

ENGINEER'S GUIDE

TO SIOUX CHIEF COMMERCIAL SPECIFIED PRODUCTS



658S4004F2



“Because of your commitment to America I can assure you we will give Sioux Chief preferential consideration when purchasing inventory for our facility. I appreciate both your patriotism and your loyalty to the people of our great country.”

Russ Knight, VP
Gulf Coast Plumbing and Electrical Supply Inc.

This Engineer's Guide is intended to make it easy for Plumbing & Mechanical Engineers, and plumbing system designers to quickly and easily find product information, product specification sheets, digital design files, and information on all of Sioux Chief's commercial products

On the following pages is a complete alphabetical product index. Each item within this index is linked. Clicking on any item within the index will take you straight to that page. On each page you will find links to the product specification sheets & digital drawing files.

Our goal is to make it very easy for you to incorporate our products into your projects. If you do not quickly find what you need, please call us.

We are happy to help.

800-821-3944



ALPHABETICAL PRODUCT INDEX

This Alphabetical Product Index features links for each item listed. Click on any item within the index to go straight to that page. Each product page features links for submittal sheets and digital drawing files.

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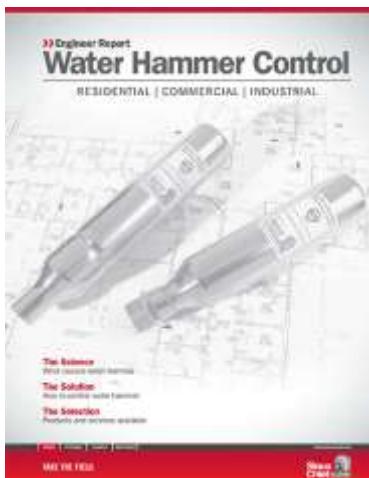
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Note: **The Engineer's Guide to Water Hammer** provides an in-depth guide to water hammer. It not only explains the physics of water hammer, but also provides information on proper sizing, placement, and system design.



[CLICK HERE FOR THE ENGINEER'S
GUIDE TO WATER HAMMER](#)



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“You have a terrific company; awesome people all lead by obviously dynamic owners and management. We look forward to growing our business and strengthening our relationship.”

Scott Smith
F. W. Webb



Internal
mechanism



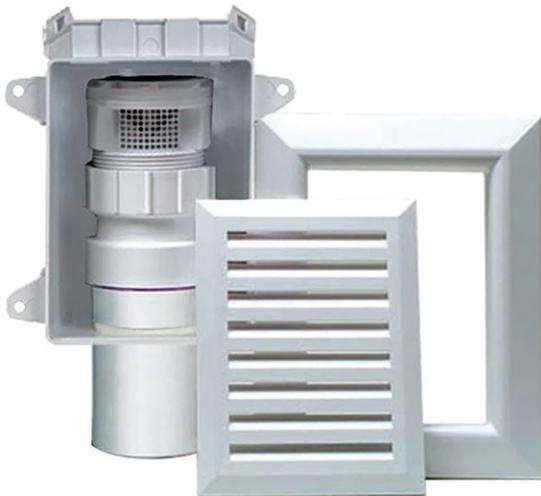
Dual Fit Adapter



1.5" CONNECTION



2" CONNECTION



TurboVent™

Air Admittance Valve

Self-Cleaning

The TurboVent™ Air Admittance Valve (AAV) is the only AAV on the market with a self-cleaning internal mechanism. Each time the valve activates to allow air into the DWV system, the mechanism spins. This spinning moves and scours the sealing surface, which ensures a good seal with each activation.

Installation Savings

Compared to traditional plumbing vent installations that penetrate through the roof, using the TurboVent AAV reduces labor and material costs. Additionally, fewer roof penetrations mean fewer potential roof leaks.

Engineered Performance

The open vent design enables the valve mechanism to quickly respond when activated, letting air into the DWV system and preventing sewer gas from entering the living area.

The dual fit 1-1/2" to 2" Hub x 2" FIP combination adapter is designed to glue over 1-1/2" or 2" pipe and conforms to national and local code standards for proper DWV fitting installations.

Single Sealing Surface

Compared to other AAVs, the TurboVent has a single sealing surface instead of a dual sealing surface, making the TurboVent less likely to fail.

Sizing

TurboVent AAVs are sized to accommodate common **Drainage Fixture Unit** (DFU) requirements as marked on the top of each unit and listed on our buying information table. The TurboVent can be used in branch or stack venting applications.

Be sure to verify that the application is consistent with minimum standards for piping installations and drainage output of the appliance or fixture to be vented. Consult all local codes prior to installation.

Tested & Certified

- Certified by ASSE to 1050 and 1051
- Listed by IAPMO (classified listing)
- Conforms to ASTM D2661 / D2665 / F409 for packages with drainage adapters
- Meets requirements of:
 - International Plumbing Code (IPC) 2009 917.1
 - International Residential Code (IRC) 2009
 - Uniform Plumbing Code (UPC) 2009 Section 301.2
 - State of Wisconsin



IPC



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TurboVent™

Air Admittance Valve

- Actuating device within the unit spins with each activation, keeping the seal free of dust and debris
- Quick opening air valve at 0.01" negative pressure. Positive seal with 13 PSIG of back-pressure
- Each unit is available with DWV adapter
- Protective debris cover ships with each unit
- New contractor packs available



250-122PB



The Ox Box provides a clean, professional looking way to access the TurboVent, while the louvered cover provides the perfect finished look.



250-12A

Item No	Description	Sch. 40 Hub Connection	Max DFUs		Pkg	Min Qty	Case Qty
			Stack	Branch			
TURBOVENT LESS ADAPTER							
250-11	TurboVent only - 1½" MIP thread - contractor pack 6/bag	—	8	20	B	1	4
250-12	TurboVent only - 2" MIP thread - contractor pack 6/bag	—	24	160	B	1	4
PVC							
250-11P	TurboVent with adapter - individually boxed	1½"	8	20	B*	1	6
250-11PC	TurboVent with adapter - contractor pack 6/bag	1½"	8	20	B	1	8
250-11TW	TurboVent with adapter & tubular waste arm extension	1½"	8	20	C*	1	6
250-12P	TurboVent with adapter - individually boxed	2"	24	160	B*	1	6
250-12PC	TurboVent with adapter - contractor pack 6/bag	2"	24	160	B	1	8
250-122PB	TurboVent with dual fit adapter - bulk	1½"-2"	8/24 ¹	20/160 ²	B*	50	50
250-122PC	TurboVent with dual fit adapter - contractor pack 6/bag	1½"-2"	8/24 ¹	20/160 ²	B	1	8
250-696122P	TurboVent with dual fit adapter & Ox Box kit ³	1½"-2"	8/24 ¹	20/160 ²	B*	1	6
250-696R122P	TurboVent with dual fit adapter & fire rated Ox Box kit ³	1½"-2"	8/24 ¹	20/160 ²	B*	1	6
696-11P	TurboVent with adapter & Ox Box kit ³	1½"	8	20	B*	1	6
696-12P	TurboVent with adapter & Ox Box kit ³	2"	24	160	B*	1	6
ABS							
250-11A	TurboVent with adapter - individually boxed	1½"	8	20	B*	1	6
250-11AC	TurboVent with adapter - contractor pack 6/bag	1½"	8	20	B	1	8
250-12A	TurboVent with adapter - individually boxed	2"	24	160	B*	1	6
250-12AC	TurboVent with adapter - contractor pack 6/bag	2"	24	160	B	1	8
250-122AB	TurboVent with dual fit adapter - bulk	1½"-2"	8/24 ¹	20/160 ²	B*	50	50
250-122AC	TurboVent with dual fit adapter - contractor pack 6/bag	1½"-2"	8/24 ¹	20/160 ²	B	1	8
250-11TB	TurboVent with adapter & tubular waste arm extension	1½"	8	20	C*	1	6
250-696122A	TurboVent with dual fit adapter & Ox Box kit ³	1½"-2"	8/24 ¹	20/160 ²	B*	1	6
250-696R122A	TurboVent with dual fit adapter & fire rated Ox Box kit ³	1½"-2"	8/24 ¹	20/160 ²	B*	1	6
696-11A	TurboVent with adapter & Ox Box kit ³	1½"	8	20	B*	1	6
696-12A	TurboVent with adapter & Ox Box kit ³	2"	24	160	B*	1	6
ACCESSORIES							
696-7	Ox Box - single box with hole for 2" Sch. 40 pipe				B	10	10
696-1F	Single frame for Ox Box				B	10	10
696-LC	Louvered cover				B	10	10
842-712A	ABS 1½"-2" hub x 2" FIP dual fit adapter				B	10	10
842-712P	PVC 1½"-2" hub x 2" FIP dual fit adapter				B	10	10

¹ 8 DFU when on 1-1/2" pipe, 24 DFU when on 2" pipe

² 20 DFU when on 1-1/2" pipe, 160 DFU when on 2" pipe

³ Kit includes Ox Box, frame, and louvered cover

OmegaPlate™

» Single Valve Outlet Plate



Savings

Fewer touches – Installs at rough, and incorporates valve, escutcheon, stub out, and bracket in one easy-to-install product.

No more managing/buying/storing/organizing/carrying/handling separate parts and pieces – Saves time with every installation.

Quality

No wobbly stub outs, exposed tube/joints or inferior valves.
Installations are consistent – solid, clean, and professional-looking.

Attractive, plated valves are certified and compliant.

Convenient

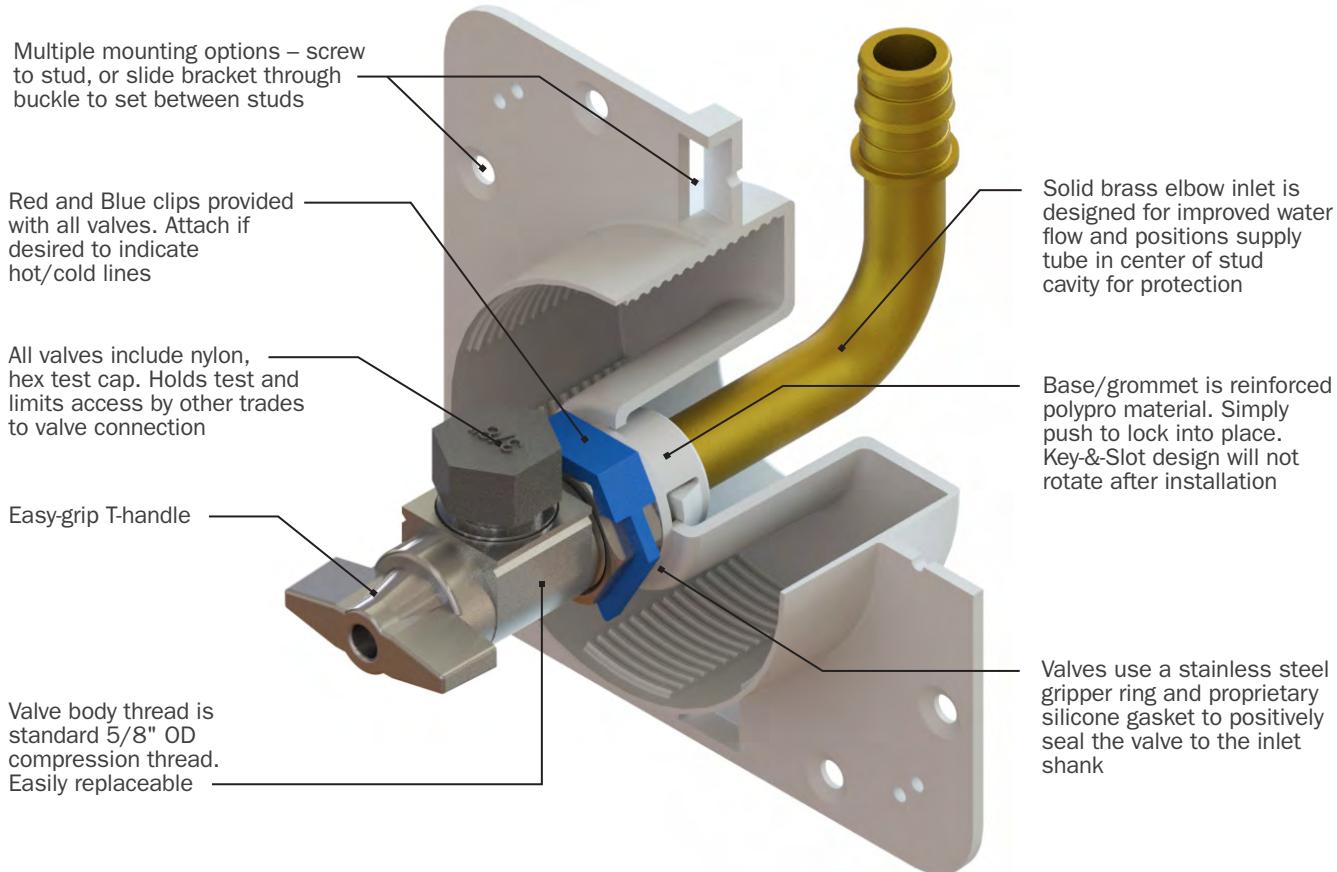
Valves are replaceable with standard 5/8" OD compression stops.

Debris cover (included) protects valve during rough-in.



Patented Valve Design

Exclusive to Sioux Chief Access products.



Connection Types:



Complete Rough-In Package

The OmegaPlate™ includes everything you need, when you need it: a versatile mounting/access plate, high-quality valve with brass elbow connection, protective debris cover, and color clips for hot/cold lines.

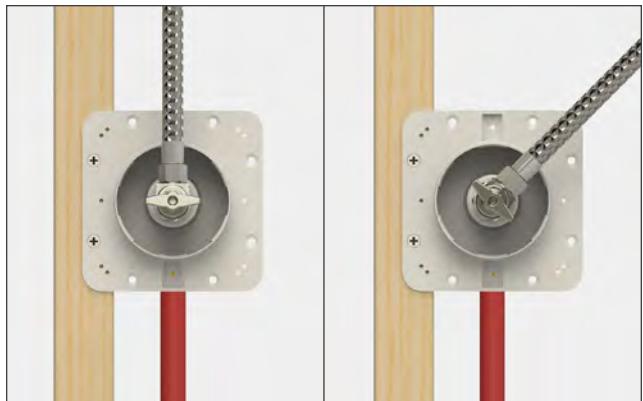
Finish escutcheons are available separately





Fast, Consistent Rough-ins

Quickly and easily rough in for lavatories, toilets, dishwashers, ice makers, or other appliances. Supply lines can be run from above or below.



Swivel Valve Outlet

Valve outlet can be oriented in any direction, independent of the inlet elbow and incoming supply tube.



Works Inside Cabinets

Escutcheons are designed to thread onto the plate and hold securely – Perfect for interior walls or inside of cabinet-style lavatory fixtures.



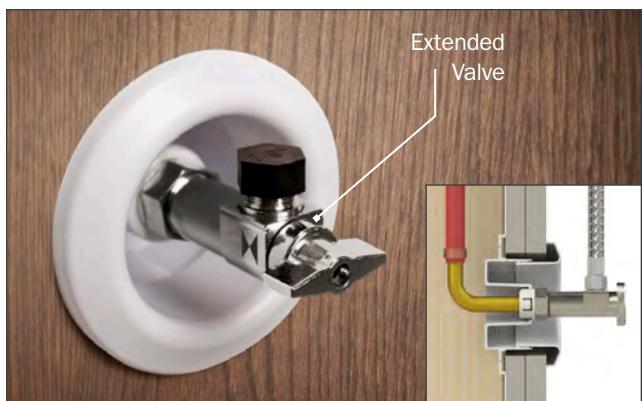
Professional-Looking Finish

Pre-colored, white ABS escutcheons can be painted to match any wall color. Install the TrimTite™ for a more flush appearance



Mounts On or Between Studs

Fasten the OmegaPlate™ directly to studs, or use a bracket to mount between studs. Chrome-plated escutcheons compliment the look of the plated valve.



Optional Extended Valve

The extended 3/8" outlet valve option is great for applications where multiple layers of drywall are used, or when cabinets are furred out from the wall.



MiniRester™ Option

For applications that require a water hammer arrester, the compression thread MiniRester™ can be connected directly to the outlet of the OmegaPlate™ valve when installing supply tubes.



Item #
660-GTR0B
or 660-GTR1B



Replaceable Valve Design

All OmegaPlate™ valves can be replaced with any standard 5/8" OD compression-thread valve.
(see website for valve replacement instructions)



699-A1-XR

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» Buying Information

3/8" COMP. OUTLET ITEM NO.	1/4" COMP. OUTLET ITEM NO.	3/4" M.HOSE OUTLET ITEM NO.	INLET CONNECTION	MIN. QTY.	CASE QTY.
OMEGAPLATE™ with STANDARD VALVE					
699-A1-CR	699-A0-CR	699-A3-CR	1/2" CPVC socket connection	10	10
699-A1-MR	699-A0-MR	699-A3-MR	1/2" MIP/F.Swt connection	10	10
699-A1-PR	699-A0-PR	699-A3-PR	1/2" M.Swt/Press/Push connection	10	10
699-A1-WR	699-A0-WR	699-A3-WR	1/2" F1960 PEX connection	10	10
699-A1-XR	699-A0-XR	699-A3-XR	1/2" F1807 PEX connection	10	10
OMEGAPLATE™ with 3/8" EXTENDED VALVE					
699-A1ECR			1/2" CPVC socket connection	10	10
699-A1EMR			1/2" MIP/F.Swt connection	10	10
699-A1EPR			1/2" M.Swt/Press/Push connection	10	10
699-A1EWR			1/2" F1960 PEX connection	10	10
699-A1EXR			1/2" F1807 PEX connection	10	10
ACCESSORIES					
699-F	White escutcheon for OmegaPlate - paintable ABS			10	10
699-FC	Chrome-plated escutcheon for OmegaPlate			10	10
699-DC	Debris cover for OmegaPlate			10	10
698-VC	Color clips for valve - red/blue			50	50
688-G1CE	Extended replacement valve - 5/8" OD comp. thread x 3/8" OD comp. outlet			1	10
305-RT	Grommet removal tool - use to remove valve from base plate			1	10



OmniPanel™

» Dual-Valve Access Panel

Patent # 9,057,460 B2



Fewer Touches

Valves are installed at rough, keeping them on test throughout the job, no drain down.

Savings

Saves time with every installation.

No more separate parts and pieces – Multiple components are replaced by one easy-to-install product.

Reduced Liability

Fewer potential leaks from faulty installation.

No wobbly stub outs, exposed tube/joints or inferior valves.

Standardized

Installations are consistent – Clean, solid and professional.

Valves are replaceable with standard 5/8" OD supply stops.



Recommended Installation

Supply Valves
Below Drainage

Strong



Engineered, reinforced material provides a solid foundation for permanent valve installation.

Convenient

Versatile mounting options. Fasten directly to stud or position between studs using brackets provided.

Universal



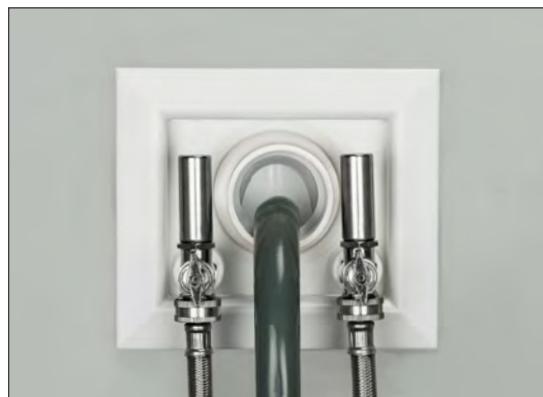
No need to tear into drywall. Valves are easily accessible from the finish side of the wall and can be replaced with ANY standard 5/8" OD compression stop valve

Lavatory



Pre-colored white material provides clean, consistent looks. Matching frames and extensions available.

Laundry



Works perfectly as a laundry supply panel. Use a flush-facing 2" DWV elbow for drain hose



Patented Elastomer

Flexible port seals around drainage arm. Accommodates penetrations from 1½" pipe to 2" DWV fitting hub.

Installs On or Between Studs



Set screw through panel
to lock into place

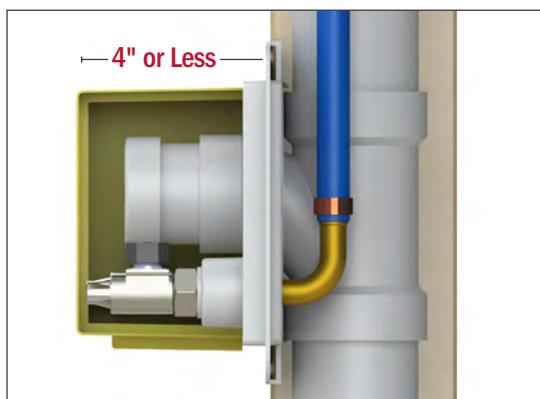
Protected



OmniPanel™ installs securely at rough-in. Valve caps, debris cover, and best-in-class materials protect installations during construction and over lifetime of the system.



All valves include nylon, hex test caps
No dropped tests. Resists tampering by other trades during construction.



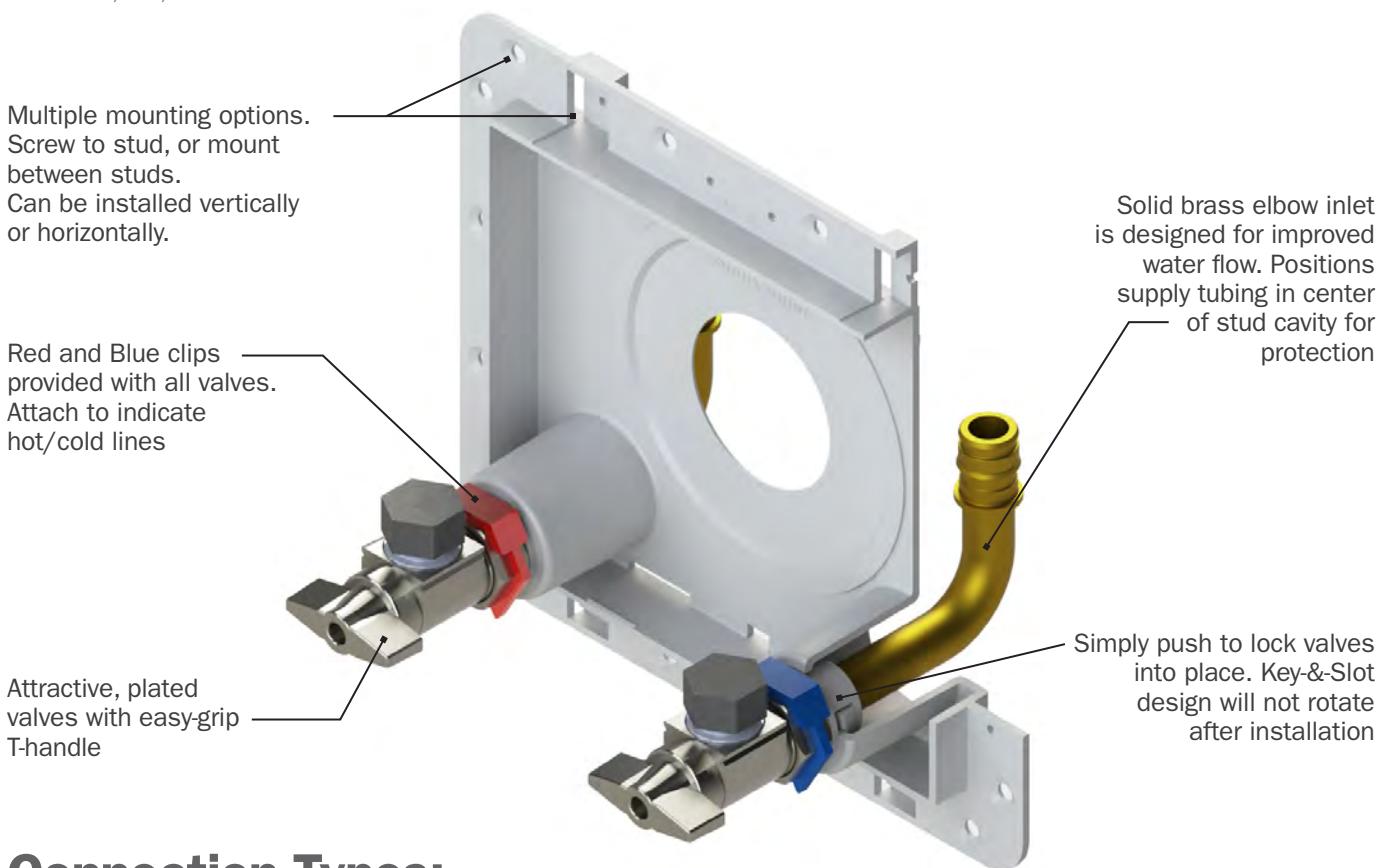
Drainage arm rough-in should be no longer than 4"
to fit under the debris cover.



Use zip-ties (included) to keep debris cover in place.
Keeps valves (and your pressure test) protected.

Patented Valve Design

Exclusive to Sioux Chief Access products.
Patent # 9,725,892 B2



Connection Types:



ASTM F1960 Grip™



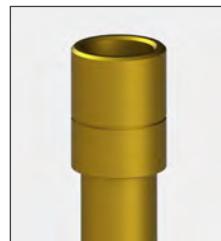
ASTM F1807 Crimp™



CPVC Socket



MIP/F.SWT



M.SWT/Push/Press with push-fitting lock groove

Valve Options:



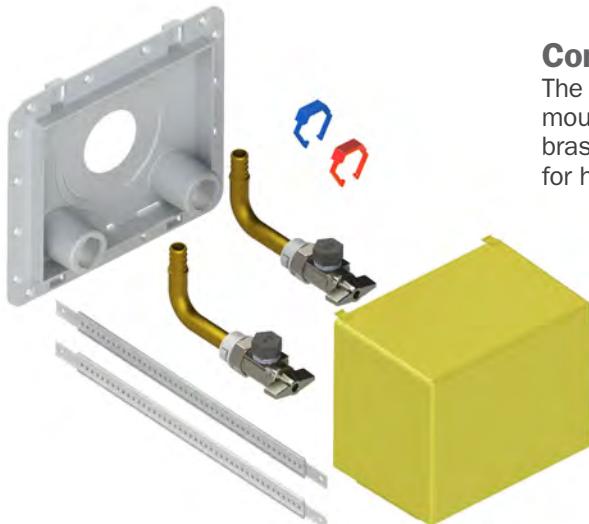
Optional MiniRester™ provides code-required protection for appliances with quick-closing valves

Quality



Valves and connection elbows are made from C69300 brass; The **Best Material Available** for protection against dezincification and stress-corrosion cracking

Complete Rough-In Package



Complete Rough-In Package

The OmniPanel™ includes everything you need, when you need it: a sturdy mounting/access plate, adjustable brackets, high-quality valves with brass elbow connection, protective debris cover, and color clips for hot/cold lines.

Finish frames are available separately, keeping them OFF the job (not lost, not damaged) until finish



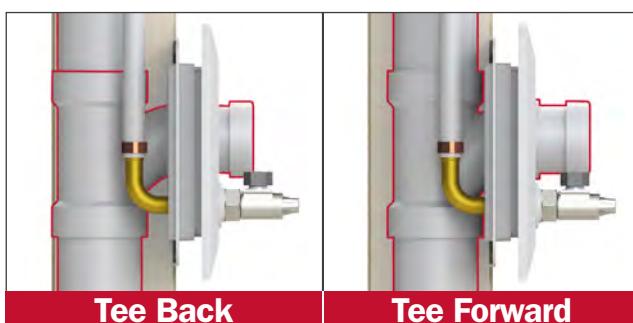
Flexible Drainage Port



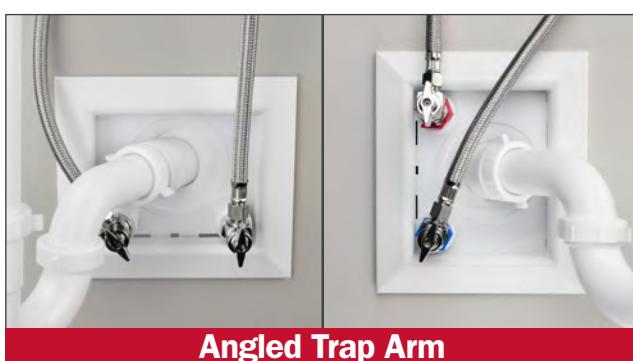
1 1/2" Pipe

2" Hub

The OmniPanel™ features an integral, elastomeric center port, which will accommodate 1 1/2" pipe/hub and will even wrap over a 2" Sch. 40 fitting hub.



The flexible material can be installed over drain pipe or fitting hub, when tee is in FRONT or BACK of stud cavity.



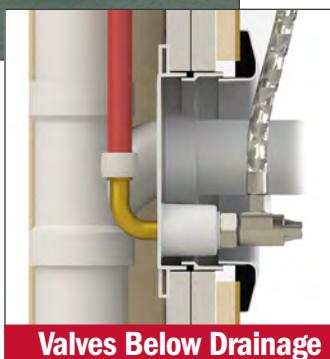
Angled Trap Arm

Even if the drainage arm is angled sharply, as for a corner sink, the port maintains a sealed penetration – and the panel remains flush and square, making the finish faster, easier, and cleaner.

Lavatory Application



Quickly and easily set rough-ins for any lavatory. Pre-colored white panel and color-matched frame provides a professional-looking installation on every job.



Valves Below Drainage

Recommended Installation

Although the OmniPanel™ can be installed in any position, the recommended installation is with the valves on the bottom-side of the panel - below the drainage port.

This orientation ensures the supply lines can flex out and connect easily to the fixture

Additional Features



Consistent Commercial Rough-ins

The OmniPanel™ is perfect for installing multiple lavatories in series – in commercial applications or for side-by-side vanities. Supply lines can be run from above or below. Optional water hammer arrestors install at any angle



Replaceable Valve Design

Valves can be replaced with any standard 5/8" OD compression-thread valve. Replacements can be done completely from the finish side of the wall - no need to tear into the drywall. (see website for valve replacement instructions)

Laundry Application



The OmniPanel™ is a perfect alternative to traditional laundry boxes. Laundry drain hose installs directly into a flush-facing 2" Sch. 40 elbow.

Smaller Gap Needed

The low-profile design directs laundry supply hose connections down rather than out, allowing washing machines to be set closer to the wall.



Valve Versatility

The valve outlet can be oriented in any direction, independent of the inlet elbow. For applications where multiple layers of drywall are used, and valves are set above drainage in a lavatory installation, extended replacement valves are available.



Extended replacement valves are available
688-G1CE



Frames / Extensions

Frames are designed to snap onto the plate and hold securely – Perfect for interior walls. For rated walls or where cabinets are used with multiple layers of drywall, frame extensions (698-EX) are available to accommodate any installation.

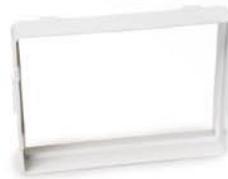

[CLICK FOR SUBMITTAL](#)
[CLICK FOR FIRE-RATED SUBMITTAL](#)
[CLICK FOR Revit/BIM- RFA File](#)
[CLICK FOR Revit/BIM- Image](#)

698-A11-WR

688-G1CE



698-F



698-EX

» Buying Information

ITEM NO.	DESCRIPTION	MIN. QTY.	CASE QTY.
OMNIPANEL™ WITH 3/8" OD COMP. OUTLET VALVE			
698-A11-CR	1/2" CPVC socket connection	10	10
698-A11-MR	1/2" MIP/F.Swt connection	10	10
698-A11-PR	1/2" M.Swt connection - Press/Push compatible	10	10
698-A11-WR	1/2" F1960 PEX connection	10	10
698-A11-XR	1/2" F1807 PEX connection	10	10
698-A11ACR	1/2" CPVC socket connection with arresters	10	10
698-A11AMR	1/2" MIP/F.Swt connection with arresters	10	10
698-A11APR	1/2" M.Swt connection - Press/Push compatible with arresters	10	10
698-A11AWR	1/2" F1960 PEX connection with arresters	10	10
698-A11AXR	1/2" F1807 PEX connection with arresters	10	10
OMNIPANEL™ WITH 3/4" MALE HOSE THREAD OUTLET VALVE			
698-A33-CR	1/2" CPVC socket connection	10	10
698-A33-MR	1/2" MIP/F.Swt connection	10	10
698-A33-PR	1/2" M.Swt connection - Press/Push compatible	10	10
698-A33-WR	1/2" F1960 PEX connection	10	10
698-A33-XR	1/2" F1807 PEX connection	10	10
698-A33ACR	1/2" CPVC socket connection with arresters	10	10
698-A33AMR	1/2" MIP/F.Swt connection with arresters	10	10
698-A33APR	1/2" M.Swt connection - Press/Push compatible with arresters	10	10
698-A33AWR	1/2" F1960 PEX connection with arresters	10	10
698-A33AXR	1/2" F1807 PEX connection with arresters	10	10
ACCESSORIES			
698-DC	Debris cover for OmniPanel	24	24
698-EX	Frame extension for OmniPanel	10	10
698-F	Frame only for OmniPanel	10	10
698-VC	Color clips for valve - red/blue	50	50
688-G1CE	Extended replacement valve - 5/8" OD comp. thread x 3/8" OD comp. outlet	1	10
305-RT	Grommet removal tool - use to remove valve from base plate	1	10



OxBox™

» Outlet Box System



Universal Install

One box replaces right drain, left drain, bottom supply and top supply. One box size, one frame size ... all options.

Fast

Installs in half the time.

Separate Supply & Drain

DWV installed in one stud bay. No crossing over stud, saving material & line protection.

Strong

Smaller, more rigid box adds structure. High quality materials stand up to abuse.



OxBox™ : Washing Machine

» Universal Outlet Box System

The OxBox utilizes a patented **two-box design** and box clip so the installer, designer or specifying engineer can have the most **ease of installation, layout flexibility and strength of install** available with any outlet box system.

Just flip & clip the boxes into the desired layout for the **quickest, most secure** and **quality** installation possible.

OxBox replaces all left and right drain commodity box options as well as all top mounted supply options.

The OxBox eliminates redundant inventory and eliminates “frame confusion” by replacing all other commodity box product.

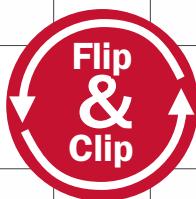
1. Choose right or left drain line position



Right Drain



Left Drain



2. Choose top or bottom supply line position



Top Supply



Bottom Supply

Unlimited Installation Versatility

Over-the-Stud (Recommended)

Over-the-stud installation is the strongest OxBox installation option, and uses a single screw.

- Stud adds strength
- Over-the-stud placement assures box mount is perpendicular to room
- No crossing over the stud with drainage
- Reduced pipe protection plates and stud reinforcement



Between-the-Studs

Between-the-studs installation allows the supply and drain boxes to be installed in the same stud bay.

- Increases layout options and plumbing layout design



Separate Box/Separate Wall

Separate box options allow the drain to be installed on an outside wall while keeping the supply lines freeze protected on an inside wall.

- Boxes can be kept out of sight behind each appliance
- Great for wheelchair accessible locations or for assisted living facilities where easy access to supply line shut-off is desired



Stacked Box

Stacked box options allow for advanced plumbing layout flexibility exclusive to the OxBox.

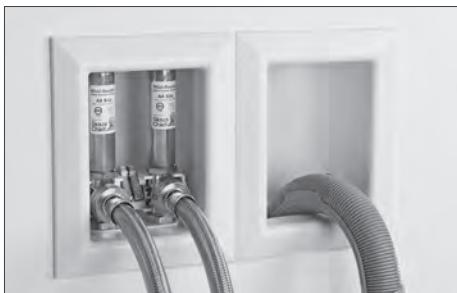
- Perfect for top-mount supply
- Perfect for multi-family or apartment projects utilizing washer/dryer combos



Ox Box™**Outlet Box**

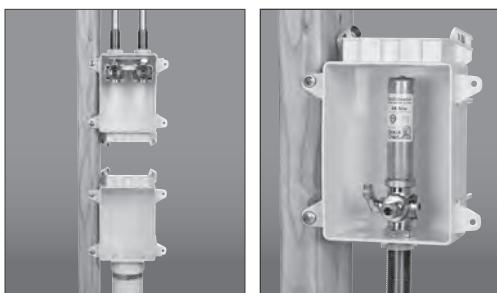
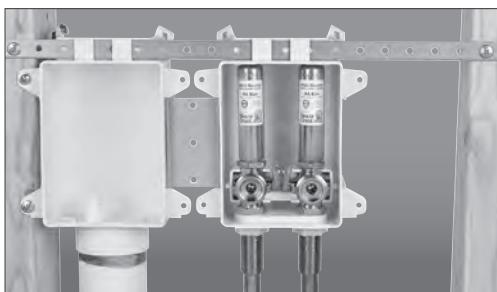
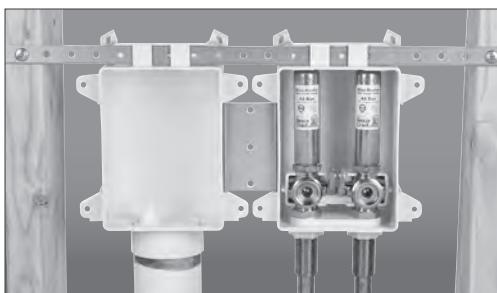
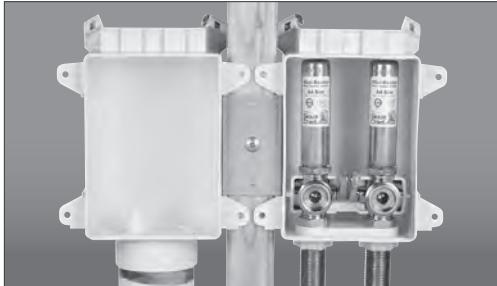
Patent #7,360,553 & #7,735,511

- **Strong:** Over the stud application offers the industry's strongest installation
- **Fast:** Installation times are cut in half
- **Flexible:** Separate boxes offer endless configuration options
- **Durable:** ABS material stands up to job site abuse
- **Approvals:**
 - Standard packaged Ox Box™ kits are UPC listed.
 - Fire-Rated Ox Box kits are Warnock Hersey Certified.
 - Valves comply with ASME A112.18.1

**Build Item Numbers**

- Items not listed within this catalog can be custom built with a minimum order of 30 units

696	-	2	3	1	3	X	F	
Series	A	B	C	D	E	F	G	H

A Special Standards**-** Standard product**R** Fire-rated package with intumescent pads and fire-rated frame**-G** Supplied valves are no lead alloy 693 with low zinc**RG** Supplied valves are no lead alloy 693 with low zinc and packaged with intumescent pad and fire-rated frame**B Supply Box Options****1** Single-hole Ox Box**2** Double-hole Ox Box**C Drain Box Options****0** No drain box included**3** Drain box included**4** Supply box with drain**D Valve and Arrester Options****0** No water hammer arresters on valves**1** Water hammer arresters on valves**2** Accessible, integral, secondary stop on valves**E Outlet Options****0** 1/4" compression connection**1** 3/8" compression connection**3** 3/4" male hose thread connection**F Inlet Options****A** 1/2" F2080 PEX**C** 1/2" male CPVC**M** 1/2" female sweat**V** 1/2" Viega® PEX Press®**W** 1/2" F1960 PEX**X** 1/2" F1807 PEX**G Frame Options****F** Frames included**R** Rough-in package, frames sold separately**H Extra Options****—** None**26** Includes 26" galvanized support bracket**S** Includes 72"-long, 1/4" stainless steel hose**PK4** Retail box

Ox Box™

Supply Box

- Choose from valves with or without Mini-Rester™ water hammer arresters
- The Ox Box™ supply box is available in many connections
 - Female sweat
 - CPVC
 - PEX F1807 †
 - PEX F1960 †
 - PEX F2080 †
 - Viega® PEX Press® †
- All valve options offered with dual-handle functionality and single-handle look

No Lead Compliant Products

Ox Box product is available with valves made from no lead alloy C69300 (non-bismuth) brass. This alloy is additionally low in zinc to protect against aggressive water conditions.

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.



Mini-Rester
Water Hammer Arrestor
1/4-Turn Ball Valves



1/4-Turn Ball Valves



1/2" Female sweat



1/2" CPVC



1/2" PEX F1807



1/2" PEX F1960



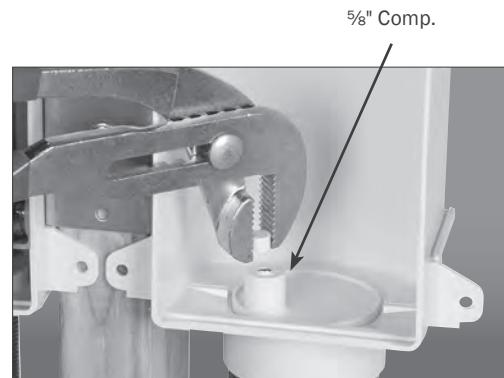
1/2" PEX F2080



1/2" Viega PEX Press

Drain Box

- The Ox Box drain box includes an integrated test nipple. Pinch and twist the nipple, and the system is ready to test using a $5/8"$ compression × air or water inlet test device.



- The drain knockout easily removes in one piece, and will not fall down the drain

**† Note on ASTM PEX Fitting Standards:**

- ASTM F 1807: PEX Barb Insert Fittings Utilizing a Copper Crimp Ring.
- ASTM F 1960: PEX Cold Expansion Fittings Utilizing a PEX Compression Ring.
- ASTM F 2080: PEX Cold Expansion Fittings Utilizing a Metal Compression Ring.
- Viega PureFlow PEX Press® fittings: Viega PEX Press Sleeve provided to connect PEX tubing to a Viega PEX Press fitting.

Ox Box™**Washing Machine Outlet Box**

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Separates supply and drainage systems into two stud bays
- Separate boxes offer flexible layout
- Durable ABS stands up to job site abuse
- Drain knockout is easy to remove with pliers
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves
- 3/4" male hose-thread outlet connections

CLICK FOR SUBMITTAL**CLICK FOR FIRE-RATED SUBMITTAL****CLICK FOR Revit/BIM- RFA File****CLICK FOR Revit/BIM- Image**

The debris cover protects valves from drywall mud and paint during construction.

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696-2303MF	1/2" female sweat		B*	10	10
696-2303CF	1/2" CPVC male		B*	10	10
696-2303XF	1/2" PEX F1807		B*	10	10
696-2303WF	1/2" PEX F1960		B*	10	10
696-2303AF	1/2" PEX F2080		B*	10	10
696-2303VF	1/2" Viega PEX Press		B*	10	10
696-G2303MF	1/2" female sweat, no lead	✓	B*	10	10
696-G2303CF	1/2" CPVC male, no lead	✓	B*	10	10
696-G2303XF	1/2" PEX F1807, no lead	✓	B*	10	10
696-G2303WF	1/2" PEX F1960, no lead	✓	B*	10	10
ROUGH-IN PACK					
696-2303MR	1/2" female sweat		B*	10	10
696-2303CR	1/2" CPVC male		B*	10	10
696-2303XR	1/2" PEX F1807		B*	10	10
696-2303WR	1/2" PEX F1960		B*	10	10
696-2303AR	1/2" PEX F2080		B*	10	10
STANDARD PACK BAR-CODED IN DISPLAY BOX					
696-2303MFPK4	1/2" female sweat		B*	4	4
696-2303CFPK4	1/2" CPVC male		B*	4	4
696-2303XFPK4	1/2" PEX F1807		B*	4	4
696-G2303MFPK4	1/2" female sweat, no lead	✓	B*	4	4
696-G2303CFPK4	1/2" CPVC male, no lead	✓	B*	4	4
696-G2303XFPK4	1/2" PEX F1807, no lead	✓	B*	4	4
INTEGRAL SECONDARY STOP VALVES STANDARD PACK					
696-2323MF	1/2" female sweat		B*	10	10

Standard Pack

696-2303MF

Rough-in Pack

Order frames 696-2303MR separately.

Display Box

696-2303MFPK4



696-2323MF



Order frames separately. 696-2313MR

Display Box



696-2313MFPK4



Ox Box™

Washing Machine Outlet Box with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Separates supply and drainage systems into two stud bays
- Separate boxes offer flexible layout
- Durable ABS stands up to job site abuse
- Drain knockout is easy to remove with pliers
- With two Mini-Rester water hammer arresters
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves
- $\frac{3}{4}$ " male hose-thread outlet connections

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[CLICK FOR
Revit/BIM- Image](#)

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696-2313MF	$\frac{1}{2}$ " female sweat	B*	10	10	
696-2313CF	$\frac{1}{2}$ " CPVC male	B*	10	10	
696-2313XF	$\frac{1}{2}$ " PEX F1807	B*	10	10	
696-2313WF	$\frac{1}{2}$ " PEX F1960	B*	10	10	
696-2313AF	$\frac{1}{2}$ " PEX F2080	B*	10	10	
696-2313VF	$\frac{1}{2}$ " Viega PEX Press	B*	10	10	
696-G2313MF	$\frac{1}{2}$ " female sweat, no lead	✓	B*	10	10
696-G2313CF	$\frac{1}{2}$ " CPVC male, no lead	✓	B*	10	10
696-G2313XF	$\frac{1}{2}$ " PEX F1807, no lead	✓	B*	10	10
696-G2313WF	$\frac{1}{2}$ " PEX F1960, no lead	✓	B*	10	10
ROUGH-IN PACK					
696-2313MR	$\frac{1}{2}$ " female sweat	B*	10	10	
696-2313CR	$\frac{1}{2}$ " CPVC male	B*	10	10	
696-2313XR	$\frac{1}{2}$ " PEX F1807	B*	10	10	
696-2313WR	$\frac{1}{2}$ " PEX F1960	B*	10	10	
696-2313AR	$\frac{1}{2}$ " PEX F2080	B*	10	10	
696-G2313CR	$\frac{1}{2}$ " CPVC male	B*	10	10	
ROUGH-IN PACK WITH 26" BAR					
696-2313MR26	$\frac{1}{2}$ " female sweat	B*	10	10	
696-2313CR26	$\frac{1}{2}$ " CPVC male	B*	10	10	
696-2313XR26	$\frac{1}{2}$ " PEX F1807	B*	10	10	
STANDARD PACK BAR-CODED IN DISPLAY BOX					
696-2313MFPK4	$\frac{1}{2}$ " female sweat	B*	4	4	
696-2313CFPK4	$\frac{1}{2}$ " CPVC male	B*	4	4	
696-2313XFPK4	$\frac{1}{2}$ " PEX F1807	B*	4	4	
696-G2313MFPK4	$\frac{1}{2}$ " female sweat, no lead	✓	B*	4	4
696-G2313CFPK4	$\frac{1}{2}$ " CPVC male, no lead	✓	B*	4	4
696-G2313XFPK4	$\frac{1}{2}$ " PEX F1807, no lead	✓	B*	4	4

Ox Box™**Ice Maker Outlet Box**

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Durable ABS stands up to job site abuse
- Box mounts easily to stud for top or bottom supply
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valve
- $\frac{1}{4}$ " O.D. compression outlet connection

CLICK FOR SUBMITTAL**CLICK FOR FIRE-RATED SUBMITTAL****CLICK FOR Revit/BIM- RFA File****CLICK FOR Revit/BIM- Image****Standard Pack**

696-1000MF

Rough-in Pack

Order frames separately.

696-1000MR

Standard Pack with Stainless Steel Hose

696-1000MFS

Display Box

696-1000MFPK4

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696-1000MF	$\frac{1}{2}$ " female sweat		B*	10	10
696-1000CF	$\frac{1}{2}$ " CPVC male		B*	10	10
696-1000XF	$\frac{1}{2}$ " PEX F1807		B*	10	10
696-1000WF	$\frac{1}{2}$ " PEX F1960		B*	10	10
696-1000AF	$\frac{1}{2}$ " PEX F2080		B*	10	10
696-1000VF	$\frac{1}{2}$ " Viega PEX Press		B*	10	10
696-G1000MF	$\frac{1}{2}$ " female sweat, no lead	✓	B*	10	10
696-G1000CF	$\frac{1}{2}$ " CPVC male, no lead	✓	B*	10	10
696-G1000XF	$\frac{1}{2}$ " PEX F1807, no lead	✓	B*	10	10
696-G1000WF	$\frac{1}{2}$ " PEX F1960, no lead	✓	B*	10	10
ROUGH-IN PACK					
696-1000MR	$\frac{1}{2}$ " female sweat		B*	10	10
696-1000CR	$\frac{1}{2}$ " CPVC male		B*	10	10
696-1000XR	$\frac{1}{2}$ " PEX F1807		B*	10	10
696-1000WR	$\frac{1}{2}$ " PEX F1960		B*	10	10
696-1000AR	$\frac{1}{2}$ " PEX F2080		B*	10	10
696-G1000MR	$\frac{1}{2}$ " female sweat, no lead	✓	B*	10	10
696-G1000CR	$\frac{1}{2}$ " CPVC male, no lead	✓	B*	10	10
696-G1000XR	$\frac{1}{2}$ " PEX F1807, no lead	✓	B*	10	10
STANDARD PACK WITH 72" STAINLESS STEEL HOSE					
696-1000MFS	$\frac{1}{2}$ " female sweat		B*	10	10
696-1000CFS	$\frac{1}{2}$ " CPVC male		B*	10	10
696-1000XFS	$\frac{1}{2}$ " PEX F1807		B*	10	10
INDIVIDUALLY BAR-CODED IN DISPLAY BOX					
696-1000MFPK4	$\frac{1}{2}$ " female sweat		B*	5	5
696-G1000MFPK4	$\frac{1}{2}$ " female sweat, no lead	✓	B*	5	5

Standard Pack



696-1010MF

Rough-in Pack



696-1010MR

Standard Pack with Stainless Steel Hose



696-1010MFS

Display Box



696-1010MFPK4

Ox Box™

Ice Maker Outlet Box
with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Durable ABS stands up to job site abuse
- With Mini-Rester water hammer arrester
- Box mounts easily to stud for top or bottom supply
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valve
- 1/4" O.D. compression outlet connection

[CLICK FOR SUBMITTAL](#)[CLICK FOR FIRE-RATED SUBMITTAL](#)[CLICK FOR Revit/BIM- RFA File](#)[CLICK FOR Revit/BIM- Image](#)

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696-1010MF	1/2" female sweat	B*	10	10	
696-1010CF	1/2" CPVC male	B*	10	10	
696-1010XF	1/2" PEX F1807	B*	10	10	
696-1010WF	1/2" PEX F1960	B*	10	10	
696-1010AF	1/2" PEX F2080	B*	10	10	
696-1010VF	1/2" Viega PEX Press	B*	10	10	
696-G1010MF	1/2" female sweat, no lead	✓	B*	10	10
696-G1010CF	1/2" CPVC male, no lead	✓	B*	10	10
696-G1010XF	1/2" PEX F1807, no lead	✓	B*	10	10
696-G1010WF	1/2" PEX F1960, no lead	✓	B*	10	10
ROUGH-IN PACK					
696-1010MR	1/2" female sweat	B*	10	10	
696-1010CR	1/2" CPVC male	B*	10	10	
696-1010XR	1/2" PEX F1807	B*	10	10	
696-1010WR	1/2" PEX F1960	B*	10	10	
696-1010AR	1/2" PEX F2080	B*	10	10	
696-G1010MR	1/2" female sweat, no lead	✓	B*	10	10
696-G1010CR	1/2" CPVC male, no lead	✓	B*	10	10
696-G1010XR	1/2" PEX F1807, no lead	✓	B*	10	10
STANDARD PACK WITH 72" STAINLESS STEEL HOSE					
696-1010MFS	1/2" female sweat	B*	10	10	
696-1010CFS	1/2" CPVC male	B*	10	10	
696-1010XFS	1/2" PEX F1807	B*	10	10	
ROUGH-IN PACK WITH 26" BAR					
696-1010MR26	1/2" female sweat	B*	10	10	
696-1010CR26	1/2" CPVC male	B*	10	10	
696-1010XR26	1/2" PEX F1807	B*	10	10	
INDIVIDUALLY BAR-CODED IN DISPLAY BOX					
696-1010MFPK4	1/2" female sweat	B*	5	5	
696-G1010MFPK4	1/2" female sweat, no lead	✓	B*	5	5
696-G1010XFPK4	1/2" PEX F1807, no lead	✓	B*	5	5



Ox Box™**Lavatory Outlet Box**

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Allows for straight and secure supply stops recessed into the wall
- Eliminates backbreaking labor of cleaning stub outs and installing supply stops
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves with $\frac{3}{8}$ " O.D. compression outlet connections

Standard Pack

696-SC1

**696-2001MF
Rough-In Pack**Order frames
separately.

696-2001MR

CLICK FOR SUBMITTAL**CLICK FOR
FIRE-RATED SUBMITTAL****Ox Box™****Lavatory Outlet Box****with Mini-Rester™ Water Hammer Arresters**

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Allows for straight and secure supply stops recessed into the wall
- Eliminates backbreaking labor of cleaning stub outs and installing supply stops
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves with $\frac{3}{8}$ " O.D. compression outlet connections

Standard Pack

696-2011MF

CLICK FOR SUBMITTAL**CLICK FOR
FIRE-RATED SUBMITTAL**

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696-2011MF	$\frac{1}{2}$ " female sweat		B*	10	10
696-2011CF	$\frac{1}{2}$ " CPVC male		B*	10	10
696-2011XF	$\frac{1}{2}$ " PEX F1807		B*	10	10
696-2011WF	$\frac{1}{2}$ " PEX F1960		B*	10	10
696-G2011MF	$\frac{1}{2}$ " female sweat, no lead	✓	B*	10	10
696-G2011CF	$\frac{1}{2}$ " CPVC male, no lead	✓	B*	10	10
696-G2011XF	$\frac{1}{2}$ " PEX F1807, no lead	✓	B*	10	10
696-G2011WF	$\frac{1}{2}$ " PEX F1960, no lead	✓	B*	10	10
ROUGH-IN PACK					
696-2001MR	$\frac{1}{2}$ " female sweat		B*	10	10
696-2001CR	$\frac{1}{2}$ " CPVC male		B*	10	10
696-2001XR	$\frac{1}{2}$ " PEX F1807		B*	10	10



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CLICK FOR FIRE-RATED SUBMITTAL



Ox Box™

Toilet/Dishwasher Outlet Box

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Allows for straight and secure supply stops recessed into the wall
- Eliminates backbreaking labor of cleaning stub outs and installing supply stops
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves with 3/8" O.D. compression outlet connection

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696-1001MF	1/2" female sweat	B*	10	10	
696-1001CF	1/2" CPVC male	B*	10	10	
696-1001XF	1/2" PEX F1807	B*	10	10	
696-1001WF	1/2" PEX F1960	B*	10	10	
696-1001AF	1/2" PEX F2080	B*	10	10	
696-G1001MF	1/2" female sweat, no lead	✓	B*	10	10
696-G1001CF	1/2" CPVC male, no lead	✓	B*	10	10
696-G1001XF	1/2" PEX F1807, no lead	✓	B*	10	10
696-G1001WF	1/2" PEX F1960, no lead	✓	B*	10	10



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Ox Box™

Toilet/Dishwasher Outlet Box with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Allows for straight and secure supply stops recessed into the wall
- Eliminates backbreaking labor of cleaning stub outs and installing supply stops
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves with 3/8" O.D. compression outlet connection

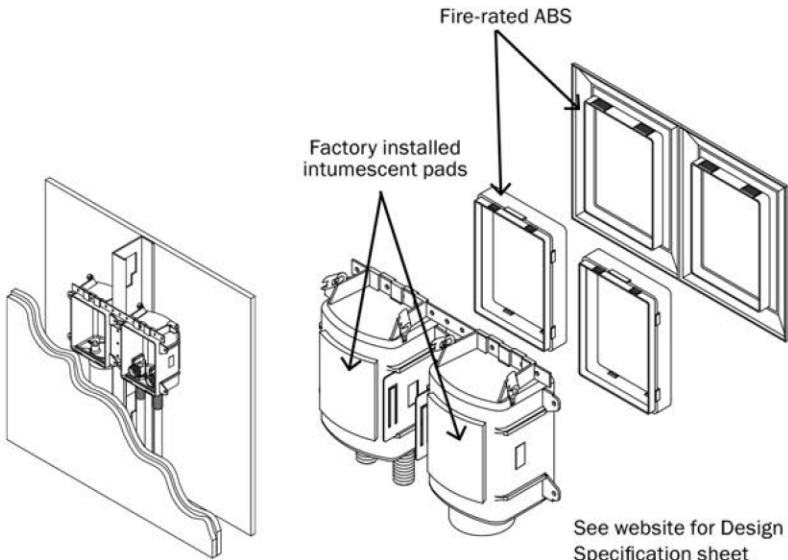
Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696-1011MF	1/2" female sweat	B*	10	10	
696-1011CF	1/2" CPVC male	B*	10	10	
696-1011XF	1/2" PEX F1807	B*	10	10	
696-1011WF	1/2" PEX F1960	B*	10	10	
696-1011AF	1/2" PEX F2080	B*	10	10	
696-G1011MF	1/2" female sweat, no lead	✓	B*	10	10
696-G1011CF	1/2" CPVC male, no lead	✓	B*	10	10
696-G1011XF	1/2" PEX F1807, no lead	✓	B*	10	10
696-G1011WF	1/2" PEX F1960, no lead	✓	B*	10	10

Fire-Rated Ox Box™

Outlet Box

Patent #7,360,553 & #7,735,511

- Over-the-stud installation or separate stud installation is required, see instructions
- Warnock Hersey Certified
- Constructed using fire-retardant plastic resin
- Over-the-stud installation is the quickest, easiest, strongest, and carries the highest rated fire certification in the industry
- Debris covers included to protect boxes from drywall mud and paint



The Fire-Rated Ox Box™ is certified by Intertek/Warnock Hersey to the following Fire Rating Standards:

ASTM E-814

2 hours (F), 1½ hours (T)
for 2-hour design

1 hour (F), 31 min (T)
for 1-hour design

CAN/ULC S115

2 hours (F), 1½ hours (T)
for 2-hour design
1 hour (F), 31 min (T)
for 1-hour design

ASTM E119

UL 1479



Fire-Rated Ox Box™

Washing Machine Outlet Box

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Separates supply and drainage systems into two stud bays
- Drain knockout is easy to remove with pliers
- Supply lines can be mounted from above or below
- High-quality quarter-turn ball valves
- ¾" male hose-thread outlet connections

Standard Pack



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Revit/BIM- Image**

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696R2303MF	½" female sweat	B*	10	10	
696R2303CF	½" CPVC male	B*	10	10	
696R2303XF	½" PEX F1807	B*	10	10	
696R2303WF	½" PEX F1960	B*	10	10	
696R2303AF	½" PEX F2080	B*	10	10	
696RG2303MF	½" female sweat, no lead	✓	B*	10	10
696RG2303CF	½" CPVC male, no lead	✓	B*	10	10
696RG2303XF	½" PEX F1807, no lead	✓	B*	10	10
696RG2303WF	½" PEX F1960, no lead	✓	B*	10	10





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Fire-Rated Ox Box™

Washing Machine Outlet Box with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Separates supply and drainage systems into two stud bays
- Supply lines can be mounted from above or below
- High-quality quarter-turn ball valves with 3/4" male hose-thread outlet connections

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696R2313MF	1/2" female sweat	B*	10	10	
696R2313CF	1/2" CPVC male	B*	10	10	
696R2313XF	1/2" PEX F1807	B*	10	10	
696R2313WF	1/2" PEX F1960	B*	10	10	
696R2313AF	1/2" PEX F2080	B*	10	10	
696R2313VF	1/2" Viega PEX Press	B*	10	10	
696RG2313MF	1/2" female sweat, no lead	✓	B*	10	10
696RG2313CF	1/2" CPVC male, no lead	✓	B*	10	10
696RG2313XF	1/2" PEX F1807, no lead	✓	B*	10	10
696RG2313WF	1/2" PEX F1960, no lead	✓	B*	10	10

Fire-Rated Ox Box™

Ice Maker Outlet Box

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Box mounts easily to stud for top or bottom supply
- High-quality quarter-turn ball valves with 1/4" O.D. compression outlet connection



696R1000MF

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**CLICK FOR
Revit/BIM- Image**



Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696R1000MF	1/2" female sweat	B*	10	10	
696R1000CF	1/2" CPVC male	B*	10	10	
696R1000XF	1/2" PEX F1807	B*	10	10	
696R1000WF	1/2" PEX F1960	B*	10	10	
696R1000AF	1/2" PEX F2080	B*	10	10	
696R1000VF	1/2" Viega PEX Press	B*	10	10	
696RG1000MF	1/2" female sweat, no lead	✓	B*	10	10
696RG1000CF	1/2" CPVC male, no lead	✓	B*	10	10
696RG1000XF	1/2" PEX F1807, no lead	✓	B*	10	10
696RG1000WF	1/2" PEX F1960, no lead	✓	B*	10	10

Fire-Rated Ox Box™**Ice Maker Outlet Box
with Mini-Rester™ Water Hammer Arresters**

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Box mounts easily to stud for top or bottom supply
- High-quality quarter-turn ball valves with 1/4" O.D. compression outlet connection

Standard Pack



696R1010MF

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Standard Pack



696R2001MF

Fire-Rated Ox Box™**Lavatory Outlet Box**

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Eliminates cleaning stub outs and installing supply stops at finish
- Debris covers included
- High-quality quarter-turn ball valves



Item No

Shank Connection

NO
LEAD

Pkg

Min
QtyCase
Qty

STANDARD PACK

696R2001MF	1/2" female sweat	B*	10	10
696R2001CF	1/2" CPVC male	B*	10	10
696R2001XF	1/2" PEX F1807	B*	10	10
696R2001WF	1/2" PEX F1960	B*	10	10
696R2001AF	1/2" PEX F2080	B*	10	10
696RG2001MF	1/2" female sweat, no lead	✓	10	10
696RG2001CF	1/2" CPVC male, no lead	✓	10	10
696RG2001XF	1/2" PEX F1807, no lead	✓	10	10
696RG2001WF	1/2" PEX F1960, no lead	✓	10	10
MINI-RESTER STANDARD PACK				
696R2011CF	1/2" CPVC male	B*	10	10

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696R1001MF



696RG1011MF

Fire-Rated Ox Box™

Toilet/Dishwasher Outlet Box

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Eliminates cleaning stub outs and installing supply stops at finish
- Debris covers included
- High-quality quarter-turn ball valves

[CLICK FOR FIRE-RATED SUBMITTAL](#)

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty
STANDARD PACK					
696R1001MF	1/2" female sweat	B*	10	10	
696R1001CF	1/2" CPVC male	B*	10	10	
696R1001XF	1/2" PEX F1807	B*	10	10	
696R1001AF	1/2" PEX F2080	B*	10	10	
696RG1001MF	1/2" female sweat, no lead	✓	B*	10	10
696RG1001CF	1/2" CPVC male, no lead	✓	B*	10	10
696RG1001XF	1/2" PEX F1807, no lead	✓	B*	10	10



Ox Box™

Gas Valve Outlet Box & Fire-Rated Gas Valve Outlet Box

Patent #7,360,553 & #7,735,511

- 1/4-turn ball valve for easy, secure, accessible operation
- Box is available for 1/2" or 3/4" iron-pipe applications or 1/2" CSST applications in both standard and fire-rated products
- Recessed box is made of high-impact ABS, providing the strongest finished installation for all gas appliance needs
- Valve has CSA certification to ANSI Z21.15-1997 / CGA 9.1-M97



696-1031GF



696-EX



696-1020GF

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[CLICK FOR FIRE-RATED SUBMITTAL](#)

Item No.	Connection	Pkg	Min. Qty	Case Qty
GAS OX BOX				
696-1021GF	1/2" NPT valve and adapter for iron pipe, bagged	B	6	6
696-1031GF	3/4" NPT valve and adapter for iron pipe, bagged	B	6	6
696-1020GF	1/2" FIP valve for CSST connection, bagged	B	6	6
FIRE-RATED GAS OX BOX				
696R1021GF	1/2" NPT valve and adapter for iron pipe, bagged	B	6	6
696R1031GF	3/4" NPT valve and adapter for iron pipe, bagged	B	6	6
696R1020GF	1/2" FIP valve for CSST connection, bagged	B	6	6
OX BOX ACCESSORIES				
696-EX	Frame extension	B	10	10
696-SC	Solid frame insert	B	10	10



696-2F



696-SC

696-LC



696-SC1



696-2



696-EX

696-BC



Ox Box™

Accessories

Frame

- Textured and paintable ABS
- Single frame for ice maker application
- Double frame for washing machine application easily splits for separated box installations

Insert

- Textured and paintable ABS
- Louvered frame insert provides 7.99 in² of free grate area
- Solid cover plate provides a clean look for frequently used accessible plumbing valves

Outlet Box

- Made from tough ABS
- Installs directly to stud or by bracket
- May be installed with supply from above or below
- One-hole boxes for ice maker, toilet, gas and AAV access; two-hole boxes for wash, lav access
- Washing machine supply box can be placed above or to the left and to the right of drain box and includes debris cover

Extension

- Can be attached to outlet box for additional 1/2" of drywall depth
- Extensions can be stacked to desired access depth

Box Clip

- Box clip connects two Ox Box™ outlet boxes
- Enables the strongest outlet box installation by straddling wood or metal studs
- Tabs fold into metal stud for added rigidity

Item No	Description	Pkg	Min Qty	Case Qty
FRAME				
696-1F	Single frame	B	10	10
696-2F	Double frame	B	10	10
696-3F	Drain box with single frame	B	10	10
INSERT				
696-LC	Louvered frame insert	B	10	10
696-SC	Solid frame insert	B	10	10
696-SC1	Solid frame insert with valve cutout	B	10	10
OUTLET BOX				
696-1	One-hole supply box	B	10	10
696-2	Two-hole supply box	B	10	10
696-3	Drain box	B	10	10
696R3	Drain box with fire pad and frame	B	10	10
696-5	1 5/16" one-hole supply box for large shank valves	B	10	10
696-6	1 1/2" one-hole box for DWV pipe	B	10	10
696-7	2" one-hole box for DWV pipe	B	10	10
EXTENSION				
696-EX	Frame extension	B	10	10
BOX CLIP				
696-BC	Box clip	B	10	10

Ox Box™**Secondary Drainage Funnel**

Patent #8,020,581

- Ideal for adding condensate, water softener or other auxiliary lines to drain box
- Can be used in conjunction with washing machine drain hose
- Drains 7 GPM
- Securely sets into drain box through integral bottom ridges in the drain box and is held firmly in place with provided clip
- Two-piece design snaps together for fast installation and easy cleaning
- Fingers in top housing hold 1/2" CTS – 1" DWV piping firmly in place



696-CF



Item No	Description	Pkg	Min Qty	Case Qty
696-CF	Secondary drainage funnel	B*	10	10

TurboVent™ with Ox Box™**Air Admittance Valve with Outlet Box**

- Package includes:
 - TurboVent™ air admittance valve
 - Ox Box outlet box
 - DWV pipe adapter
 - Frame and louvered insert



696-11P

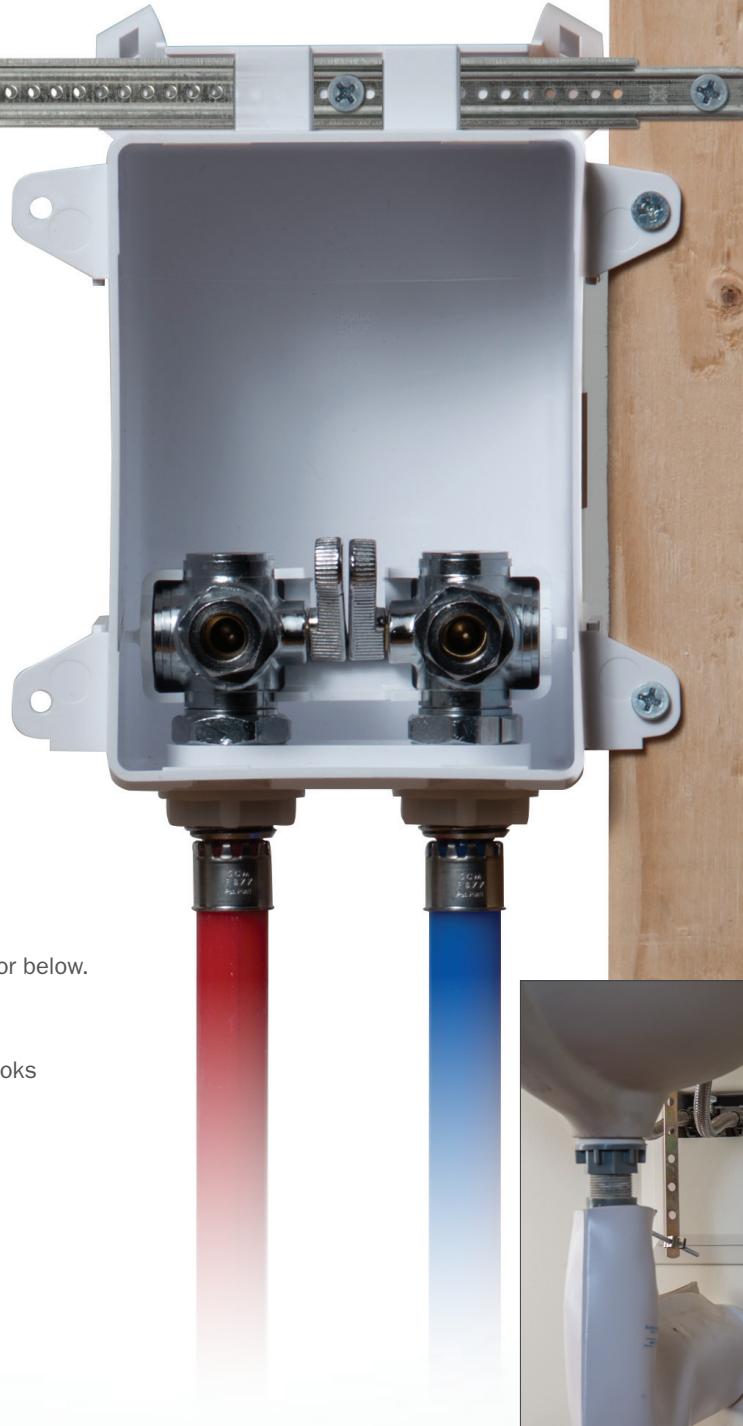


Item No	Description	Pkg	Min Qty	Case Qty
PVC				
250-696122P	TurboVent with Dual Fit Adapter & Ox Box Kit	B*	1	6
250-696R122P	TurboVent with Dual Fit Adapter & Fire-Rated Ox Box Kit	B*	1	6
696-11P	TurboVent with Adapter & Ox Box Kit, 1 1/2" Sch. 40 Hub	B*	1	6
696-12P	TurboVent with Adapter & Ox Box Kit, 2" Sch. 40 Hub	B*	1	6
ABS				
250-696122A	TurboVent with Dual Fit Adapter & Ox Box Kit	B*	1	6
250-696R122A	TurboVent with Dual Fit Adapter & Fire-Rated Ox Box Kit	B*	1	6
696-11A	TurboVent with Adapter & Ox Box Kit, 1 1/2" Sch. 40 Hub	B*	1	6
696-12A	TurboVent with Adapter & Ox Box Kit, 2" Sch. 40 Hub	B*	1	6

CLICK FOR SUBMITTAL**CLICK FOR FIRE-RATED SUBMITTAL****CLICK FOR Revit/BIM- Image****CLICK FOR Revit/BIM- RFA File**

Ox Box™

» Lavatory Outlet Box



Fast

Installs quickly with supply lines from above or below.

Standardized

One product for consistent and repeatable looks and layout.

Fixed Cost

Easy ordering, costing and billing.

Strong

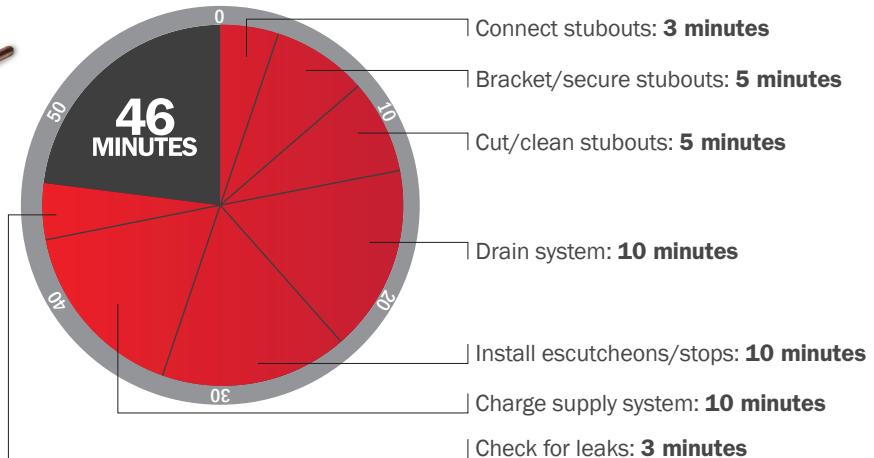
Compact ABS material. Bracket included.

Recessed

Valves are protected from job site abuse.

Installation Comparison

Traditional Installation



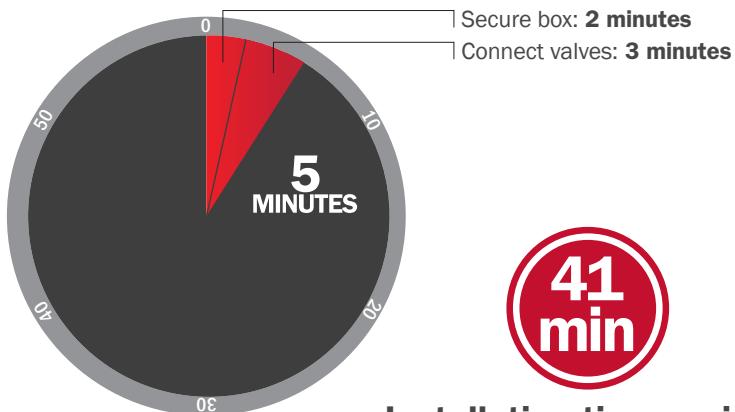
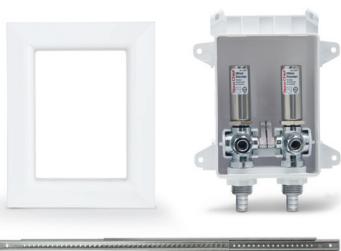
Materials

Two Stub Outs	\$ _____
Two Supply Stop Valves	\$ _____
Escutcheons	\$ _____
Bracketing Solution	\$ _____

Note: Time estimates assume all tools & materials are readily available.



Lav Box Installation



41 min

Materials

Sioux Chief Lav Box \$ _____

Installation time savings

Features & Benefits



Simple

One product, one frame. Easy sourcing, planning, costing and bidding.



Fast

Eliminates multiple touches. Eliminates the system drain-down, recharging and leak detection steps.



Savings

Material savings and labor savings transition variable costs into a known and reduced fixed cost.



Consistent

Standardized finish and valve layout every time. Every installation will look the same.



Strong

The box acts as the bracket. Added support bar protects the box during the drywall installation.



Quality

High quality valves and materials including highly durable ABS. Brass alloy is no lead, dezincification-resistant and stress-corrosion cracking-resistant.



Aesthetically Pleasing

High quality finish with beveled and contoured frame that can be painted or wall papered.



Liability vs. Warranty

Reduced chance for leak. Typical joints that are made during the finish phase are replaced by a warrantied product.



OxBox System

All OxBox products have one frame size.



Maintenance

Valve seats can be replaced if fouled by debris.



Made in USA

The OxBox is made in the USA from top quality materials, including no lead valves.



Rough-In Install

Boxes eliminate valve installation at finish, reducing the chance for leak.

Installation Options



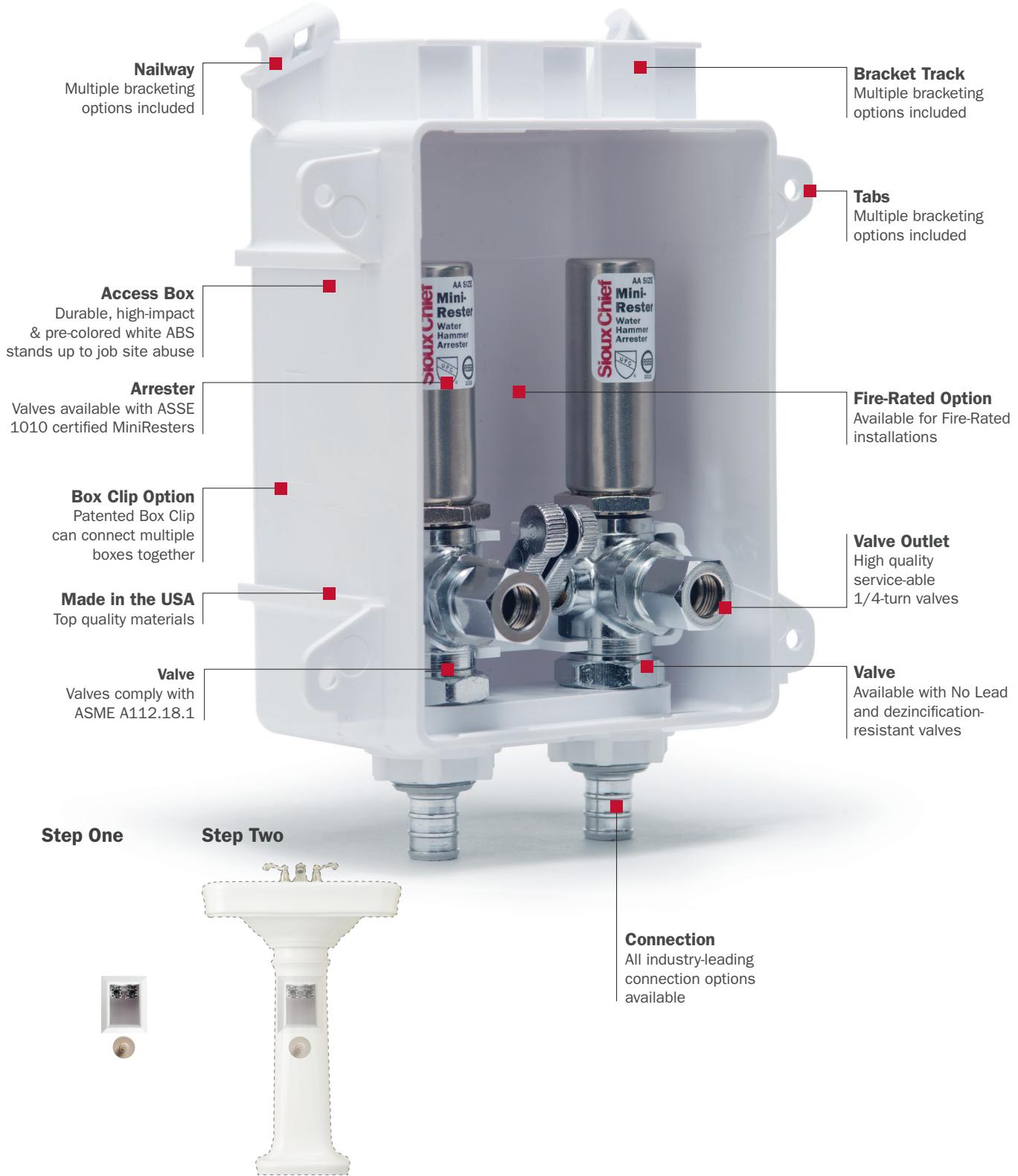
Installs on or between studs



Installs with supply from above or below

“The consistent and repeatable installations and look of the OxBox Lav Box was enticing. Its comparative time and material cost savings over traditional installations just makes sense.**”**

Tim Fortin
John W Danforth Co
Tonawanda, NY



Options & Product Variations

Arrester Product or Standard

- All boxes available in arrester options



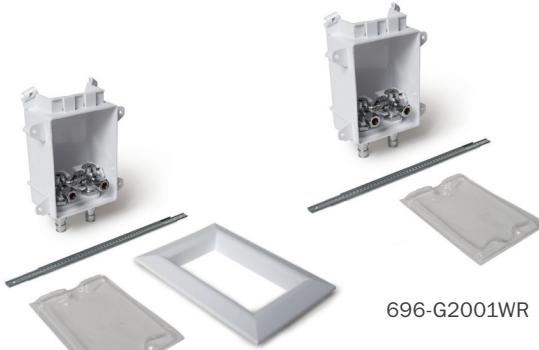
No Lead Inlet Connections

- All common connection styles available
- No lead valves are additionally dezincification-resistant and stress-corrosion cracking-resistant



Rough-In Pack or Standard Pack

- All product is either offered with frame as standard pack or without frame as rough-in pack
- Rough-in packs ship separate from frames, keeping frames clean and secure until the job's end



696-G2001WF

Fire-Rated or Regular

- Fire-rated OxBox products are certified by Intertek/Warnock Hersey to the following:

ASTM E-814

2 hours (F), 1½ hours (T)

for 2-hour design

1 hour (F), 31 min (T)

for 1-hour design

UL 1479

ASTM E-119

2 hours (F), 1½ hours (T)

for 2-hour design

1 hour (F), 31 min (T)

for 1-hour design

CAN/ULC S115



Application Variations & Layout Options

Kitchen Sink

- Couple Lav box with a single 3/8" compression or 3/4" hose water service box for all supply needs

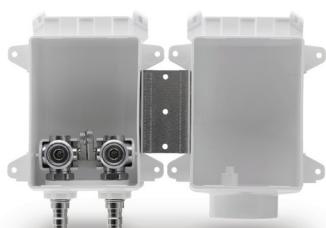


Side x Side Lav

- Perfect for residential or commercial applications
- Compact box size allows for multiple boxes & drainage in one stud bay



The OxBox System



OxBox
Washing
Machine



OxBox ONE™
Washing Machine



OxBox
Icemaker



OxBox
Toilet &
Dishwasher



OxBox
Gas



OxBox
AAV Box



OxBox 3/4" Hose
Water Service



696-G2001MR



696-G2011MF



696-G2001MF

»» Buying Information

ITEM NO.	DESCRIPTION	U/M	PKG.	MIN. QTY.	CASE QTY.
OXBOX LAV BOX – STANDARD PACK, NO LEAD					
696-G2001MF	1/2" Female Sweat	EA	BI	10	10
696-G2001CF	1/2" Male CPVC	EA	BI	10	10
696-G2001WF	1/2" ASTM F1960 PEX Grip	EA	BI	10	10
696-G2001XF	1/2" ASTM F1807 PEX Crimp	EA	BI	10	10
696-G2001AF	1/2" ASTM F2080 PEX Lock	EA	BI	10	10
OXBOX LAV BOX – ROUGH-IN PACK (1), NO LEAD					
696-G2001MR	1/2" Female Sweat	EA	BI	10	10
696-G2001CR	1/2" Male CPVC	EA	BI	10	10
696-G2001WR	1/2" ASTM F1960 PEX Grip	EA	BI	10	10
696-G2001XR	1/2" ASTM F1807 PEX Crimp	EA	BI	10	10
OXBOX LAV BOX – STANDARD PACK, NO LEAD W/ MINIRESTER ARRESTERS					
696-G2011MF	1/2" Female Sweat	EA	BI	10	10
696-G2011CF	1/2" Male CPVC	EA	BI	10	10
696-G2011WF	1/2" ASTM F1960 PEX Grip	EA	BI	10	10
696-G2011XF	1/2" ASTM F1807 PEX Crimp	EA	BI	10	10
OXBOX LAV BOX – FIRE RATED STANDARD PACK, NO LEAD					
696RG2001MF	1/2" Female Sweat	EA	BI	10	10
696RG2001CF	1/2" Male CPVC	EA	BI	10	10
696RG2001WF	1/2" ASTM F1960 PEX Grip	EA	BI	10	10
696RG2001XF	1/2" ASTM F1807 PEX Crimp	EA	BI	10	10
ACCESSORIES					
696-SC1	Solid Frame Insert W/ Valve Cutout	EA	B	10	10
696-BC	Box Clip	EA	B	10	10
696-C1	3/8" O.D. Compression Cap (2 Per Bag)	EA	B	10	10
696-EX	Frame Extension	EA	B	10	10
696-1F	OxBox Single Frame	EA	B	10	10
520-09	Sliding Support Bracket	EA	B	250	250

PACKAGING:

B = Bulk

I = Individually Bar-Coded

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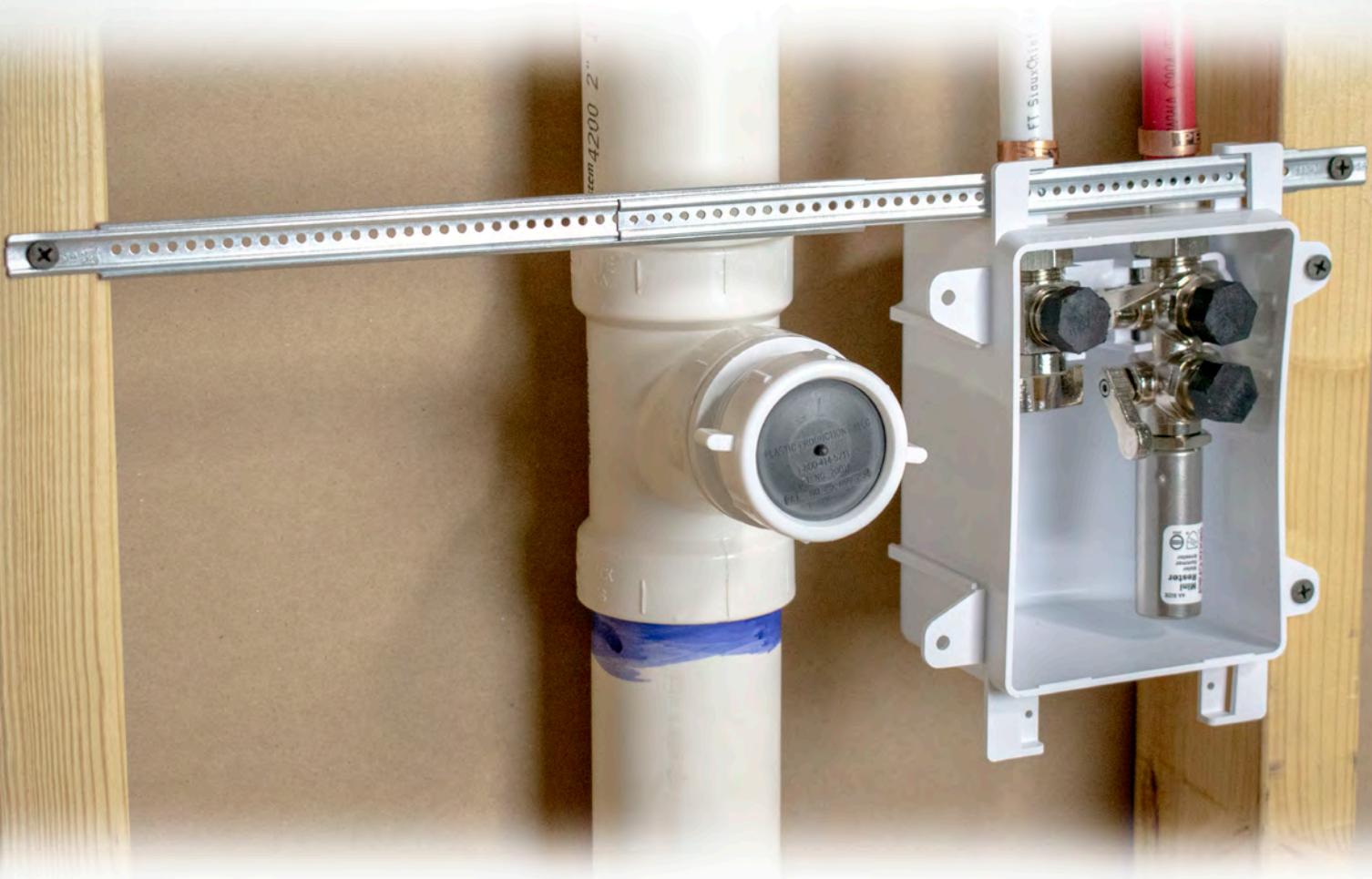
»» Build A Box: 696ABCD

A	B	C	D
-G No Lead	2001 Double 3/8" Supply Box Valve	M 1/2" Female Sweat	F Standard Pack (W/ Frame)
RG No Lead Fire Rated	2011 Double 3/8" Supply Box Valve W/ MiniRester Water Hammer Arrester	C 1/2" Male CPVC	R Rough-In Pack (Frame Sold Separately)
		W 1/2" ASTM F1960	
		X 1/2" ASTM F1807	
		A 1/2" ASTM F2080	



OxBox™

Supply Access Box for Kitchens



Fast

Installs quickly with supply from above or below.

Valves are installed at rough, keeping them on test throughout the job. No drain down.

Reduced Liability

Fewer potential leaks. Don't cut into the lines at finish.

No wobbly stub outs, exposed tube/joints, inferior valves, or unsure bracketing.

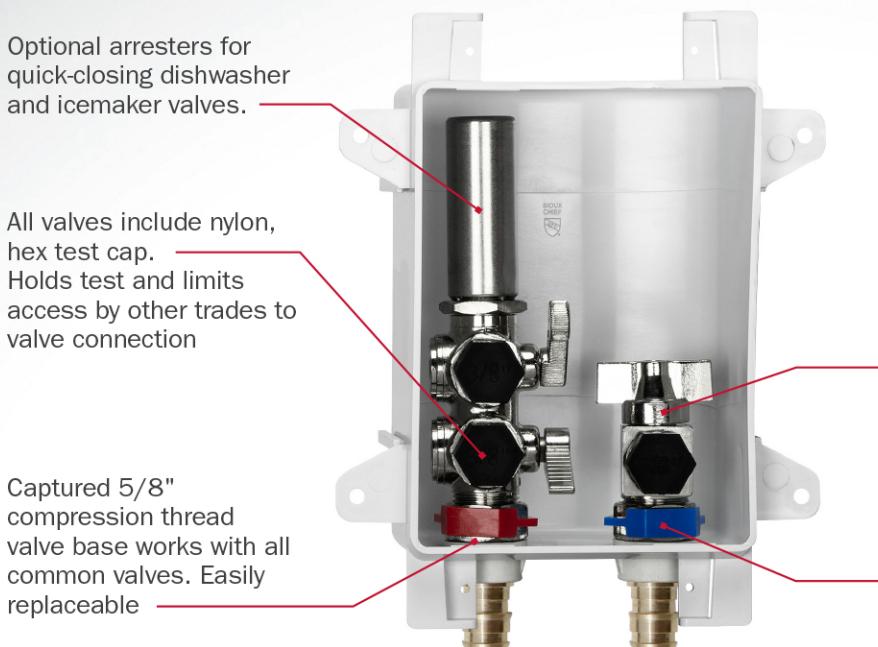
Standardized

Installations are consistent – Clean, solid and professional.

Valves are replaceable with standard 5/8" OD supply stops.

Replaces variability in installation of stub out, bracket, escutcheon, and valve.





Double Valve Flow @ 60 PSI Static

One-Fixture

Water Demand (single outlet use)

5.1 GPM (top or bottom outlet)

Two-Fixture

Water Demand (simultaneous use)

2.0 GPM (top) | 3.3 GPM (bottom)



696-G3011WR



696-G4021WR



696-1F

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Buying Information

1/2" MALE CPVC ITEM NO.	1/2" MIP/FSWT ITEM NO.	1/2" MSWT* ITEM NO.	1/2" F1960 PEX ITEM NO.	1/2" F1807 PEX ITEM NO.	DESCRIPTION	MIN. QTY.	CASE QTY.
OXBOX™ SUPPLY BOX with THREE Valve Outlets							
696-G3011CR	696-G3011MR	696-G3011PR	696-G3011WR	696-G3011XR	TWO 3/8" Hot Outlets, Hot-Side Arrester ONE 3/8" Cold Outlet	10	10
696-G3014CR	696-G3014MR	696-G3014PR	696-G3014WR	696-G3014XR	ONE 3/8" Hot Outlet ONE 3/8" Cold Outlet / ONE 1/4" Cold Outlet, Cold-Side Arrester	10	10
696-G3021CR	696-G3021MR	696-G3021PR	696-G3021WR	696-G3021XR	TWO 3/8" Hot Outlets, Hot-Side Arrester ONE 3/8" Cold Outlet, Cold-Side Arrester	10	10
696-G3024CR	696-G3024MR	696-G3024PR	696-G3024WR	696-G3024XR	ONE 3/8" Hot Outlet, Hot-Side Arrester ONE 3/8" Cold Outlet / ONE 1/4" Cold Outlet, Cold-Side Arrester	10	10
OXBOX™ SUPPLY BOX with FOUR Valve Outlets							
696-G4021CR	696-G4021MR	696-G4021PR	696-G4021WR	696-G4021XR	TWO 3/8" Hot Outlets, Hot-Side Arrester TWO 3/8" Cold Outlets, Cold-Side Arrester	10	10
696-G4024CR	696-G4024MR	696-G4024PR	696-G4024WR	696-G4024XR	TWO 3/8" Hot Outlets, Hot-Side Arrester ONE 3/8" Cold Outlet / ONE 1/4" Cold Outlet, Cold-Side Arrester	10	10
ACCESSORIES							
696-1F	White OxBox frame - paintable ABS					10	10
697-1F	Stainless steel OxBox frame					10	10
696-SC1	OxBox frame insert with hose knockout					10	10
696-EX	OxBox frame extension					10	10
305-RT	Grommet removal tool - use to remove valve from box					10	10

* Male sweat connections are Press/Push-fit compatible

OxBox ONE™

» Washing Machine Box



Compact

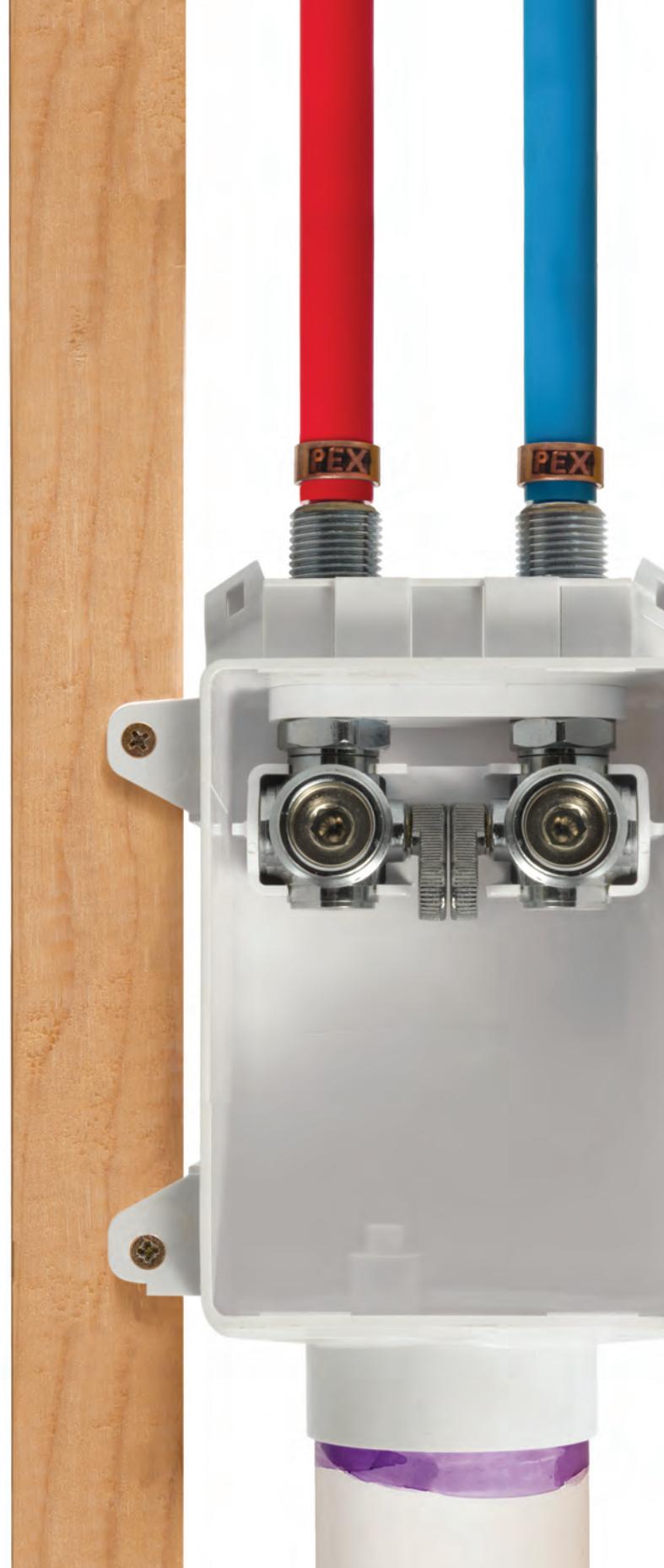
Smallest Laundry Outlet Box on the market.

Complete

Supply & Drain in one box. All common inlet connections.

OxBox System

One box, one frame. Same frame fits all
OxBox™ Laundry, Icemaker, Lavatory, and
Toilet/Dishwasher.

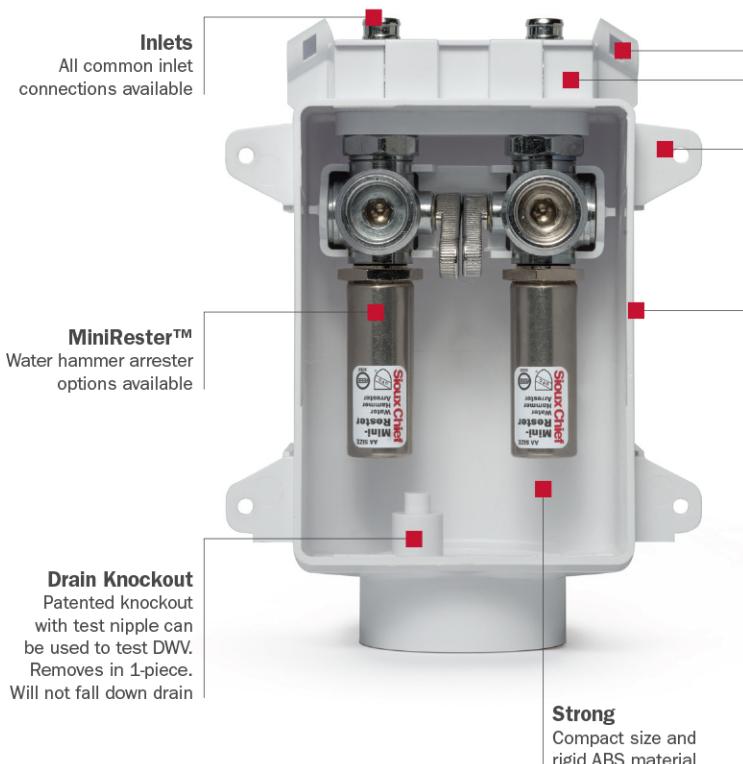


Supply Drainage Support

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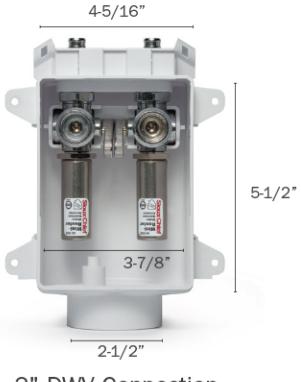
TAKE THE FIELD.

**Sioux
Chief**



Box Clip Options

Can be connected to other OxBox product for DUAL-DRAIN applications



696-2413XF



696-2403CF



696-2403WF



696-2413MF

Buying Information

ITEM NO.	DESCRIPTION	U/M	PKG.	MIN. QTY.	CASE QTY.
STANDARD PACK - LAUNDRY BOX					
696-2403MF	1/2" FSWT	EA	B*	10	10
696-2403CF	1/2" CPVC Male	EA	B*	10	10
696-2403XF	1/2" ASTM PEX F1807 Crimp	EA	B*	10	10
696-2403WF	1/2" ASTM PEX F1960 Flex	EA	B*	10	10
ARRESTER PACK - LAUNDRY BOX W/ TWO MINIRESTER WATER HAMMER ARRESTERS					
696-2413MF	1/2" FSWT W/ Arresters	EA	B*	10	10
696-2413CF	1/2" CPVC Male W/ Arresters	EA	B*	10	10
696-2413XF	1/2" ASTM PEX F1807 Crimp W/ Arresters	EA	B*	10	10
696-2413WF	1/2" ASTM PEX F1960 Flex W/ Arresters	EA	B*	10	10

PACKAGING:



B = Bulk

* Individually Bar-Coded

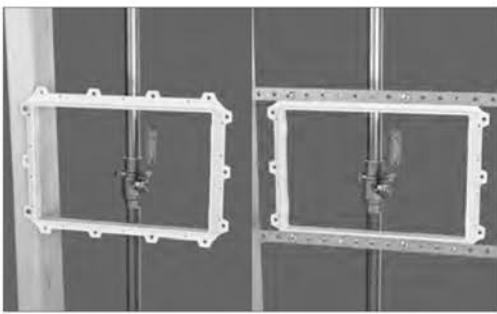
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970-269S



Over/Under™ Access Panel

Two-Piece

Patent #D635,098

- Easily installs before or after wallboard installation
- No need for glue or adhesives
- Provides instant access to plumbing, electrical, telephone and other electronic cables
- Pre-wallboard installation works with $\frac{1}{2}''$ – $\frac{3}{4}''$ wallboard thickness
- Can be painted or wallpapered
- Seamless finish panel is beveled and textured
- Durable HIPS material

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Item No	Dimensions		Material	Pkg	Min Qty	Case Qty
	Outside	Inside Panel				
970-269S	$8\frac{1}{2}'' \times 11\frac{1}{2}''$	$6'' \times 9''$	HIPS	B*	1	6
970-214S	$16\frac{1}{2}'' \times 16\frac{1}{2}''$	$14'' \times 14''$	HIPS	B*	1	6

Plastic Access Panel

Two-Piece

- Provides instant access to plumbing, electrical, telephone and various other electronic cables
- Easy installation
- Can be installed before or after drywall installation
- Can be painted or wallpapered
- Textured panel
- Durable HIPS material

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Item No	Dimensions		Material	Pkg	Min Qty	Case Qty
	Outside	Inside Panel				
970-208	$10\frac{1}{4}'' \times 10\frac{1}{4}''$	$8'' \times 8''$	white ABS	B*	1	12
970-214	$17'' \times 17''$	$14'' \times 14''$	white ABS	B*	1	12

Plastic Access Panel

One-Piece

- Provides economical access to pressure and drainage plumbing, pipes and wiring
- Surface allows for painting or wallpapering
- $\frac{1}{8}$ " thick
- Four countersunk holes



970-112

Item No	Dimensions	Material	Pkg	Min Qty	Case Qty
970-112	12" x 12"	white ABS	B	20	20
970-117	17" x 17"	polystyrene	B	12	12



Metal Access Panel

Hinged Two-Piece

- Provides instant access to plumbing, electrical, telephone and various other electronic cables
- Easy installation
- Can be painted
- Made in the USA



971-1414

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Related Products

Electronic Trap Primer Recessed Box p 237

Item No	Dimensions		Material	Pkg	Min Qty	Case Qty
	Outside	Inside Panel				
971-1414	15 $\frac{1}{4}$ " x 15 $\frac{1}{4}$ "	14" x 14"	Painted steel	B	1	1
971-1430	15 $\frac{1}{4}$ " x 31 $\frac{1}{4}$ "	14" x 30"	Painted steel	B	1	1



PipeDown™

» Acoustical Pipe Support System



Quiet

When acoustical job specifications appear on the plans, know that Sioux Chief has the most versatile products for reducing plumbing noise associated with potable water supply lines.

Complete

The most complete variety of clamps, brackets, cushions and liners that totally isolate the tube or pipe from direct contact with the building structure.

Reliable

Our TPE material has been tested and is compatible with copper, PEX and CPVC. All products are backed by our 25-year warranty.



CATEGORY	ITEM NO.	DESCRIPTION	U/M	MIN. QTY.	CASE QTY.
ACOUSTICAL PadLock™					
	551-P2Q	1/2" CTS PadLock™ with drill-tip screw	EA	25	25
	551-P3Q	3/4" CTS PadLock™ with drill-tip screw	EA	25	25
	551-P4Q	1" CTS PadLock™ with drill-tip screw	EA	25	25
	551-P5Q	1-1/4" CTS PadLock™ with drill-tip screw	EA	25	25
THRU-STUD SUSPENSION INSULATOR					
	557-2Q	1/2" CTS Thru-Stud Suspension Insulator	EA	50	50
	557-3Q	3/4" CTS Thru-Stud Suspension Insulator	EA	50	50
	557-4Q	1" CTS Thru-Stud Suspension Insulator	EA	25	25
	557-5Q	1-1/4" CTS Thru-Stud Suspension Insulator	EA	25	25
PowerBar™ BRACKET WITH PRE-LOADED TouchDown™ CLAMPS					
	523-1624Q	Bracket for 16" Studs W/ 2 TouchDown™ Clamps and Noise Blocks	EA	25	25
	523-1634Q	Bracket for 16" Studs W/ 3 TouchDown™ Clamps and Noise Blocks	EA	25	25
	523-2424Q	Bracket for 24" Studs W/ 2 TouchDown™ Clamps and Noise Blocks	EA	25	25
	523-2434Q	Bracket for 24" Studs W/ 3 TouchDown™ Clamps and Noise Blocks	EA	25	25
PowerBar™ – BRACKET ONLY					
	523-16	Bracket for 16" Studs	EA	50	50
	523-1604	Bracket for 16" Studs W/ Screws	EA	50	50
	523-24	Bracket for 24" Studs	EA	50	50
	523-2404	Bracket for 24" Studs W/ Screws	EA	50	50
PowerBar™ TouchDown™ CLAMP					
	523-5500Q	Adjustable Clamp W/ PowerBar™ Foot for 1/4" – 1" CTS, Bulk	EA	100	100
	523-5501Q	Adjustable Clamp W/ PowerBar™ Foot for 1/4" – 1" CTS, 1 set/bag	BG	100	100
	522-100B	Noise Block for TouchDown™ Clamp, 100/bag	BG	1	10
	522-100BPK2	Noise Block for TouchDown™ Clamp, 10/bag	BG	1	10
DROP-EAR 90 CUSHION – MUST USE WITH PowerBar™					
	523-DEQ	Drop Ear 90 Cushion Kit, 1/bag	EA	1	25
	523-DEQ50	Drop Ear 90 Cushion Only – Bulk 50/bag	BG	1	4
TouchDown™ CLAMP					
	550-11Q	TouchDown™ Adjustable Clamp for 1/4" – 1" CTS	EA	100	100
	550-11QPK2	TouchDown™ Adjustable Clamp for 1/4" – 1" CTS, 10/bag	BG	1	10
	522-100B	Noise Block for TouchDown™ Clamp, 100/bag	BG	1	10
	522-100BPK2	Noise Block for TouchDown™ Clamp, 10/bag	BG	1	10

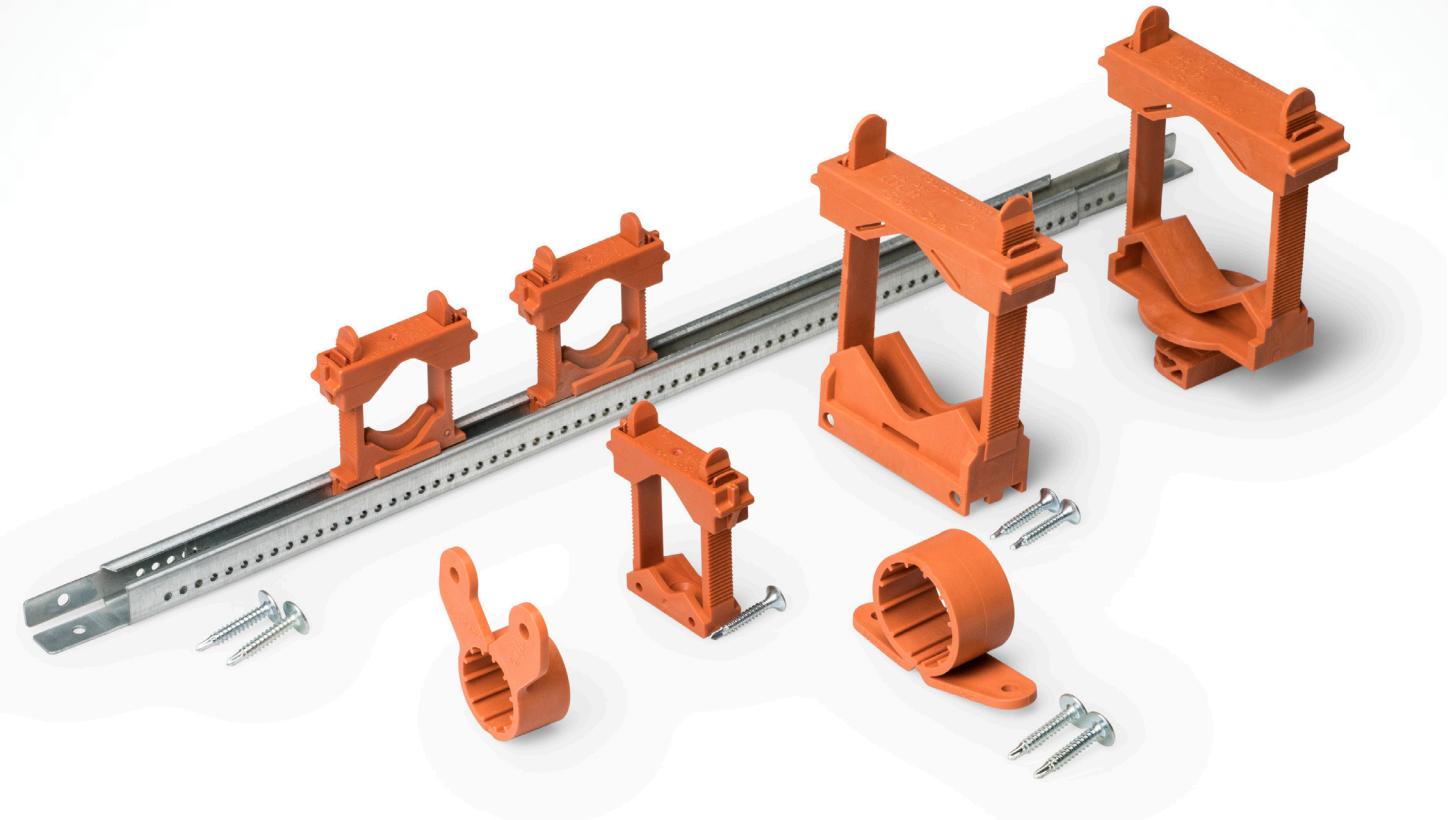
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CATEGORY	ITEM NO.	DESCRIPTION	U/M	MIN. QTY.	CASE QTY.
TD+™ UNIVERSAL PIPE CLAMP (1/2" CTS – 2" Sch 40) – FLAT BASE					
	550-2111Q	Acoustical Clamp with 2 cushions – bagged set	BG	1	50
	550-2111QPK2	Acoustical Clamp with 2 cushions – bagged set	BG	10	10
	550-2112Q	Acoustical Clamp with 2 Bridges & 4 cushions – bagged set	BG	1	25
	550-210	TD+™ Bridge Only	EA	25	250
	550-214QPK2	TD+™ Cushion Only, 10/bag	BG	1	10
	550-214QPK3	TD+™ Cushion Only, 50/bag – bulk	BG	1	4
TD+™ UNIVERSAL STRUT CLAMP (1/2" CTS – 2" Sch 40)					
	550-2121Q	Acoustical Strut Clamp with 2 cushions – bagged set	BG	1	25
	550-2122Q	Acoustical Strut Clamp with 2 bridges & 4 cushions – bagged set	BG	1	25
	550-210	TD+™ Bridge Only	EA	25	250
	550-214QPK2	TD+™ Cushion Only, 10/bag	BG	1	10
	550-214QPK3	TD+™ Cushion Only, 50/bag – bulk	BG	1	4
ACOUSTICAL SWIVEL LOOP HANGERS					
	514-G02Q	1/2" CTS Adjustable Swivel Loop Hanger	EA	50	50
	514-G03Q	3/4" CTS Adjustable Swivel Loop Hanger	EA	50	50
	514-G04Q	1" CTS Adjustable Swivel Loop Hanger	EA	25	25
	514-G05Q	1-1/4" CTS Adjustable Swivel Loop Hanger	EA	25	25
	514-G06Q	1-1/2" CTS Adjustable Swivel Loop Hanger	EA	25	25
	514-G07Q	2" CTS Adjustable Swivel Loop Hanger	EA	10	10
BumperPad™					
	575-510Q	2" x 2" x 3/4" Riser Clamp Cushion	EA	25	25
	575-511Q	2" x 2" x 3/4" Riser Clamp Cushion W/ Flat GF Polypro Plate	EA	25	25
	575-512Q	2" x 2" x 3/4" Riser Clamp Cushion W/ Formed GF Polypro Plate	EA	25	25
ACOUSTICAL WRAP AND PIPE LINER					
	575-100Q	2-1/4" x 100' Roll, Felt, Self-Adhesive, 1 Roll/bag	EA	1	12
	575-101Q	3/4" x 25' TPE Channel, 1 Roll/box	BX	1	10
	575-102Q	2" x 25' TPE, Self-Adhesive Wrap, 1 Roll/box	BX	1	10

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PlenumSafe™

» E84 Clamps, Hangers & Pipe Supports



Complete

A variety of sizes and models means the right pipe clamp or hanger for any return air plenum application.

Non-Corrosive

Non-metallic polyvinylidene fluoride (PVDF) material eliminates all worries about rust or dissimilar metals.

Compliant

Meets the ASTM E84 25/50 flame spread and smoke opacity rating, as well as the UL94 V-0 flame rating.

Meets International Mechanical Code (IMC) Section 602: Plenums

Meets Uniform Mechanical Code (UMC) Section 602.2: Combustibles Within Ducts & Plenums.



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» Buying Information

ITEM #	DESCRIPTION	U/M	PKG.	MIN. QTY.	CASE QTY.
Suspension Clamp					
557F2	E84 1/2" CTS Suspension Clamp	EA	B	100	1000
557F3	E84 3/4" CTS Suspension Clamp	EA	B	50	500
557F4	E84 1" CTS Suspension Clamp	EA	B	50	500
557F5	E84 1-1/4" CTS Suspension Clamp	EA	B	10	10
557F6	E84 1-1/2" CTS Suspension Clamp	EA	B	10	10
557F7	E84 2" CTS Suspension Clamp	EA	B	10	10
Insulator					
558FM2	E84 1/2" CTS PipeEye	EA	B	10	100
558FM3	E84 3/4" CTS PipeEye	EA	B	10	100
558FM4	E84 1" CTS PipeEye	EA	B	5	25
558F23	E84 1/2" & 3/4" CTS BiFolator	EA	B	100	1000
Tube Clamp					
559F2	E84 1/2" CTS Tube Clamp	EA	B	100	1000
559F3	E84 3/4" CTS Tube Clamp	EA	B	50	500
559F4	E84 1" CTS Tube Clamp	EA	B	50	500
559F5	E84 1-1/4" CTS Tube Clamp	EA	B	10	10
559F6	E84 1-1/2" CTS Tube Clamp	EA	B	10	10
559F7	E84 2" CTS Tube Clamp	EA	B	10	10
PowerBar Universal Bracket					
523F2424	(1) Bracket, (2) E84 TouchDown Clamps, (4) #8 Self-Drilling Pan Head Phillips Screws	EA	B	50	50
523F500	E84 TouchDown Clamps: (100) Bases, (100) Bridges, (100) Screws - Bulk	EA	B	100	100
TouchDown Clamp					
550F11	E84 TouchDown Clamp: (1) Bridge, (1) Base, (1) #6 Self-Drilling Bugle Head Phillips Screws - Bagged	EA	B	100	100
550F11E	E84 TouchDown Beam Clamp - Bagged	EA	B	25	100
TouchDown II Clamp					
550F20	E84 TouchDown II: (1) Bridge, (1) Base, (2) #6 Self-Drilling Bugle Head Phillips Screws - Bagged	EA	B	25	25
550F20E	E84 TouchDown II Beam Clamp - Bagged	EA	B	25	25
550F2T	E84 TouchDown II: Strut Clamp - Bagged	EA	B	5	5
550F22T	E84 TouchDown II Strut Clamp 50/box - Bulk	BX	B	1	1



File 3163

Material Specifications

Polyvinylidene Fluoride (PVDF)
 Maximum Temperature: 140°F (60°C) continuous
 Maximum Suspended Load Rating: 25-lbs.
 TouchDown Clamp Range: 0.375" - 1.315"
 TouchDown II Clamp Range: 0.625" - 2.375"

PACKAGING:
 B = Bulk

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“Because of your commitment to America I can assure you we will give Sioux Chief preferential consideration when purchasing inventory for our facility. I appreciate both your patriotism and your loyalty to the people of our great country.”

Russ Knight, VP
Gulf Coast Plumbing and Electrical Supply Inc.

WATER HAMMER CONTROL

» An Explanation and Solution to Water Hammer

Water hammer can occur in any type of piping system- small, medium or large. Whether you are designing a residential condo project, a commercial office tower or an industrial laundry facility in a high-rise hotel, proper methods for water hammer control need to be employed during the design stages of construction. This Engineer Report will explain the physics of water hammer and the best methods of water hammer control for residential, commercial and industrial piping systems.





Flowing water lines, like trains, are hard to stop quickly. While they can be stopped by a valve or faucet, the sudden stop no doubt results in a serious pressure surge. The analogy may seem extreme, yet the truth is every time a flowing water column is stopped abruptly, a small train wreck occurs in your water line. The longer the line, and the faster the flow, the more momentum the “train” will carry. Even though these collisions in your lines are small, their long-term effects can and will result in large-scale damage throughout the piping system.

The Science

» Explaining the Physics of Water Hammer

This section covers the physics of uncontrolled water hammer and its damaging effects as they pertain to any piping system. We also review the history of water hammer in plumbing systems, previous attempts to control water hammer, and why these methods failed.

What Is Water Hammer

The term “water hammer” is used to describe the pressure surges, audible noise and destructive forces associated with the transfer of kinetic energy into the piping system due to an abrupt change in velocity of a non-compressible fluid. For the purpose of this discussion, the non-compressible fluid is usually water, and the change in velocity usually occurs when the flowing water comes to a sudden and complete stop due to valve or faucet closure. Thus, in the equations below, the initial flowing velocity is always equal to the change in velocity. (Example: Initial flowing velocity is 8 feet per second and, when the flow is completely stopped, zero feet per second. The change in velocity is 8 - 0 or 8 fps, which is equal to the initial flowing velocity of 8 fps.)

The two main factors necessary to create water hammer in a piping system are the initial speed (velocity) of the flowing water and an abrupt change to this flowing water velocity. When a water column is stopped abruptly, the momentum force in the flowing water (kinetic energy) quickly transforms into a pressure rise within the pipe. The amount of force (KE ft/lbs) within the flowing water can be calculated by the formula for kinetic energy:

$$KE = \frac{1}{2} mv^2$$

When considering KE within a piping system, the mass (m) can be substituted with the physics characteristics of water within a cylindrical pipe (i.e., specific weight, cross-sectional area, length, plus gravitational constant). Velocity (v) is calculated in feet per second (fps), which can easily be converted from the known gpm and pipe size. For a plumbing or piping system, the kinetic energy formula can be expressed as this:

$$KE = .97 \times A \times L \times v^2$$

A = Cross sectional area of pipe I.D. in square feet

L = Length of effective pipe in feet

v = Velocity of flowing water in feet per second

Since we can calculate the kinetic energy, we can also calculate the actual “pressure rise” within a piping system by using Joukowsky’s Formula:

$$pr = wav / 144g$$

pr = Pressure rise above flow pressure (psig)

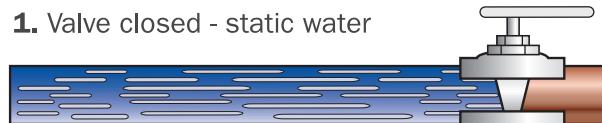
w = Specific weight of liquid (water = 62.4 lbs/ft³)

a = Velocity of pressure wave in feet per second (fps)
(4000 – 4500 fps in metal pipe)

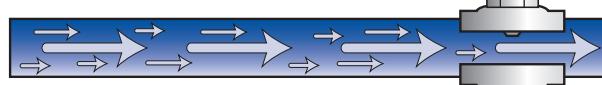
v = Change in flow velocity in feet per second (fps)

g = Gravitational constant (32.2 fps²)

1. Valve closed - static water



2. Valve open - moving water



3. Valve closes - WATER HAMMER



Commercial Installation Guide

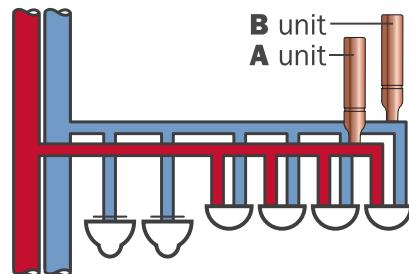
For water hammer control in commercial plumbing applications, such as water closets, urinals and lavs in public restrooms, use the following sizing and placement guidelines based on fixture units.

DETERMINING ARRESTER SIZE BY FIXTURE UNITS

The National Plumbing Code offers this definition of fixture unit: "A fixture-unit is a quantity in terms of which the load producing effects on the plumbing system of different kinds of plumbing fixtures are expressed on some arbitrarily chosen scale." The fixture unit values shown in Table 1 below represent the standard ratings used by engineers to size water distribution systems as well as water hammer arresters. "Public" fixtures, as referred to in Table 1 below, are fixtures found in public rest rooms, office buildings and other places where each fixture is open and accessible for use at all times.

MULTIPLE FIXTURE BRANCH LINES

On many types of applications, a single arrester must serve multiple fixtures. In these cases, the total fixture units should be determined for all fixtures served by the branch line where the arrester is to be placed. Once the fixture units for the branch line have been totaled, choose the appropriate arrester by matching fixture units in the table (below) to the arrester size with the corresponding fixture unit capacity. If the total number of fixture units has a fraction, it should be rounded to the next largest whole number. In addition, if the flow pressure at the fixture exceeds 65 psig, the next largest size water hammer arrester should be used.



ARRESTER PLACEMENT ON MULTI-FIXTURE BRANCH LINES

Once the correct size arrester has been determined, the final concern is placement of the arrester within the system. Arrester placement depends on the length of the branch line on which the arrester is to be installed, which can be divided into two cases which are described below:

BRANCH LINES OF 20 FEET OR LESS

(See Figure 1)

Place arrester at the end of the branch line within 6 feet of the last fixture served, as illustrated on page 15.

BRANCH LINES OVER 20 FEET

(See Figure 2)

Calculate fixture units for each 20-foot section separately and place an arrester at the end of each 20-foot section (within 6 feet of the last fixture served in that section) as illustrated in Figure 2 on page 15.

TABLE 1

Fixture	Type of Supply Control	Fixture Units					
		Public			Private		
		Total	C.W.	H.W.	Total	C.W.	H.W.
Water Closet 1.66 PF	Flush Valve	8	8	-	5	5	-
Water Closet 1.66 PF	Flush Tank	5	5	-	2.5	2.5	-
Pedestal Urinal 1.06 PF	Flush Valve	4	4	-	-	-	-
Stall or Wall Urinal	Flush Valve	4	4	-	-	-	-
Stall or Wall Urinal	Flush Tank	2	2	-	-	-	-
Lavatory	Faucet	2	1-1/2	1-1/2	1	1	1
Bathtub	Faucet	4	2	3	2	1-1/2	1-1/2
Shower Head	Mixing Valve	4	2	3	2	1	2
Bathroom Group	Flush Valve Closet	-	-	-	8	8	3
Bathroom Group	Flush Tank Closet	-	-	-	6	6	3
Separate Shower	Mixing Valve	-	-	-	2	1	2
Service Sink	Faucet	3	3	3	-	-	-
Laundry Tubs (1-3)	Faucet	-	-	-	3	3	3
Combination Fixture	Faucet	-	-	-	3	3	3
Clothes Washer	Solenoid Valves	-	-	-	4	3	3
Dishwasher	Solenoid Valve	-	-	-	1.5	-	1.5
Ice Maker	Solenoid Valve	-	-	-	1	1	-

TABLE 2

Arrester Size	AA	A	B	C	D	E	F
Fixture Units	1-4	5-11	12-32	33-60	61-113	114-154	155-330



Industrial Installation Guide

©1996 Sioux Chief Manufacturing

The formula below was developed by Sioux Chief as an alternative method of sizing the necessary arrester capacity for large commercial and industrial applications. In these situations, the formula shown below can be used to select the correct size arrester for any given system.

$$C = \frac{1.5 \times L \times V^2}{D^2 \times (P_f + 14.7) \times Y}$$

L = Effective pipe length (in feet)

V = Change in Velocity (in gallons per minute)

D = I.D. of pipe (in inches)

P_f = Flow pressure (PSIG)

Y = A function of **P_{ma}**/**P_{fa}** (see graph on following page)

P_{ma} = Maximum allowable pressure (PSIG)

C = Required arrester capacity (in cubic inches)

EXAMPLE

Description of System

L Length of pipe = 200 feet. This is the effective pipe length of the branch line serving the hammering valve. This is where the energy is. As the same flow goes through larger pipes, such as the main trunk line, the energy calculates to be very low and inconsequential.

V Change in velocity = 120 gpm. We can usually assume that our initial flow rate (120 gpm) is equal to the change in velocity, because when we shut off a valve completely, the resultant velocity is always 0. Thus, 120 - 0 = 120. However, if the valve does not completely shut off, and the velocity changes from 120 gpm to 40 gpm, V would then equal 120 - 40 = 80 gpm. This is the most critical factor in the formula, and usually the most difficult to get on an existing installation.

D Pipe size = 3". Try to use the actual I.D. of the pipe if possible. The nominal size of the pipe will get you close to the right answer, but the actual I.D. size will be more accurate.

P_f Flow pressure = 60 psig. This variable is the gauge pressure at the valve when the valve is on. In the formula, we add 14.7 psi (atmospheric pressure) to the gauge pressure to convert it to absolute or **P_{fa}**.

P_{ma} Maximum allowable pressure = 150 psi. This variable represents the pressure to which the sized arrester will limit the shock. It can vary depending on input from the plumber or yourself, but 150 psig is generally used because most plumbing equipment is rated at 150 psig. Also we have observed little or no water hammer noise at this level. In the formula, we add 14.7 psi (atmospheric pressure) to the gauge pressure to convert it to absolute or **P_{ma}**.

FORMULA CALCULATIONS

First we should calculate for the Y Factor. This variable answers the question "What is the maximum allowable pressure in relationship to the flow pressure? Is it twice as much?" To determine this you must divide the maximum allowable pressure (remember to add 14.7 to convert **P_{ma}** to **P_{fa}**) by the flow pressure (remember to add 14.7 to convert **P_f** to **P_{fa}**).

$$P_{ma} / P_{fa} = (150 + 14.7) / (60 + 14.7) = 2.2$$

$$P_{ma} / P_{fa} = 2.2$$

Next, look at the graph (on following page) and find the intersection of **2.2** and the **Y** curve. Follow that point straight down to the X axis to read **35**. In this example, **Y = 35**.

Now that you have all the variables, do the original calculation:

$$C = \frac{1.5 \times 200 \times 120^2}{3^2 \times (60 + 14.7) \times 35}$$

$$C = 184 \text{ in}^3$$

ARRESTER SIZING

Choose an arrester that is equal to or larger than the necessary capacity in your calculation. In this example, a 200 cubic inch industrial arrester is the correct choice.

ARRESTER PLACEMENT

Place arrester on supply side of culprit valve within the last 5% of supply line to the valve. In this example, place arrester within 10 feet of the valve.

Mini-Rester™

Residential Water Hammer Arrester



- All Mini-Resters™ are approved for sealed wall installations with no access panel required
- Certified by ASSE as AA size to the ANSI/ASSE 1010-2004 Standard †
- May be installed at any angle



Washing Machine 660-HB



Tub/Shower Valve 660-TS



Ice Maker 660-TROB



Dishwasher 660-TR1B

Ox Box
Washing
Machine
and
Ice
Maker

▲ Recommended

▼ As Needed

Lav/Sink Supply
660-TR1BToilet Ballcock
660-TKB**2012 Uniform Plumbing Code (UPC/IAPMO)**

609.10 Water Hammer: All building water supply systems in which quick-acting valves are installed shall be provided with devices to absorb the hammer caused by high pressures resulting from the quick closing of these valves. These pressure-absorbing devices shall be approved mechanical devices. Water pressure-absorbing devices shall be installed as close as possible to quick-acting valves.

609.10.1 Mechanical Devices: When listed mechanical devices are used, the manufacturers' specifications as to location and method of installation shall be followed.

2012 International Plumbing Code (IPC)

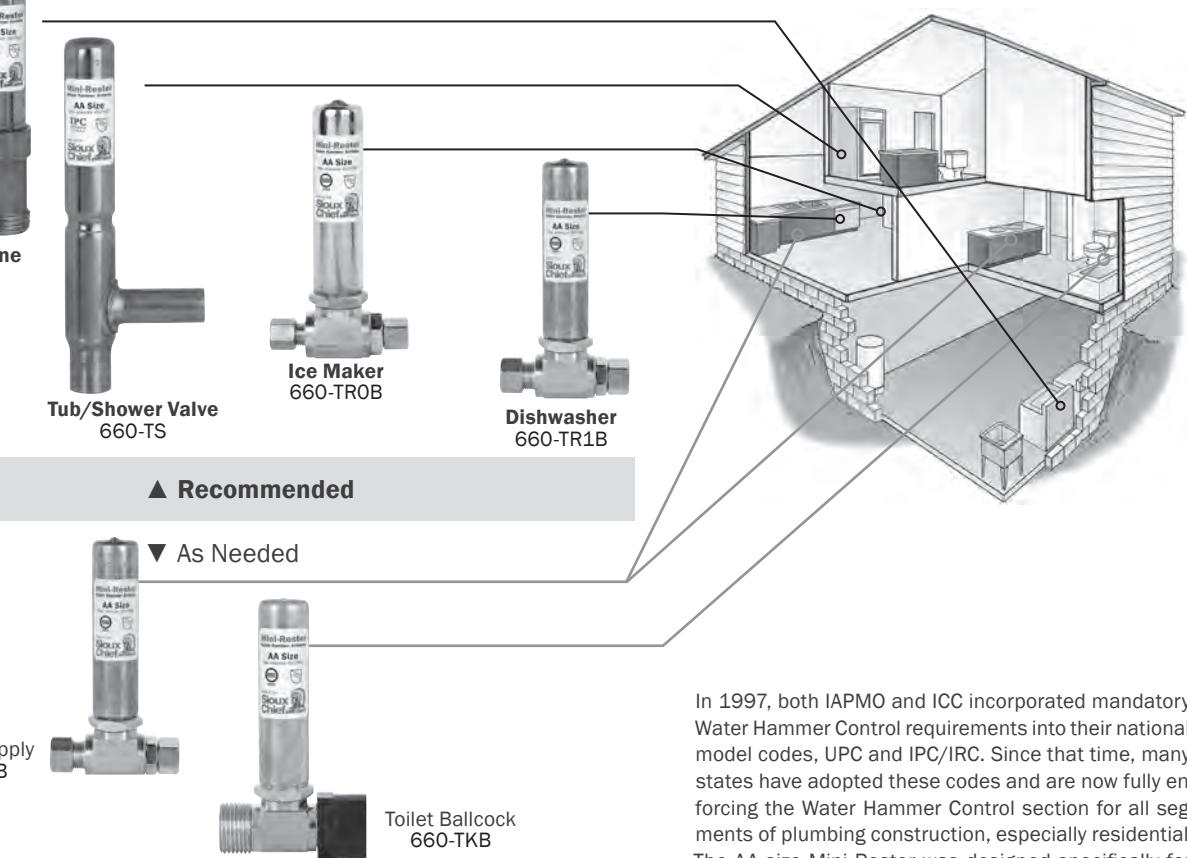
604.9 Water hammer: The flow velocity of the water distribution system shall be controlled to reduce the possibility of water hammer. A water-hammer arrester shall be installed where quick-closing valves are utilized. Water hammer arresters shall be installed in accordance with the manufacturer's specifications. Water-hammer arresters shall conform to ASSE 1010.

IPC**No Lead Compliant**

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.



† Except: 660-C, 660-CB, 660-3SB & 660-TS series

Residential Installation Guide

In 1997, both IAPMO and ICC incorporated mandatory Water Hammer Control requirements into their national model codes, UPC and IPC/IRC. Since that time, many states have adopted these codes and are now fully enforcing the Water Hammer Control section for all segments of plumbing construction, especially residential. The AA size Mini-Rester was designed specifically for residential fixtures, and has made these code requirements feasible, affordable, easily inspected, and enforced. Sioux Chief recommends ASSE certified AA size arresters (Mini-Resters) installed at the very least on supply lines (both hot and cold) for washing machines, dishwashers, ice makers, and tub/shower valves to satisfy the minimum requirements of these codes. Arresters should be installed within six feet of the valve. All Sioux Chief Mini-Resters are AA size, regardless of connection size, and therefore are all equal in arrester capacity. Certain connection models may be intended for specific fixture applications, but other AA Mini-Rester models will control hammer on the same fixture just as well.

For High-Flow Garden Tub Valves and Multi-Head Shower Valves: Install 653-B Hydra-Resters® (p 229) on both hot and cold supply lines within six feet of the valve.

For Lawn Irrigation Zone Valves: On ¾" service line, install one 653-B Hydra-Rester within six feet of each valve or group of valves. On 1" service line: Install one 654-C Hydra-Rester (p 229) within six feet of each valve or group of valves.

Mini-Rester™

Residential Water Hammer Arrester

Tee

- Full slip tee sweats in-line on 1/2" CTS near problem valve or fixture
- Hose tee arresters install on washing machine supply valves or directly to washing machine

Tub/Shower Tee

- Sweat branch arresters install easily on sweat tub/shower valves
- FIP swivel thread arresters install on MIP tub/shower valves. No more heat damaged cartridges from soldering valve



660-TS88 660-TSX

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Item No	Kit Code	Description	NO LEAD	Pkg	Min Qty	Case Qty
TEE						
660-T22	—	1/2" full-slip female sweat tee	✓	B	25	25
660-HB	—	3/4" female swivel hose thread × 3/4" male hose thread tee		B	25	25
660-H	—	3/4" female swivel hose thread × 3/4" male hose thread tee, clamshell	C*	6	6	
660-TKB	—	Female swivel ballcock nut × male ballcock thread tee		B	25	25
660-TK	—	Female swivel ballcock nut × male ballcock thread tee, clamshell	C*	6	6	
TUB/SHOWER VALVE						
660-TS	—	1/2" male sweat open end branch × 1/2" female sweat tee	✓	B	25	25
660-TS8	—	1/2" x 8" stub out × 1/2" female sweat tee	✓	B	25	25
660-TS88	—	1/2" x 8" double stub out × 1/2" female sweat tee	✓	B	25	25
660-TSX	63	1/2" male sweat × 1/2" PEX F1807 crimp tee	✓	B	25	25
660-TSX88	—	1/2" x 8" double stub out × 1/2" F1807 PEX tee	✓	B	25	25
660-TS7	64	1/2" FIP swivel × 1/2" F1807 PEX tee	✓	B	25	25
660-TSV7	—	1/2" FIP swivel × 1/2" CPVC tee		B	25	25



660-TS88



660-TS7

660-TSV7



660-TW2



660-TX2B



660-TA2B



660-TB



660-TRB

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Mini-Rester™

Residential Water Hammer Arrester

PEX Tee

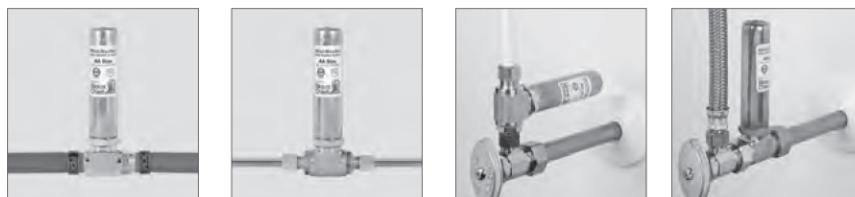
- Great for in-line PEX installation for quick closing faucets
- ASTM F1807 PEX Tee †
- ASTM F1960 PEX Tee †
- ASTM F2080 PEX Tee †

Compression Tee

- Install in-line on ice maker lines, lav or dishwasher supply tubes

Female Compression Tee

- Installs either between stub out and supply stop, or between supply stop and supply tube for faucets, dishwashers, toilets or ice makers



Item No	Description	NO LEAD	Pkg	Min Qty	Case Qty
PEX TEE					
660-TW2	1/2" PEX cold expansion tee F1960		B	25	25
660-TX1B	3/8" PEX crimp tee F1807		B	25	25
660-TX1	3/8" PEX crimp tee F1807, clamshell	C*	6	6	
660-TX2B	1/2" PEX crimp tee F1807		B	25	25
660-TX2	1/2" PEX crimp tee F1807, clamshell	C*	6	6	
660-TA2B	1/2" PEX cold expansion tee F2080		B	1	25
COMPRESSION TEE					
660-TC0B	1/4" O.D. compression tee for ice maker tube		B	25	25
660-TC0	1/4" O.D. compression tee for ice maker tube, clamshell	C*	6	6	
660-TC1B	3/8" O.D. compression tee for supply tube		B	25	25
660-TC1	3/8" O.D. compression tee for supply tube, clamshell	C*	6	6	
660-TB	5/8" O.D. compression tee for 1/2" nom. copper tube		B	25	25
660-T	5/8" O.D. compression tee for 1/2" nom. copper tube, clamshell	C*	6	6	
660-GT	5/8" O.D. compression tee, no lead for 1/2" nom. copper tube, clamshell	✓	C*	6	6
660-GTB	5/8" O.D. compression tee, no lead for 1/2" nom. copper tube, bulk	✓	B	25	25
FEMALE COMPRESSION TEE					
660-TR0B	1/4" O.D. comp. x 1/4" O.D. female comp.		B	25	25
660-TR0	1/4" O.D. comp. x 1/4" O.D. female comp., clamshell	C*	1	6	
660-TR1B	3/8" O.D. comp. x 3/8" O.D. female comp.		B	25	25
660-TR1	3/8" O.D. comp. x 3/8" O.D. female comp., clamshell	C*	6	6	
660-GTR1B	3/8" O.D. comp. x 3/8" O.D. female comp. no lead	✓	B	25	25
660-GTR1	3/8" O.D. comp. x 3/8" O.D. female comp. no lead, clamshell	✓	C*	6	6
660-TRB	5/8" O.D. comp. x 5/8" O.D. female comp.		B	25	25
660-TR	5/8" O.D. comp. x 5/8" O.D. female comp., clamshell	C*	6	6	
660-GTRB	5/8" O.D. comp. x 5/8" O.D. female comp. no lead	✓	B	25	25
660-GTR	5/8" O.D. comp. x 5/8" O.D. female comp. no lead, clamshell	✓	C*	6	6

† Note on ASTM PEX Fitting Standards:

ASTM F1807: PEX Barb Insert Fittings

Utilizing a Copper Crimp Ring.

ASTM F1960: PEX Cold Expansion Fittings

Utilizing a PEX Compression Ring.

ASTM F2080: PEX Cold Expansion Fittings

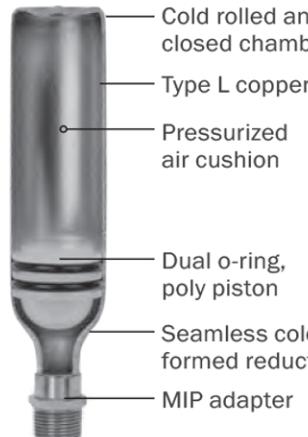
Utilizing a Metal Compression Ring.



Hydra-Rester™

Commercial Water Hammer Arrester

- Certified by the American Society of Sanitary Engineering to the ANSI/ASSE 1010-2004 Standard
- Lifetime cycle tested at U.S. Testing Laboratories to withstand 10,000 shock cycles. Factory tested to withstand 500,000 cycles without failure (654-C tested)
- Hydra-Rester™ male sweat fittings are compatible with press-fitting systems, such as Viega ProPress™ and all push-fitting systems
- Allows for installation in 2 x 4 wall cavity
- Installs at any angle
- ASSE 1010 certified as a water hammer arrester that is "designed to provide continuous protection, without maintenance" allowing the Hydra-Rester to be installed without access panels



SPECIFICATIONS †	
Maximum Working Temp	250°F
Safe Working Pressure for Pressure Testing	350 PSIG
Burst Tested	2,900 PSIG



653-BS 653-B



Available in four connection types, including new CPVC socket and PEX F1807.

Item No	Conn. Size	Unit Size	Dimensions	Fixture Unit	Cubic Inch Volume	NO LEAD	Pkg	Min Qty	Case Qty
MIP THREAD									
652-A	1/2"	A	6 1/2"	1 3/8"	1-11	5	✓	B	1 16
653-B	3/4"	B	8 3/4"	1 3/8"	12-32	7	✓	B	1 16
654-C	1"	C	11"	1 3/8"	33-60	11	✓	B	1 16
655-D	1"	D	10 1/8"	2 1/8"	61-113	20	✓	B	1 4
656-E	1"	E	12 5/8"	2 1/8"	114-154	29	✓	B	1 4
657-F	1"	F	15 1/8"	2 1/8"	155-330	36	✓	B	1 4
MALE SWEAT/PRESS FITTING									
652-AS	1/2"	A	8 1/4"	1 3/8"	1-11	5	✓	B	1 16
653-BS	3/4"	B	10"	1 3/8"	12-32	7	✓	B	1 16
654-CS	1"	C	12 1/2"	1 3/8"	33-60	11	✓	B	1 16
655-DS	1"	D	11"	2 1/8"	61-113	20	✓	B	1 4
656-ES	1"	E	13 1/2"	2 1/8"	114-154	29	✓	B	1 4
657-FS	1"	F	16"	2 1/8"	155-330	36	✓	B	1 4
CPVC SOCKET ASTM D2846 †									
652-AC	1/2"	A	7 1/2"	1 3/8"	1-11	5	✓	B	1 16
653-BC	3/4"	B	9 1/2"	1 3/8"	12-32	7	✓	B	1 16
654-CC	1"	C	12"	1 3/8"	33-60	11	✓	B	1 16
PEX CRIMP ASTM F1807 †									
652-AX	1/2"	A	6 1/2"	1 3/8"	1-11	5	✓	B	1 16
653-BX	3/4"	B	8 3/4"	1 3/8"	12-32	7	✓	B	1 16
654-CX	1"	C	11"	1 3/8"	33-60	11	✓	B	1 16

† NOTE: PEX and CPVC connection specifications are limited to those called out in their respective

652 - SUBMITTAL

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653- SUBMITTAL

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654/655/656/657 SUBMITTALS

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[Revit/BIM Image File](#)





660-SB



660-CB



660-G2B

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660-V82B



660-V2B



660-X2B



660-VPX2B



660-WG2B

Male sweat
models onlyPRESS-FITTING
COMPATIBLEFBC
SYSTEM COMPATIBLE

Mini-Rester™

Residential Water Hammer Arrester Straight

- Straight sweat arresters are compatible with press-fitting systems, such as Viega ProPress™ and all push-fitting systems
- Straight compression arresters install on any 1/2" nom. copper leg or riser and are especially popular in retrofitting 1/2" nom. air chambers
- MIP thread arresters install on any new rough-in or retrofit installation with 1/2" FIP fittings
- CPVC solvent weld arresters install on 1/2" CPVC tube or fittings in rough-in or retrofit applications
- PEX Mini-Resters™ are available with F1807, F1960 and Viega® PexPress® connections
- Products marked with the "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead
- All Mini-Resters are AA size



Item No	Description	NO LEAD	Pkg	Min Qty	Case Qty
STRAIGHT					
660-SB	1/2" male sweat	✓	B	50	50
660-S	1/2" male sweat, clamshell	✓	C*	6	6
660-3SB	3/4" male sweat	✓	B	50	50
660-CB	5/8" O.D. compression straight	B	50	50	
660-C	5/8" O.D. compression straight, clamshell	C*	6	6	
660-G2B	1/2" MIP thread no lead	✓	B	50	50
660-G2	1/2" MIP thread no lead, clamshell	✓	C*	6	6
660-V2B	1/2" CPVC socket	✓	B	50	50
660-V2	1/2" CPVC socket, clamshell	✓	C*	6	6
660-V82B	1/2" male CPVC	✓	B	50	50
660-V82	1/2" male CPVC, clamshell	✓	C*	6	6
660-X2B	1/2" F1807 PEX, straight	✓	B	50	50
660-VPX2B	1/2" Viega PEX	B	50	50	
660-WG2B	1/2" F1960 PEX, no lead	✓	B	50	50



“Because of your commitment to America I can assure you we will give Sioux Chief preferential consideration when purchasing inventory for our facility. I appreciate both your patriotism and your loyalty to the people of our great country.”

Russ Knight, VP
Gulf Coast Plumbing and Electrical Supply Inc.

Mega-Rester™

Industrial Water Hammer Arrester

Copper

- Dual o-ring piston lubricated with Dow 111 FDA approved silicone compound
- Cast brass flange, or wrought copper male thread fitting with lead-free solder joints
- 4" nominal Type L copper tube barrel
- 600 lb. (40 bar) liquid filled gauge
- Factory air charge

Stainless Steel

- Dual o-ring piston lubricated with Dow 111 FDA approved silicone compound
- Welded stainless steel flange or male thread fitting
- 4.25" O.D. 316 stainless steel barrel
- 600 lb. (40 bar) liquid filled gauge
- Factory air charge



658-2004

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Item No	Connection Size & Type	Volume (in³)	Height (in)	Pkg	Min Qty	Case Qty
COPPER						
658-1503	3" MIP (ANSI B1.20.1)	150	23.25	B	1	1
658-2002	2" MIP (ANSI B1.20.1)	200	29.25	B	1	1
658-2004	4" MIP (ANSI B1.20.1)	200	24.50	B	1	1
658-4004	4" MIP (ANSI B1.20.1)	400	40.50	B	1	1
658-4004F2	4" Class 150 Flange (ANSI B16.24)	400	39.75	B	1	1
STAINLESS STEEL						
658S2002	2" MIP (ANSI B1.20.1)	200	24.25	B	1	1
658S2004F2	4" Class 150 Flange (ANSI B16.24)	200	22.87	B	1	1
658S4004F2	4" Class 150 Flange (ANSI B16.24)	400	38.87	B	1	1

Vacu-Rester™**Vacuum Breaker Arrester**

- To prevent cavitation and accompanying water hammer within the extra-long tub spout tubes and/or shower risers of high-flow fixtures, such as garden tub valves and multi-head shower valves
- Unlike atmospheric vacuum breaker devices that can leak or spit, the Vacu-Rester's™ "closed atmosphere" chamber serves as a short duration vacuum breaker without the chance of leaks
- Recommended by Kohler® Company for their high-flow tub valves such as their SOK™ series fixtures



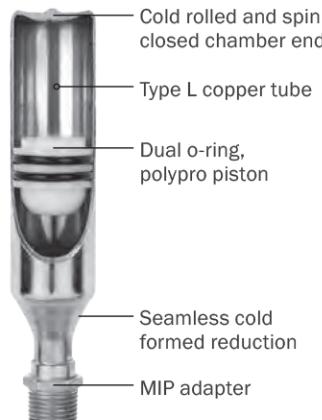
652-AD

Installation

For high flow tub valves with long spout tubes, install 652-AD Vacu-Rester on spout tube, in between tub valve and spout, within one foot of the tub valve.

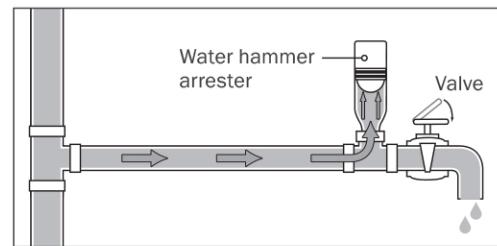
For high flow shower valves, install 652-AD Vacu-Rester on shower riser, in between shower valve and shower head, within one foot of the shower valve.

For high flow lines with shut-off valve in the middle of pipe run, install Vacu-Rester on non-pressure side, within one foot of shut-off valve. Pipe sizes $\frac{1}{2}$ " thru 1", install 652-AD. Pipe sizes $1\frac{1}{4}$ " thru 3", install 657-FD.

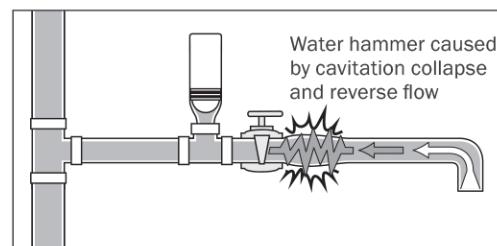
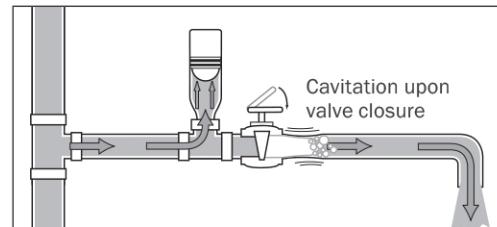


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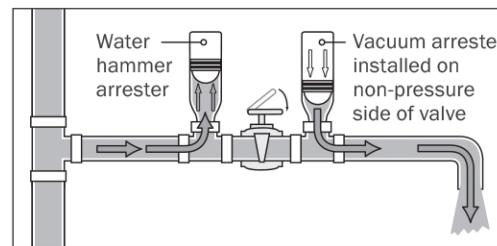
Regular water hammer with arrester.



Water Hammer caused by cavitation.



How the Vacu-Rester works.

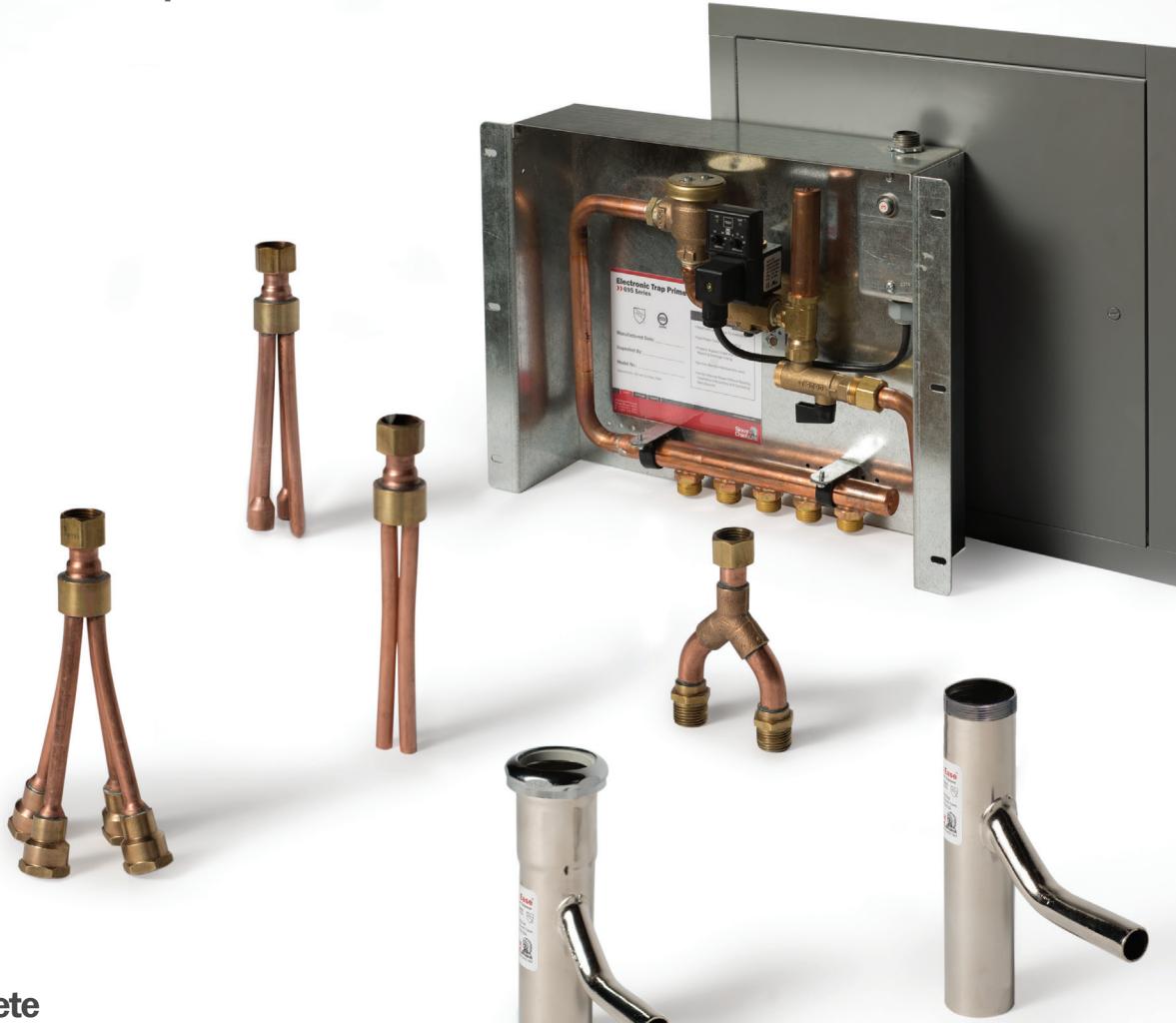


The water column momentum draws the Vacu-Rester piston down, preventing a cavitation and reducing water hammer

Item No	Conn. Size	Dimensions		Pkg	Min Qty	Case Qty
		Length	Width			
MIP THREAD						
652-AD	$\frac{1}{2}$ "	6 $\frac{1}{2}$ "	1 $\frac{3}{8}$ "	B	1	16
657-FD	1"	15 $\frac{1}{8}$ "	2 $\frac{1}{8}$ "	B	1	4

Trap Primers

» Engineered Trap Seal Protection



Complete

All three types of trap priming solutions are offered: mechanical, electronic and gravity-fed.

Dependable

Designed to last. Large port openings do not clog. Self-charges with air to prevent waterlogging.

Certified

ASSE 1018 and ASSE 1044 listed products with wide acceptance by engineers and code officials.

Engineered

No adjustments required. Largest volume of water release in the industry.



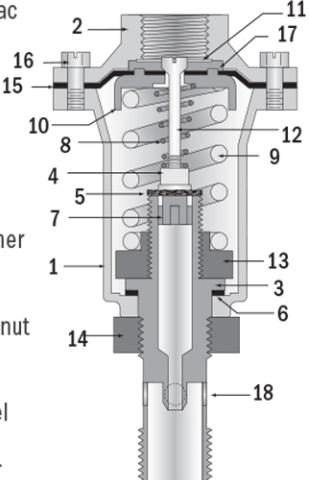


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COMPONENTS

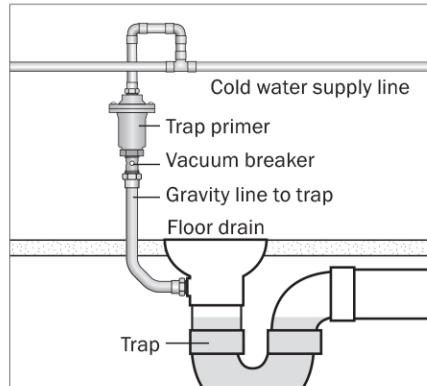
- 1 Body: Brass-plated Zamac
- 2 Cap: Brass-plated Zamac
- 3 Brass nipple
- 4 Valve stem nut
- 5 Rubber valve disc
- 6 Nipple seat washer
- 7 Valve stem guide
- 8 Valve stem spring
- 9 Diaphragm spring
- 10 Diaphragm spring retainer
- 11 Sediment screen
- 12 Valve stem
- 13 Diaphragm adjustment nut
- 14 Nipple locknut
- 15 Diaphragm
- 16 Hex head stainless steel screws
- 17 Diaphragm stop washer
- 18 Vacuum breaker



Prime Perfect™

Trap Primer Valve

- Automatically activates to replenish evaporated water in floor drain traps to prevent the escape of sewer gases
- Large port openings in debris screen prevent clogging from sediment and debris
- Activates with a 10 PSIG pressure drop at operating pressure of 30–150 PSIG
- Water release is factory set 0.25 oz per activation, so no field adjustment is necessary
- Single trap primer can service up to eight traps using splitter and distributors
- Accepted by the Oregon State Board of Health, the Army Corps of Engineers, the City of Los Angeles and engineers all over the U.S.
- UPC/IAPMO listed
- Certified by the American Society of Sanitary Engineering to the ASSE 1018 Standard
- Brass-plated cap and body



Installation

Install to a convenient cold water line, $\frac{1}{2}$ "– $1\frac{1}{2}$ " (12–40 mm) in diameter, nearest the trap or traps to be served. Install in an accessible location. Install in the upright, vertical position only. Install at least 5" (125 mm) above the grid of the floor drain or the flood rim of the sink or fixture which the trap serves. Install near plumbing fixtures to insure a full pressure drop of 10 PSI or more. If trap primer is installed too far upstream in the system, the pressure drop may not be enough for activation. To help prevent sediment buildup, install a vertical loop that rises above the supply line tee. (See illustration above.) Flush trap primer branch line prior to installing the trap primer. Install MIP adapter. Thread on trap primer. Install FIP union to bottom. Use PTFE tape sealant on both connections. Do not use pipe dope. Do not solder or braze directly to trap primer or fittings installed in trap primer. Water discharge is factory set—no adjustment is required on normal installations. However, for static pressures over 100 PSI, adjustments may be necessary. First loosen the nipple locknut, then turn the nipple counter clockwise until the trap primer starts dripping, turn the nipple clockwise $\frac{1}{4}$ turn and re-tighten nipple locknut.

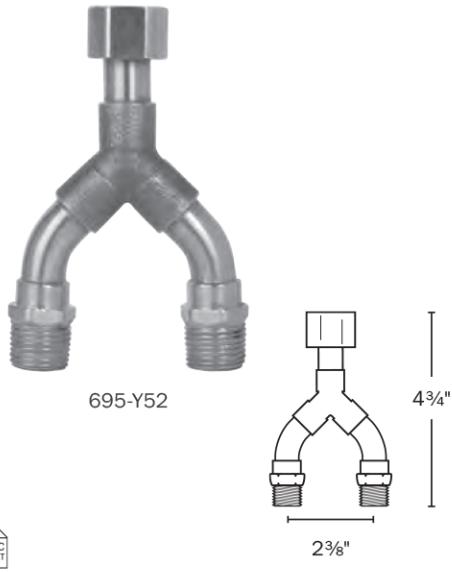


Item No	Description	Pkg	Min Qty	Case Qty
695-01	Prime Perfect trap primer valve	B*	1	24

Splitters

Wye Splitter

- 1/2" FIP swivel connection
- Use with trap primer distributors (below) to service up to eight traps from a single trap primer



Item No	Description	Pkg	Min Qty	Case Qty
695-Y52	Two 1/2" MIP branches	B	1	10



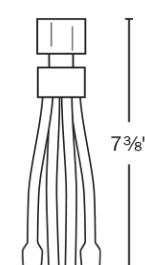
Splitters

Distributor

- 1/2" FIP swivel connection
- Available with two, three or four flexible copper branches
- Evenly distributes water to each branch every time



Item No	Description	Pkg	Min Qty	Case Qty
695-D20	Two 1/4" male sweat branches	B	1	16
695-D30	Three 1/4" male sweat branches	B	1	16
695-D40	Four 1/4" male sweat branches	B	1	16
695-D432	Two 1/4" male sweat branches Two spin-closed branches	B	1	16
695-D432F	Four 1/2" FIP branches with two plugs	B	1	10
695-D4325	Two 1/2" female sweat branches Two spin-closed branches	B	1	16



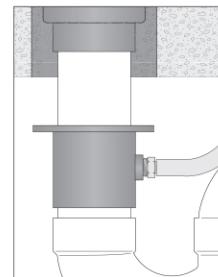


695-3P

Trap Primer Adapter

Sch. 40 Hub with 1/2" FIP Port

- Faster and more professional installation of trap primer supply
- Allows trap primer inlet to be positioned anywhere on the vertical waste line above the trap
- Universal 1/2" FIP thread trap primer supply connection
- Accommodates supply lines from any direction



Trap primer adapter solvent welds in the vertical waste line, typically just above the trap to be served. Adapter keeps the trap primer supply line out of the concrete when necessary.

ABS Item No	PVC Item No	Description	Pkg	Min Qty	Case Qty
695-2A	695-2P	2" Sch. 40 hub adapter with 1/2" FIP port	B	1	10
695-3A	695-3P	3" Sch. 40 hub adapter with 1/2" FIP port	B	1	10
695-4A	695-4P	4" Sch. 40 hub adapter with 1/2" FIP port	B	1	10



200-092

Trap-Ease™

Trap Primer Tailpiece

- Gravity feed, no mechanical parts
- Replenishes water in floor drain traps to prevent the escape of sewer gases
- 1/2" nominal branch connection
- Certified by the American Society of Sanitary Engineering to ASSE 1044
- UPC/IAPMO listed
- Eco-friendly means of trap priming



213-090

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Item No	Dimensions	Tubular Connection	Gauge	Finish	Pkg	Min Qty	Case Qty
200-090	1 1/2" x 8"	direct connect	22	unfinished	B	25	25
200-092	1 1/2" x 8"	direct connect	22	chrome	B	25	25
213-090	1 1/4" x 6"	fine thread	20	unfinished	B	25	25
213-092	1 1/4" x 6"	fine thread	20	chrome	B	25	25

ETP**Electronic Trap Primer – Surface Mount Box & Panel**

- Service multiple traps with a single primer
- Perfect for utility room installation and easy access to supply lines
- Complete with Mini-Rester™, shutoff, vacuum breaker and solenoid
- Made in the USA
- Made per order



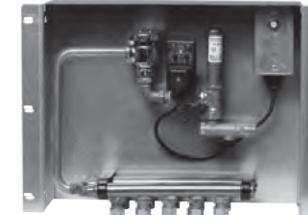
695-ES30

CLICK FOR SUBMITTAL

Item No	Description	Pkg	Min Qty	Case Qty
695-ES05	5 Port	B	1	1
695-ES10	10 Port	B	1	1
695-ES15	15 Port	B	1	1
695-ES20	20 Port	B	1	1
695-ES30	30 Port	B	1	1

ETP**Electronic Trap Primer – Recessed Box**

- Service multiple traps with a single primer
- Perfect for utility room installation and easy access to supply lines
- Complete with Mini-Rester™, shutoff, vacuum breaker and solenoid
- Made in the USA
- Made per order



695-ER10



695-ER20

Related Products*Metal Access Panel**p 259***CLICK FOR SUBMITTAL**

Item No	Description	Pkg	Min Qty	Case Qty
695-ER05	5 Port	B	1	1
695-ER10	10 Port	B	1	1
695-ER15	15 Port	B	1	1
695-ER20	20 Port	B	1	1
695-ER30	30 Port	B	1	1



ETP

Electronic Trap Primer

- Great for up to 8 drains
- Perfect as a remote drain & trap protection supply line
- Integral vacuum breaker and adjustable solenoid for varied water distribution

[CLICK FOR SUBMITTAL](#)



Item No	Description	Pkg	Min Qty	Case Qty
695-ES01	Electronic trap primer surface mount	B	1	1

Mini-Rester™

- May be installed at any angle
- All Mini-Resters are approved for sealed wall installations with no access panel required
- MIP thread arresters install on any new rough-in or retrofit installation with 1/2" FIP fittings
- All Mini-Resters are AA size



CONSIDER SIOUX CHIEF AS YOUR

**ROUGH
PLUMBING
ARMORY**

TOGETHER, WE WILL **TAKE THE FIELD.**

TrapShield™

» Trap Protection Device



Effective

Protects trap seals in drains from evaporation to prevent odors and sewer gas from entering the building.

Easy Installation

Pushes into new or existing floor and shower drains. Removes easily for drain maintenance.

Full Flow

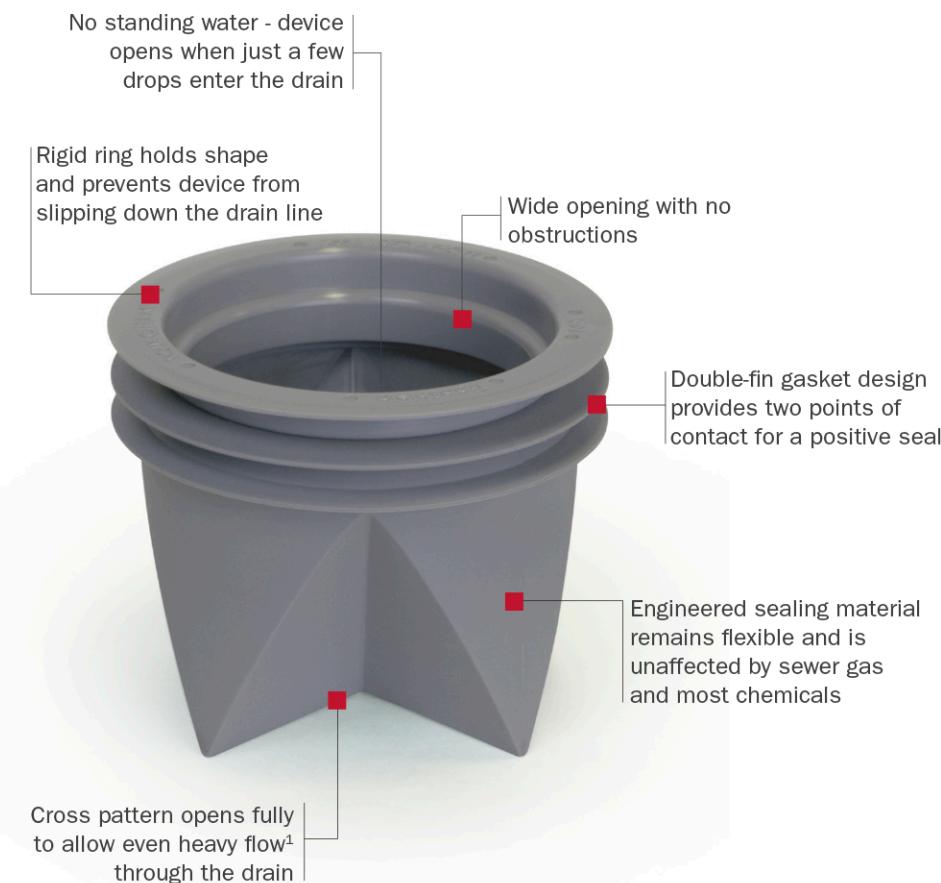
No obstructions. Opens easily for full water flow, then closes to protect the trap seal.

Approved

Listed with IAPMO.
Certified to the ASSE 1072 Standard.

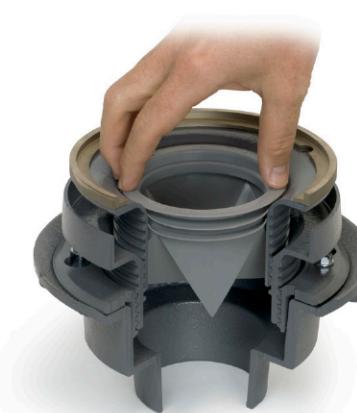


Features



¹ TrapShield is tested to and complies with the ASSE 1072 Standard:
2" model: 12 GPM, 3" model: 34 GPM, 4" model: 73 GPM

Installation



CLICK FOR SUBMITTAL

» Buying Information

ITEM NO.	DESCRIPTION	PKG	MIN QTY	CASE QTY
Trap Protection Device				
835-2	2" TrapShield™ floor drain trap protection device, individually boxed	BI	1	50
835-3	3" TrapShield™ floor drain trap protection device, individually boxed	BI	1	25
835-35	3½" TrapShield™ floor drain trap protection device, individually boxed	BI	1	25
835-4	4" TrapShield™ floor drain trap protection device, individually boxed	BI	1	20

PACKAGING:

B = Bulk

I = Individually Bar-Coded



StreamLine™

» Linear Shower Drains

Sioux Chief currently has three different types of linear shower drains

Each in a range of different sizes, and with different grate options.

Here is a quick summary on how each linear drain differs.

Original Linear Shower Drain - Offered in 24", 32", 40" & 60"

This version glues directly onto 2" PVC pipe. It is very low profile and incorporates a built in clamping collar. This version can be installed very tight against a wall.

Stainless Steel Linear Drain - This version has a stainless steel spigot that drops into a conventional pan liner shower drain. It is easy to install, since the shower drain and liner installs the same as a conventional shower. Available in 26", 30", 36", 40", 48" & 60" lengths. There are two different grate styles and a tile-tray option.

Site-Sizeable Linear Shower Drain - Choose either a 36" or 72" model, then cut-to-length on site. This modular design allows location of the outlet anywhere along the channel. This version features either a slotted strainer or a tile-in strainer.

More detailed information on each system, and part numbers on the following pages.



Residential – New Construction & Remodeling

- Off-set inlet location designed for use with standard floor joists
- Easy installation with no substrate modification needed



Multiple Shower Areas

- Use with large format floor tile
- Removable internal strainer for ease of maintenance



Healthcare Facilities

- Perfect for barrier-free/ADA showers
- One-piece PVC body construction means no seam/weld failures

StreamLine™

» Linear Shower Drains



[CLICK FOR SUBMITTAL](#)

Available in 24", 32", 40" & 60" lengths

Glues directly onto 2" pvc pipe

Offset center drain assures studs are never in the way

Can be installed tight against the wall.

Finished grate easily adjustable, and available in two designs.

Design Creativity

StreamLine™ drains provide a unique, contemporary appearance and functional design to shower areas. Available in four drain lengths and two brushed-stainless strainer patterns. StreamLine drains allow the use of larger, floor-size tiles in the shower area – making a smooth transition from bath floor to shower floor.



Installation Versatility

Perfect for use in residential applications, barrier-free or ADA showers, or along thresholds for overflow control. Simple, flat-bottom design and offset connection make installation easier than other linear drains. All StreamLine drains include installation hardware, sealant and an illustrated instruction sheet.

Functional Reliability

StreamLine drains have a seamless, internally sloped, PVC body and a unique stainless steel membrane clamping ring which ensures a watertight seal. Internal "pre-strainers" prevent objects/debris from going into the pipe and make maintenance easier.



Residential – New Construction & Remodeling

- Off-set inlet location designed for use with standard floor joists
- Easy installation with no substrate modification needed



Healthcare Facilities

- Perfect for barrier-free/ADA showers
- One-piece PVC body construction means no seam/weld failures



Hospitality

- Install in bathroom update or redesign projects
- Install at thresholds for overflow control



Multiple Shower Areas

- Use with large format floor tile
- Removable internal strainer for ease of maintenance

STREAMLINE™ LINEAR SHOWER DRAIN					
823-24PSP	n/a	24" length, Pyramid pattern stainless steel strainer, PVC connection		2" Sch. 40 hub	B* 1
823-24PSS	n/a	24" length, Slotted pattern stainless steel strainer, PVC connection		2" Sch. 40 hub	B* 1
823-FK24		Full-mortar-bed adapter kit for 24" StreamLine			B* 2
823-32PSP	n/a	32" length, Pyramid pattern stainless steel strainer, PVC connection		2" Sch. 40 hub	B* 1
823-32PSS	n/a	32" length, Slotted pattern stainless steel strainer, PVC connection		2" Sch. 40 hub	B* 1
823-FK32		Full-mortar-bed adapter kit for 32" StreamLine			B* 3
823-40PSP	n/a	40" length, Pyramid pattern stainless steel strainer, PVC connection		2" Sch. 40 hub	B* 1
823-40PSS	n/a	40" length, Slotted pattern stainless steel strainer, PVC connection		2" Sch. 40 hub	B* 1
823-FK40		Full-mortar-bed adapter kit for 40" StreamLine			B* 4
823-60PSP	n/a	60" length, Pyramid pattern stainless steel strainer, PVC connection		2" Sch. 40 hub	B* 1
823-60PSS	n/a	60" length, Slotted pattern stainless steel strainer, PVC connection		2" Sch. 40 hub	B* 1
823-FK60		Full-mortar-bed adapter kit for 60" StreamLine			B* 5

Supply

Drainage

Support

www.siouxchief.com

TAKE THE FIELD.

Linear Shower Drains

» For Tile-Floor Showers



Stylish

Showers with linear drains offer a unique, contemporary appearance. Enhance the look of the shower floor with a modern strainer design, or "hide" the drain with a tile-in strainer.

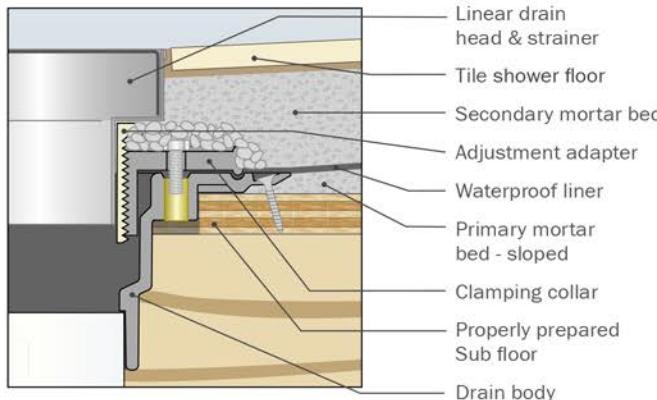
Practical

Shower floors are sloped in **ONE** direction to the drain for an easier pre-slope. Perfect for ADA and barrier-free applications.

Linear drains allow for large-format tiles to be used in the shower area – making a smooth transition from bath floor to shower floor.



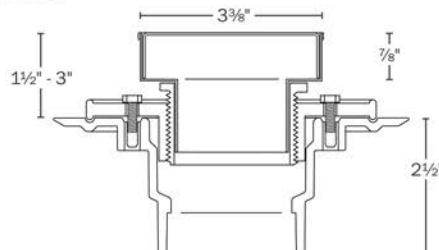
Installation



Three Strainer Patterns and Six lengths Available



Dimensions



[CLICK FOR SUBMITTAL](#)

Buying Information

PVC ITEM NO.	ABS ITEM NO.	Length	DESCRIPTION	PKG	MIN QTY	CASE QTY
LINEAR SHOWER DRAIN WITH TILE-IN STRAINER						
823-TX26TP	823-TX26TA	26"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX30TP	823-TX30TA	30"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX36TP	823-TX36TA	36"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX40TP	823-TX40TA	40"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX48TP	823-TX48TA	48"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX60TP	823-TX60TA	60"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
LINEAR SHOWER DRAIN WITH SQUARE-HOLES STRAINER						
823-TX26SP	823-TX26SA	26"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX30SP	823-TX30SA	30"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX36SP	823-TX36SA	36"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX40SP	823-TX40SA	40"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX48SP	823-TX48SA	48"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX60SP	823-TX60SA	60"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
LINEAR SHOWER DRAIN WITH WEDGE-WIRE STRAINER						
823-TX26WP	823-TX26WA	26"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX30WP	823-TX30WA	30"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX36WP	823-TX36WA	36"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX40WP	823-TX40WA	40"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX48WP	823-TX48WA	48"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1
823-TX60WP	823-TX60WA	60"	Linear shower pan drain with DoubleDuty™ test plug - 2" Sch. 40 hub connection	B*	1	1

PACKAGING:

B = Bulk

C = Cut Case

* Individually Bar-Coded



StreamLine™

» Site-Sizable Linear Shower Drain



Ultimate Installation Flexibility

Choose 36" or 72" model, then cut-to-length on site.
Perfect for new/custom showers or renovation jobs.

Modular design allows location of the outlet anywhere along the channel.

Easy Installation

Construction cover (included) protects channel during rough-in.

Full-color installation instructions included.

Choose from slotted strainer or tile-in models.
Strainer level can be adjusted to allow for thicker tiles.



Complete Versatility

StreamLine™ Site-Sizable linear drains include everything you need to install a custom-length linear drain, sized on-site to your specific application: Linear channel with rough-in cover, Strainer with adjustment brackets, outlet section, end caps, adjustment adapter, and drain body with collar.



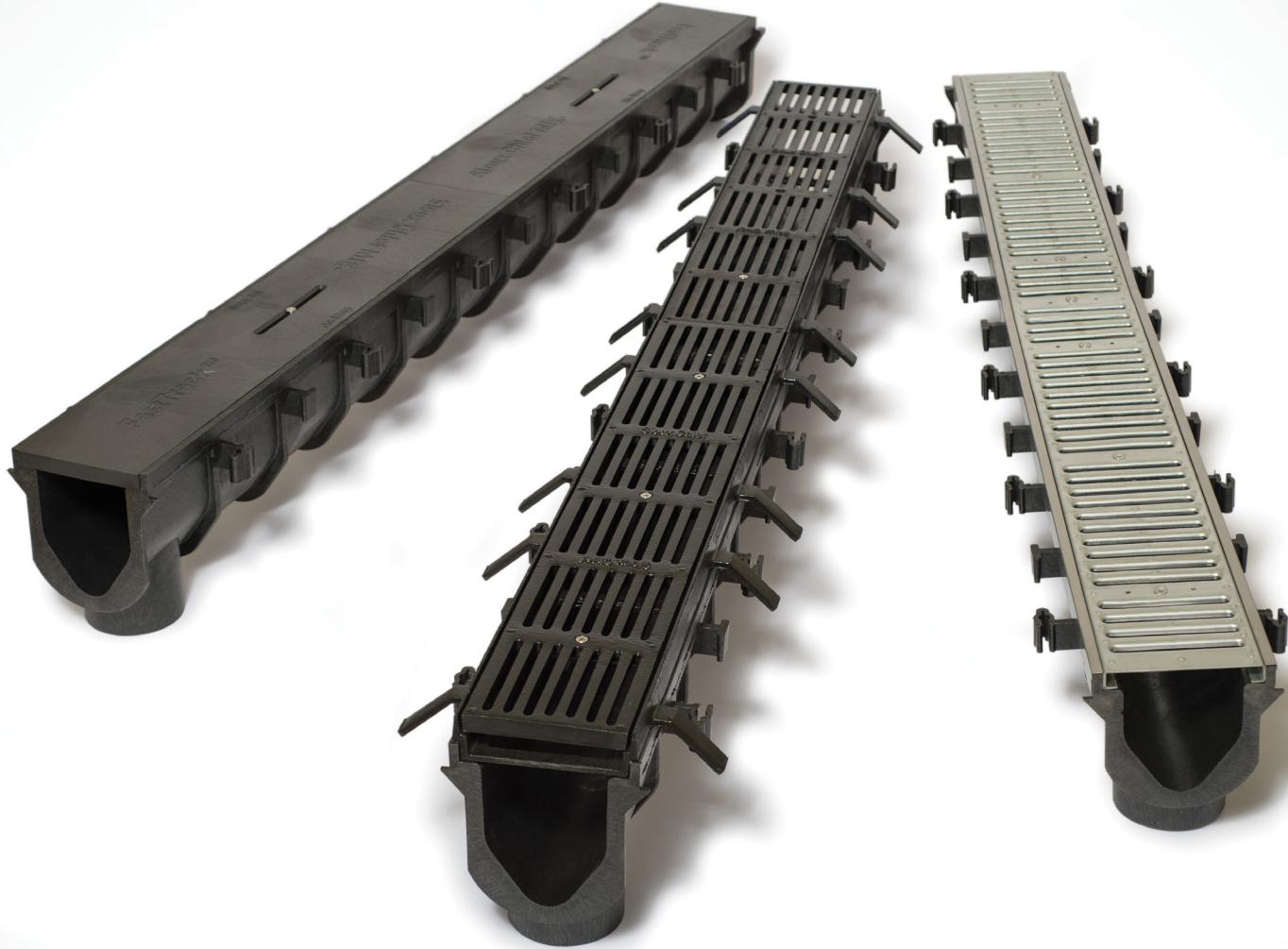
[CLICK FOR SUBMITTAL](#)

Buying Information

ITEM NO.	DESCRIPTION	U/M	MIN QTY	CASE QTY
Linear Drain with Slotted Strainer				
823-T2A36V	36" Site-sizable linear shower drain, 2" ABS connection, slotted strainer	EA	1	1
823-T2P36V	36" Site-sizable linear shower drain, 2" PVC connection, slotted strainer	EA	1	1
823-T2A72V	72" Site-sizable linear shower drain, 2" ABS connection, slotted strainer	EA	1	1
823-T2P72V	72" Site-sizable linear shower drain, 2" PVC connection, slotted strainer	EA	1	1
Linear Drain with Tile-In Strainer				
823-T2A36T	36" Site-sizable linear shower drain, 2" ABS connection, tile-in strainer	EA	1	1
823-T2P36T	36" Site-sizable linear shower drain, 2" PVC connection, tile-in strainer	EA	1	1
823-T2A72T	72" Site-sizable linear shower drain, 2" ABS connection, tile-in strainer	EA	1	1
823-T2P72T	72" Site-sizable linear shower drain, 2" PVC connection, tile-in strainer	EA	1	1

FastTrack™

» Pre-sloped Trench Drain System



Fast

Construction cover included to protect channels during rough-in. Longer channels for fewer joints and solid connections for better alignment.

Versatile

Sloped and neutral channels made from lightweight, durable HDPE material. A variety of grating options for all types of traffic applications. Integral bottom outlet connection or attach end outlet

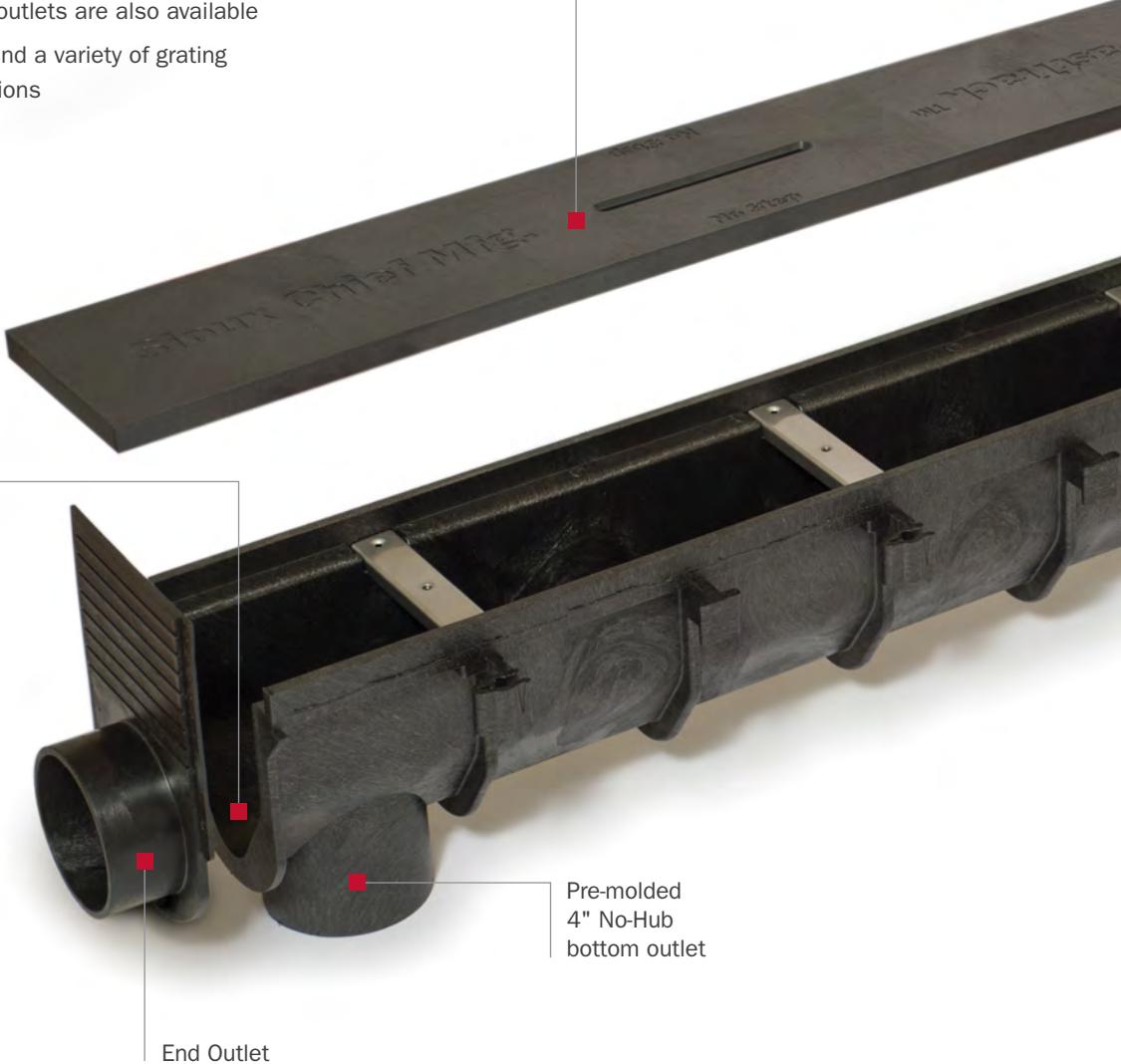
FastTrack™

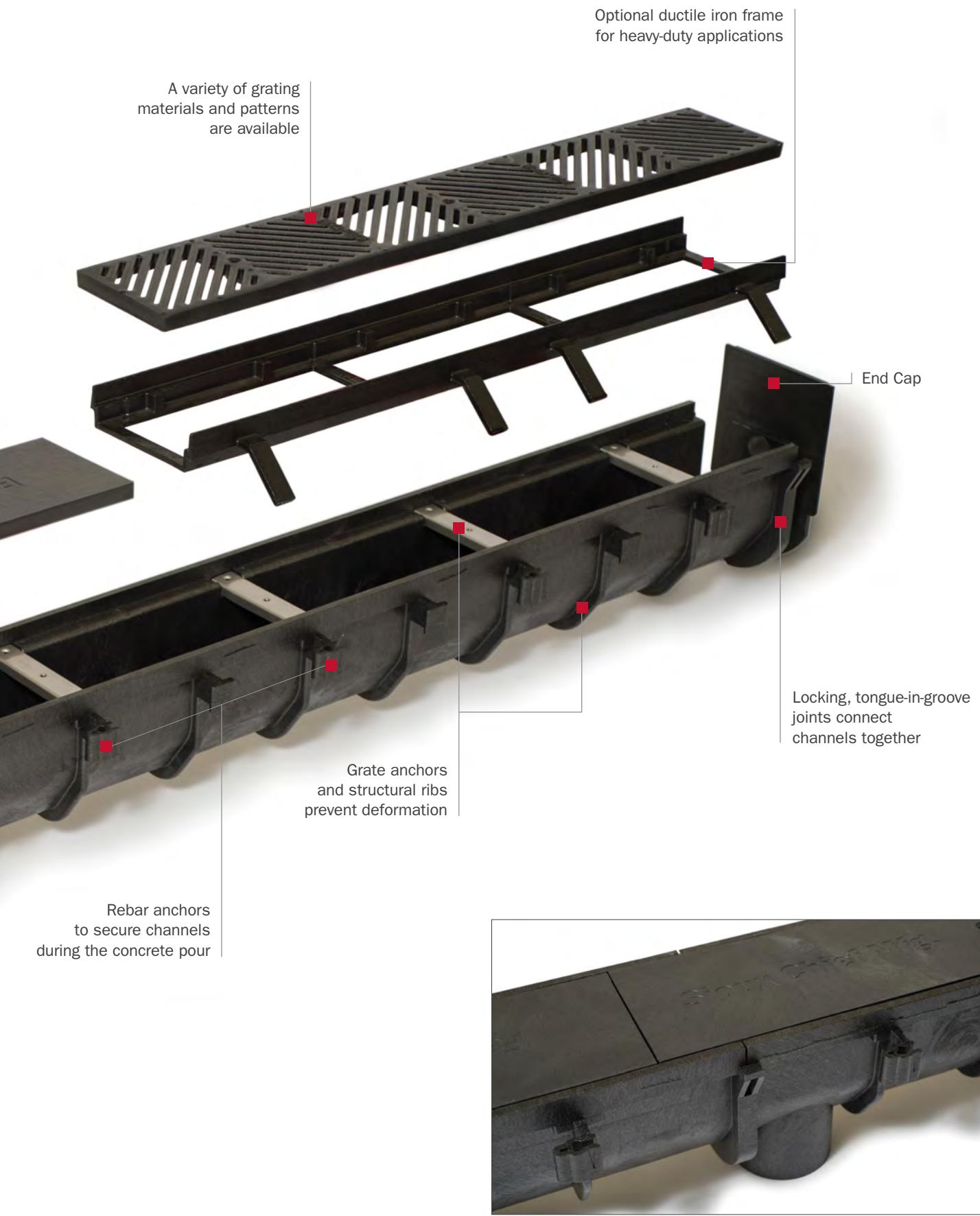
» System Features

- Durable construction covers protect channels during rough-in. Keeps concrete and debris out of the drain line
- Channels molded from tough, lightweight, high-density polyethylene are U.V. and chemical resistant
- Longer (72") channels mean fewer joints are needed for the same run length
- Solid channel joints that don't require fasteners
- Grate anchors and structural ribs prevent deformation during the concrete pour
- Convenient, integral bottom outlet included on all channels. End caps and end outlets are also available
- Optional ductile iron frames and a variety of grating for all types of traffic applications

Construction covers are included with all channels

Specially designed bottom radius helps increase low-volume flow rate and reduce sediment buildup





Construction covers can slide across joints to help keep the run straight

Installation Guide

» Always wear protective gear and observe safety precautions when installing the FastTrack™ system.

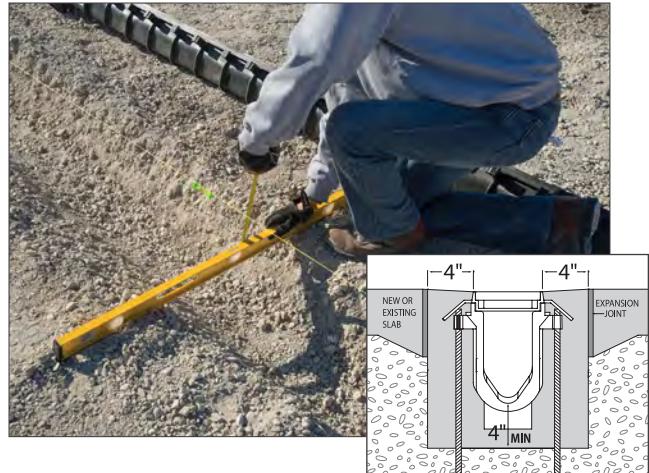
Plan/Excavate

Excavate a trench for the FastTrack™, considering both load class and slab thickness. All channels must be encased on three sides with a minimum of 4" of concrete. For slabs thicker than 4", encasement must be equal to slab thickness. The engineer should determine slab thickness based on application and traffic rating.

Concrete encasement is required regardless of surface type (concrete, asphalt, pavers, etc.).

Expansion joints will be needed on each side of the trench, according to specifications. Do Not use the FastTrack™ as an expansion joint.

Set a string line in the trench at level of final slab elevation to use as a guide.



Layout Channels

Lay out the channels, in order, alongside the excavated trench, starting with the deepest point and working back. Be sure flow arrows point towards the outlet end.

For End Outlet: Open the end outlet fitting using a hole saw. Attach the end outlet with screws to the deep end and the end cap on the shallow end. If using an end outlet, be sure to allow for sufficient slab thickness above the outlet and pipe.

For Bottom Outlet: Using a hole saw, open the bottom outlet in the deep end and install end caps on both the deep and shallow ends.



Assemble Channels

Set channel sections in order into the trench. Beginning at the outlet end, connect the channels together using silicone sealant in the groove if desired.

If Using Iron Grate Frames: Remove the construction covers and install iron grate frames. Reinstall the construction covers in the frames.

Slide the construction covers (downstream) such that they overlap the joint - this will help prevent misalignment at the joints.



Anchor with Rebar

Beginning at the outlet end, install rebar into the anchor clips on either side of the channel and drive rebar into the ground. Adjust channel vertically to the proper elevation, checking for level and alignment using the string line as a guide. The top of the channel should be set $1/16"$ to $1/8"$ below finish slab level.

When the channel is in proper position, secure the rebar into the anchor clips using screws or tie-wire to lock in place.

Continue the installation with upstream sections, setting with rebar, checking for elevation, level, and alignment until all channel sections are set.



Set with Concrete

Confirm all channels are in final position and anchored with rebar and screws (wire) in ALL available anchor clips to keep the run as secure as possible. Be Sure:

- Channels will be encased in 4" of concrete (min.)
- Expansion joints will be installed on each side
- Channel is recessed $1/16"$ to $1/8"$ below the finish slab

Connect drain piping to the channel outlet according to plans using a No-Hub coupling.

Set concrete "pads" around rebar, under and on sides of the channels to prevent movement or misalignment during the final pour.

Pour the concrete slab around the installation and vibrate to eliminate voids in the pour.



Final Inspection

After the concrete takes final set (24 hrs. min), remove the construction covers. Inspect the installation to be sure channels and drain piping are free of debris. Set appropriate grating in place and secure the grates into the grate anchors using screws.





Grate Options

Slotted Ductile Iron Load Class D400* (DIN EN 1433)
Enamel-coated ductile iron material. Heavy duty applications, forklift and commercial vehicle traffic at less than 15 mph.

*Load class D when installed in iron frame only

Width: 6"
Weight: 18.9 lbs.
Heel-proof: No

Length: 36"
Open Area: 86.0 in²
ADA: No

Cross-Slot Ductile Iron Load Class C250 (DIN EN 1433)
Enamel-coated ductile iron material. Decorative/ADA pattern.
Parking areas and truck traffic at less than 15 mph.

Width: 6"
Weight: 19.3 lbs.
Heel-proof: No

Length: 36"
Open Area: 64.0 in²
ADA: Yes

Diagonal-Slot Ductile Iron Load Class C250 (DIN EN 1433)
Enamel-coated ductile iron material. Decorative/ADA pattern.
Parking areas and truck traffic at less than 15 mph.

Width: 6"
Weight: 19.2 lbs.
Heel-proof: Yes ¹

Length: 36"
Open Area: 59.0 in²
ADA: Yes

Slotted HDPE Load Class A15 (DIN EN 1433)
Corrosion-proof, U.V. protected HDPE material is tough, durable and chemical-resistant. For light duty areas, pedestrian traffic, walkways, pool areas, etc.

Width: 6"
Weight: 3.6 lbs.
Heel-proof: No

Length: 36"
Open Area: 81.4 in²
ADA: No

SUBMITTAL FOR
HDPE SLOTTED GRATE

Slotted Stainless/Galvanized Load Class A15 (DIN EN 1433)

Reinforced Slotted Stainless/Galvanized Load Class C250 (DIN EN 1433)
Corrosion-resistant, 304 stainless steel or G90 galvanized material. Standard models for pedestrian, bicycle, and two-wheeled hand carts. Reinforced models have a coated, ductile iron "framework" for heavy-duty loads.

Width: 6"
Weight: Galv: 5.5 / SS: 4.3 lbs.
Weight (reinforced): Galv: 16.0 / SS: 14.8 lbs.
Heel-proof: No

Length: 36"
Open Area: 60.0 in²
ADA: No

SUBMITTAL FOR
STAINLESS SLOTTED GRATE

SUBMITTAL FOR
GALVANIZED SLOTTED GRATE

Perforated Stainless/Galvanized Load Class A15 (DIN EN 1433)

Corrosion-resistant, 304 stainless steel (16 gauge) or G90 galvanized (14 gauge) material. For pedestrian and hand-cart traffic, kitchen and food-prep areas.

Width: 6"
Weight: Galv: 5.6 / SS: 4.4 lbs.
Heel-proof: Yes ¹

Length: 36"
Open Area: 34.0 in²
ADA: Yes

SUBMITTAL FOR
STAINLESS PERF. GRATE

SUBMITTAL FOR
GALVANIZED PERF. GRATE

¹ Per ASME A112.6.3 requirements

» Grate Load Classifications

Tested according to DIN EN 1433 standard. Trench drain grates are subjected to test loads, which are applied with a 3" x 10" platen.

Class A

Loads up to 3,372 LBS

Pedestrian traffic. Walking areas, bicycles, light, two-wheeled hand carts

Class B

Loads up to 28,101 LBS

Small/private parking areas. Car and light vehicle traffic at less than 15 mph.

Class C

Loads up to 56,202 LBS

Trucks and commercial parking areas. Vehicle traffic at less than 15 mph.

Class D

Loads up to 89,924 LBS

Heavy-duty, forklift and commercial vehicle traffic at less than 15 mph.

Accessories



End Cap / End Outlet

HDPE end cap or 4" No-Hub outlet connection (open outlet with hole saw). Installs easily with screws, use sealant if desired. Trim excess off top; flush with construction cover prior to slab pour.

When using end outlet, be sure to allow for sufficient slab thickness above the outlet and pipe.



Decorative Edge Guards

Corrosion-resistant, 304 stainless steel edge guards cover channel edges for a more finished look. Works with all grate styles/materials - does not affect load capacity of grate. Edge guards slide over top edge of the channel. Fasten with screws if desired.*

** Edge guards must be installed before concrete is poured.*



Ductile Iron Frame

Enamel-coated ductile iron material. Prevents wear/impact damage to channel edges. Transfers traffic load into the surrounding concrete. Works with all grate styles/materials. Must be used with iron grates for Class D load requirements. Iron frames attach easily to the channel with screws.*

** Frames must be installed before concrete is poured.*



Grate Anchor

All channels ship with six grate anchors installed as standard.

Stainless steel grate anchor spans the channel. 1/4-20" center tap for grate screws. Tap in place with hammer, fasten with screws if desired.



Construction Cover

All channels ship with two covers installed as standard.

Durable, U.V. protected cover installs in the channel during rough-in and slab pour. Construction cover protects channels from damage and debris. Covers slide to overlap joints and help maintain alignment. Use with or without iron frame. Replace with grate after slab cures.



Dome Bottom Strainer

Stainless steel perforated strainer installs above bottom outlet to prevent trash, leaves, and other debris from entering the drain pipe. Spring-tabs insert into the outlet and hold strainer in place. Removes easily for cleaning.



Typical Configurations

» Sloping

- FastTrack™ channels are available pre-sloped (0.75%) or neutral. Systems can be designed using all sloped, all neutral, or both types
- Neutral channels can be used where the ground itself slopes or where excavation depth must be minimized

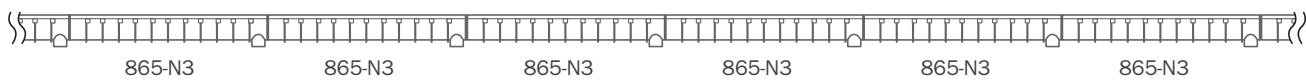
All Sloped - One Direction 54 ft



Sloped & Neutral - One Direction 78 ft



Neutral / No Slope

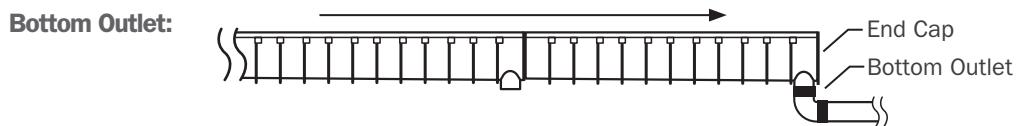


» Outlet Type

- FastTrack™ channels are designed with an integral bottom outlet or attach an end outlet for pipe connection
- Bottom and end outlet size is 4" no-hub - make connection to the pipe with standard no-hub couplings

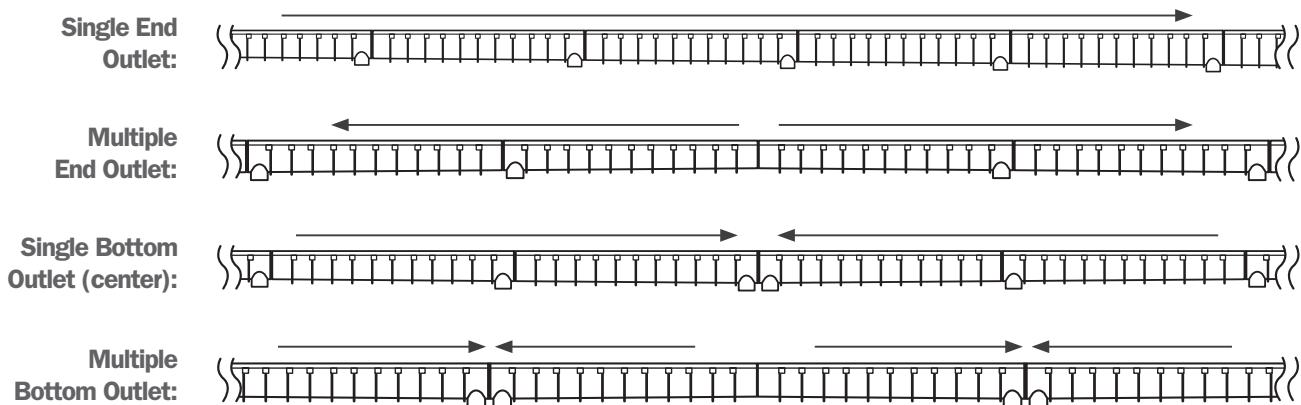


When using end outlets, be sure to allow sufficient slab depth above outlet and drain pipe to prevent cracking.



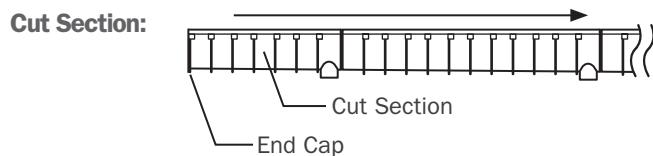
»» Outlet Location

- Connect drain pipe to the FastTrack™ on the bottom of the channel or to the end
- Systems can be designed to slope to one end, to the center, to both ends or to multiple bottom outlets



»» Cutting

- FastTrack™ channels and grates can be cut to length with a handsaw or reciprocating saw
- Ribs on the channels are spaced at 6" intervals for quick measurements and allow for easy attachment of the end cap. Always cut end(s) opposite the outlet



»» System Notes

- The FastTrack™ system is designed for on-grade installations only
- Using neutral channels will affect the overall slope of the system and the estimated flow rate
- Channels must be encased in concrete (three sides) of specified thickness; regardless of surface, material/finish
- Always install expansion joints on both sides of, and parallel to the channel, per specifications
- Finished grate level should be 1/16" — 1/8" below finished slab level and slab should be sloped toward the channel on both sides to promote proper drainage

Chemical Resistance Guide



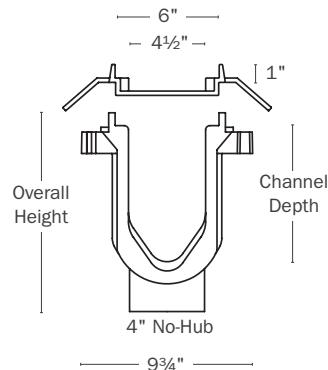
The following should be used for reference only. Many factors affect the chemical resistance of a product. A test under specific conditions should confirm the FastTrack™ is fully compatible with the application before installation.

Letter indicates resistance to given chemical - Number indicates temperature of chemical.

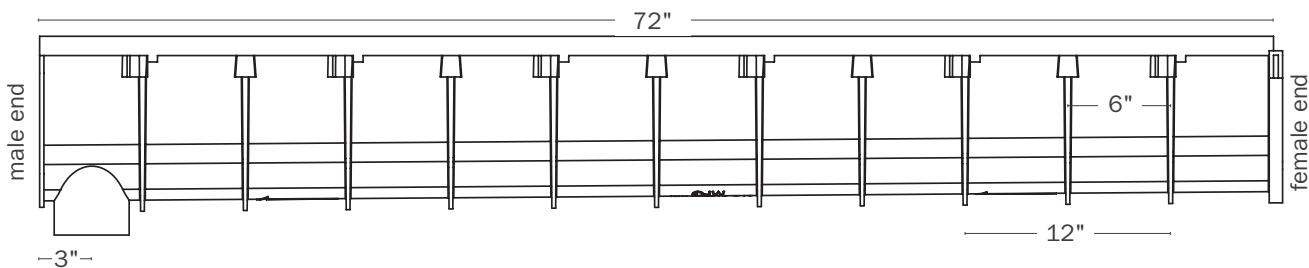
A = Little/No effect after 30 days constant exposure B = Some damage after 7 days constant exposure C = Not Recommended

1,4-dioxane	A 70	Ethyl benzene	C N/A	n-butyl alcohol	A 120
Acetaldehyde	A 70	Ethyl ether	C N/A	Nitric acid 20%	A 70
Acetic Acid 5 %	A 120	Ethylene dichloride	C N/A	Nitromethane	C N/A
Acetic Acid, glacial 50%	A 70	Ethylene glycol	A 120	n-octane	A 120
Acetone	C N/A	Ethylene oxide	B 70	Oxalic acid 10%	A 120
Allyl Alcohol	A 120	Fatty Acids	A 120	Perchloric acid	A 70
Aluminum salts	A 120	Ferric chloride	A 120	Perchloric ethylene	C N/A
Amino acids	A 120	Fluoride	A 120	Phenol	C N/A
Ammonia	A 120	Fluorine	B 70	Phosphoric acid 10%	A 120
Ammonium carbonate, sat.	A 120	Formaldehyde 10%	A 120	Phosphoric acid 85%	A 70
Ammonium hydroxide 30%	A 120	Formaldehyde 40%	A 120	Phosphorous trichloride	A 70
Ammonium phosphate	A 120	Fructose	A 120	Potassium carbonate	A 120
Ammonium sulfate	A 120	Fuel Oil	A 120	Potassium hydroxide	A 120
Amyl chloride	C N/A	Gasoline	A 70	Potassium permanganate	A 120
Aniline	A 70	Glycerol	A 120	Propylene glycol	A 120
Battery Acid	A 120	Heptane	C N/A	Pyridine	C N/A
Beer	A 120	Hexane	C N/A	Salicylic acid, sat.	A 120
Benzene	C N/A	Hydraulic Fluid	A 70	Silver acetate	A 120
Benzyl alcohol	B 70	Hydrochloric acid 5%	A 120	Silver nitrate	A 120
Boric acid	A 120	Hydrochloric acid 35%	A 120	Sodium carbonate	A 120
Brake Fluid	A 120	Hydrocyanic acid	A 120	Sodium chloride, sat.	A 120
Bromine	B 70	Hydrofluoric acid	A 120	Sodium dichromate	A 120
Butyric acid	B 70	Hydrofluoric acid 4%	A 120	Sodium hydroxide 10%	A 120
Calcium chloride	A 120	Hydrofluoric acid 48%	A 120	Sodium hypochlorite 15%	A 70
Calcium hydroxide sat.	A 120	Hydrogen peroxide 3%	A 120	Sodium nitrate	A 120
Carbon tetrachloride	C N/A	Hydrogen peroxide 30%	A 120	Sodium sulphate	A 120
Chlorine 10% in water	A 100	Isobutyl alcohol	A 120	Sucrose	A 120
Chlorobenzene	C N/A	Isopropyl acetate	B 70	Sulfur dioxide	C N/A
Chloroform	B 70	Isopropyl alcohol	A 120	Sulfuric acid 20%	A 120
Chromic acid 10%	A 120	Kerosene	B 70	Sulfuric acid 60%	A 120
Citric acid 10%	A 120	Lactic Acid 90%	A 120	Tannic acid	A 120
Citrus Juice	A 120	Lead acetate	A 120	Toluene	C N/A
Cresol	C N/A	Metallic salts, dissolved	A 120	Trichloracetic acid	C N/A
Cyclohexane	C N/A	Methanol	A 120	Trichlorethane	C N/A
Dibutyl Ether	C N/A	Methyl ethyl ketone	C N/A	Trisodium phosphate	A 120
Dichloroethane	C N/A	Methyl propyl ketone	C N/A	Turpentine	C N/A
Diethyl ketone	C N/A	Methylene chloride	C N/A	Urea/Urine	A 120
Dimethylsulfoxide	A 120	Milk	A 120	Vinegar	A 120
Ethanol 95%	A 120	Mineral oil	A 70	Water (Distilled/Soft/Hard)	A 140
Ethyl acetate	A 120	Motor/Engine oil	A 70	Xylene	B 70
Ethyl Alcohol 95%	A 120	n-amyl acetate	A 70	Zinc chloride	A 120

Channel Specs



- U.V. protected, black, high-density polyethylene material
- Channels available pre-sloped (0.75%) or neutral
- All channels include pre-installed grate anchors (6) and construction covers (2)



Channel	Channel Depth		Overall Height ¹	Slope Type	Weight ² Lbs.	Est. Flow Rate ³	
	Shallow End	Deep End				GPM	CFS
865-S1	3.62"	4.16"	7.28"	Sloped	15.4	91.23	0.20
865-S2	4.16"	4.70"	7.82"	Sloped	16.4	119.13	0.27
865-N3	4.70"	4.70"	7.82"	Neutral	16.9	—	—
865-S3	4.70"	5.24"	8.35"	Sloped	17.4	147.79	0.33
865-S4	5.24"	5.78"	8.90"	Sloped	18.4	176.97	0.39
865-N5	5.78"	5.78"	8.90"	Neutral	18.9	—	—
865-S5	5.78"	6.32"	9.44"	Sloped	19.4	206.55	0.46
865-S6	6.32"	6.86"	9.98"	Sloped	20.4	236.42	0.53
865-N7	6.86"	6.86"	9.98"	Neutral	20.9	—	—
865-S7	6.86"	7.40"	10.52"	Sloped	21.4	266.52	0.59
865-S8	7.40"	7.94"	11.06"	Sloped	21.4	296.81	0.66
865-N9	7.94"	7.94"	11.06"	Neutral	21.9	—	—
865-S9	7.94"	8.48"	11.60"	Sloped	22.4	327.23	0.73

1 Add 1" to overall height when using iron frame

2 Weight includes grate anchors and construction covers

3 Estimated flow rate is for the single channel only (open ends, no grate), and is based on calculation using Manning's equation



865-S1



865-GiS



865-E0



865-F

» Buying Information

ITEM NO.	DESCRIPTION	PKG.	MIN. QTY.	CASE QTY.
CHANNELS				
865-S1	Sloped Channel Section with Construction Cover - 72" Long	B	1	1
865-S2	Sloped Channel Section with Construction Cover - 72" Long	B	1	1
865-N3	Neutral Channel Section with Construction Cover - 72" Long	B	1	1
865-S3	Sloped Channel Section with Construction Cover - 72" Long	B	1	1
865-S4	Sloped Channel Section with Construction Cover - 72" Long	B	1	1
865-N5	Neutral Channel Section with Construction Cover - 72" Long	B	1	1
865-S5	Sloped Channel Section with Construction Cover - 72" Long	B	1	1
865-S6	Sloped Channel Section with Construction Cover - 72" Long	B	1	1
865-N7	Neutral Channel Section with Construction Cover - 72" Long	B	1	1
865-S7	Sloped Channel Section with Construction Cover - 72" Long	B	1	1
865-S8	Sloped Channel Section with Construction Cover - 72" Long	B	1	1
865-N9	Neutral Channel Section with Construction Cover - 72" Long	B	1	1
865-S9	Sloped Channel Section with Construction Cover - 72" Long	B	1	1
GRATES				
865-GiS	Slotted Ductile Iron Grate with Screws - 36" Long	B	1	1
865-GiC	Cross-Slot Ductile Iron Grate with Screws - 36" Long	B	1	1
865-GiD	Diagonal-Slot Ductile Iron Grate with Screws - 36" Long	B	1	1
865-GHS	Slotted HDPE Grate with Screws - 36" Long	B	1	1
865-GSS	Slotted Stainless Steel Grate with Screws - 36" Long	B	1	1
865-GSSR	Reinforced Slotted Stainless Steel Grate with Screws - 36" Long	B	1	1
865-GSD	Perforated Stainless Steel Grate with Screws - 36" Long	B	1	1
865-GGS	Slotted Galvanized Steel Grate with Screws - 36" Long	B	1	1
865-GGSR	Reinforced Slotted Galvanized Steel Grate with Screws - 36" Long	B	1	1
865-GGD	Perforated Galvanized Steel Grate with Screws - 36" Long	B	1	1
ACCESSORIES				
865-E0	End Outlet - HDPE with 4" No-Hub Connection – to open outlet, use hole saw.*	B	1	1
865-EC	End Cap - HDPE Flat Cap – Fits All Channels	B	1	1
865-EG	SS Edge Guards - 36" Long – Pair with Screws	B	1	1
865-F	Ductile Iron Grate Frame - 36" Long with Screws	B	1	1
865-A	Grate Anchor - Stainless – Fits All Channels	B	1	1
865-C	Construction Cover - HDPE 36" Long – Fits All Channels	B	1	1
865-D	Dome Bottom Strainer - Stainless steel – For Bottom Outlet	B	1	1

* If using end outlet, be sure to allow for sufficient slab thickness above the outlet and pipe.



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Note: Individual submittal pages for different grate types can be found at www.siouxchief.com



868-1504



868-15WD



868-15EXT



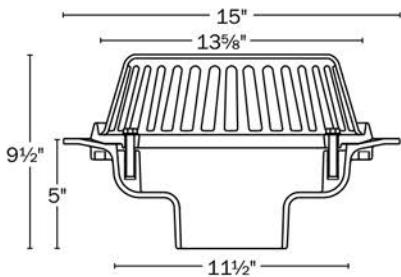
868-15S



868-15U



868-15SH



Cast Iron Roof Drain

Cast Iron No-Hub Connection

- Enamel-coated cast iron body, gravel guard and dome strainer
- Low-profile dome strainer twist-locks into gravel guard

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Options: Add letter suffix. Add price to list.

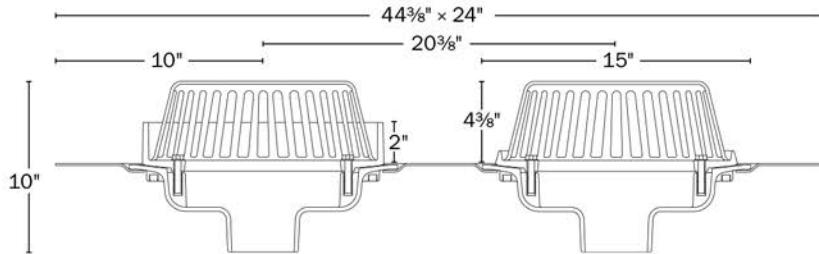
NEW H	Undermount hardware kit	\$39.50
U	Underdeck clamp kit	\$42.50
S	Sump receiver	\$74.00
E	Adjustable extension assembly kit	\$147.50
W	2" high, external water dam	\$67.50
P	2" high, internal water dam	\$65.00

Item No	Description	Pkg	Min Qty	Case Qty
868-1503	3" no-hub cast iron roof drain	B*	1	1
868-1504	4" no-hub cast iron roof drain	B*	1	1
868-1506	6" no-hub cast iron roof drain	B*	1	1
868-1508	8" no-hub cast iron roof drain	B*	1	1
ACCESSORIES				
868-15CD	Cast iron dome strainer	B*	1	1
868-15S	Sump receiver - 16-gauge galvanized steel	B*	1	1
868-15SH	Undermount hardware kit: 4 pieces angle bracket, thread rod, nuts, washers	B*	1	1
868-15U	Underdeck clamp kit: 4 pieces thread rod, nuts, washers, two clamping bars	B*	1	1
868-15WD	External water dam - 2" high	B*	1	5
868-15EXT	Adjustable extension assembly kit	B*	1	1

Roof Drain & Overflow

Cast Iron No-Hub Connection

- Install drain and overflow fixtures side-by-side, using one sump receiver
- Includes powder-coated sump receiver, roof drain, and overflow fixtures
- Enamel-coated cast iron body, gravel guard and dome strainer



868-15U



868-15SH



868-15EXT

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Options: Add letter suffix. Add price to list.

H	Undermount hardware kit (2 kits)	\$79.00
U	Underdeck clamp kit (2 kits)	\$85.00
E	Adjustable extension assembly kit (2 kits)	\$295.00
P	2" high, internal water dam in lieu of external water dam (1 pc)	\$(N/C)

Item No	Description	Pkg	Min Qty	Case Qty
868-D1503	3" no-hub cast iron roof drain & overflow with sump receiver	B*	1	1
868-D1504	4" no-hub cast iron roof drain & overflow with sump receiver	B*	1	1
868-D1506	6" no-hub cast iron roof drain & overflow with sump receiver	B*	1	1
868-D1508	8" no-hub cast iron roof drain & overflow with sump receiver	B*	1	1
ACCESSORIES				
868-15CD	Cast iron dome strainer	B	1	1
868-15S2	Double sump receiver only - 12 gauge powder-coated steel	B	1	1
868-15SH	Undermount hardware kit: 4 pieces angle bracket, thread rod, nuts, washers	B*	1	1
868-15U	Underdeck clamp kit: 4 pieces angle bracket, thread rod, nuts, washers, two clamping bars	B*	1	1
868-15EXT	Adjustable extension assembly kit	B*	1	1



868-2010



868-20WD



868-20S



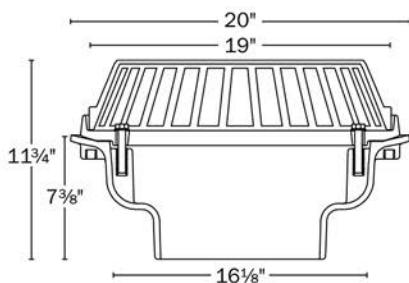
868-20U

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Large Capacity Cast Iron Roof Drain

Cast Iron No-Hub Connection

- For large capacity applications
- Cast iron dome strainer
- Enamel-coated cast iron body, gravel guard and dome strainer
- Low-profile dome strainer twist-locks into gravel guard



Options: Add letter suffix. Add price to list.

U	Underdeck clamp kit	\$82.50
S	Sump receiver	\$135.00
W	2" high, external water dam	\$85.00

Item No	Connection	Pkg	Min Qty	Case Qty
868-2010	10" no-hub	B*	1	1
868-2012	12" no-hub	B*	1	1
ACCESSORIES				
868-20CD	Cast iron dome strainer	B*	1	1
868-20WD	External water dam - 2" high	B*	1	1
868-20U	Underdeck clamp kit: 4 pieces thread rod, nuts, washers, two clamping bars	B*	1	1
868-20S	Sump receiver	B*	1	1

868 Series No-Hub Roof Drain

Cast Iron No-Hub Connection

- Polyethylene or cast aluminum strainer
- Polyethylene dome strainer is U.V. resistant
- Cast aluminum dome strainer and gravel guard are epoxy-coated



868-i4M



868-WD



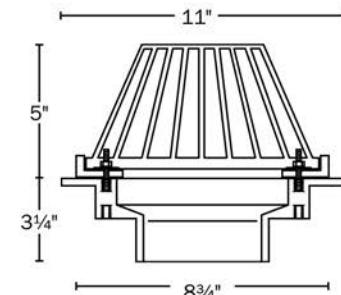
868-S

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	\$8.00
W	External water dam, 2 $\frac{3}{16}$ "	\$75.00
P	Steel micro-screen installed over dome strainer	\$50.00
STP2	2" overflow standpipe installed	\$75.00
U	Underdeck clamp kit	\$52.50
S	Sump receiver	\$45.00
E	Extension collar kit	\$50.00

CLICK FOR SUBMITTAL

Item No	Connection	Pkg	Min Qty	Case Qty
POLYETHYLENE DOME STRAINER				
868-i3	3" no-hub	B*	1	2
868-i4	4" no-hub	B*	1	2
868-i6	6" no-hub	B*	1	2
EPOXY-COATED CAST ALUMINUM DOME STRAINER				
868-i3M	3" no-hub	B*	1	2
868-i4M	4" no-hub	B*	1	2
868-i6M	6" no-hub	B*	1	2
ACCESSORIES				
868-MC	Epoxy-coated aluminum replacement gravel guard	B*	1	10
868-WD	Epoxy-coated aluminum external water dam, 2 $\frac{3}{16}$ "	B*	1	1
868-C	Under deck clamp kit: 11" epoxy-coated clamping plate, thread rod, nuts & washers	B*	1	5
868-E	Extension collar kit: 13" extension collar, thread rod, nuts & washers	B*	1	5
868-S	Sump receiver: 11 $\frac{1}{2}$ " sump receiver plate	B*	1	10



Deck Anchor™

» Fixture Mounting & Connection Fitting



Solid

Anchors drainage fixtures in place on slab forms during rough-in

Mount the DeckAnchor™ to the form with nails and attach drainage fixture with No-Hub coupling

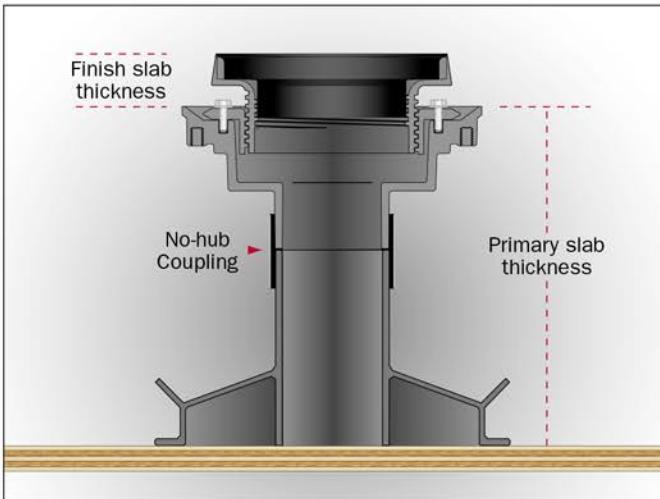
Rugged, one-piece ductile iron construction

Convenient

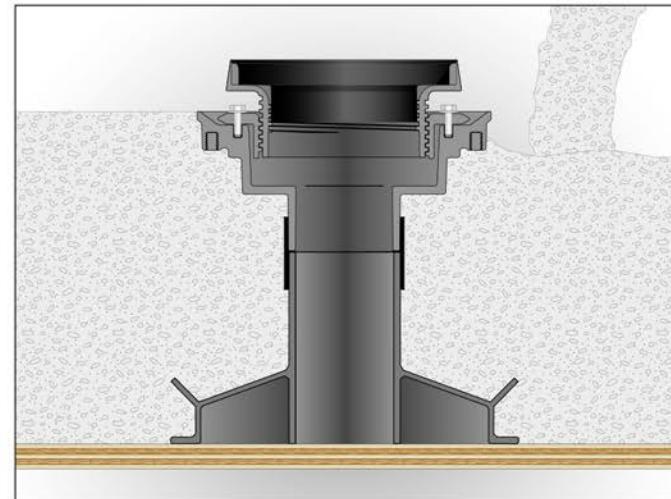
Provides easy access to integral connection when wood deck forms are removed

Cut riser to length, or extend with pipe for thicker slabs

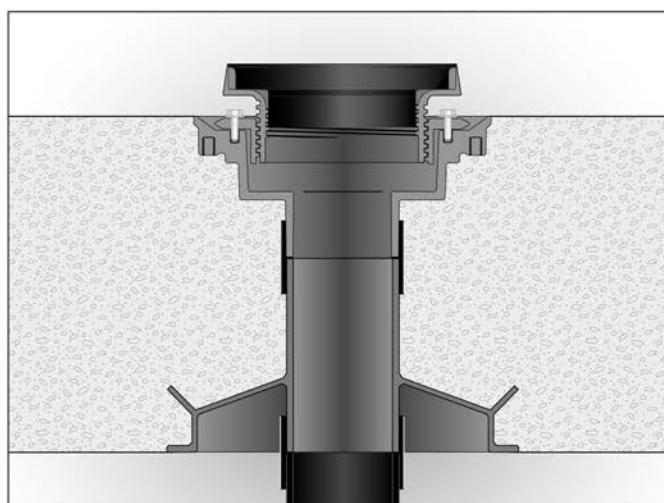




Consider the thickness of the slab pour and cut the extension portion to length. Attach drainage fixture to upper connection with no-hub coupling.

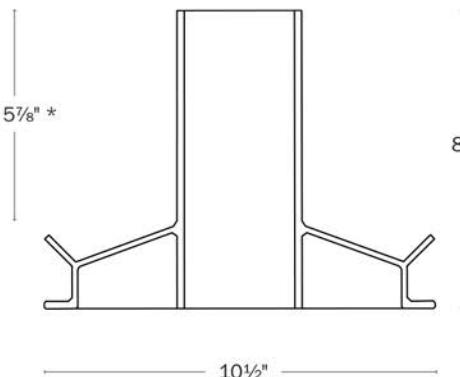


Mount the DeckAnchor™ to the form with nails or screws. Pour and finish slab to desired level.



After slab has cured and the deck form is removed, connect drain pipe to DeckAnchor™ with no-hub coupling.

Dimensions



* Fitting extension can be cut to length per application, or extended using pipe/coupling.



836-2



836-3



836-4

CLICK FOR SUBMITTAL

Buying Information

ITEM NO.	DESCRIPTION	MIN. QTY.	CASE QTY.
836-2	2" No-Hub connection ductile iron DeckAnchor™	1	1
836-3	3" No-Hub connection ductile iron DeckAnchor™	1	1
836-4	4" No-Hub connection ductile iron DeckAnchor™	1	1



868-P4M



868-WD



868-S

CLICK FOR SUBMITTAL

868 Series Solvent Weld Roof Drain

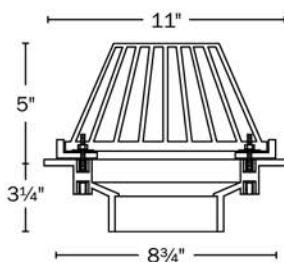
ABS or PVC Solvent Weld Connection

- Polyethylene or cast aluminum dome strainer
- Polyethylene dome strainer is U.V. resistant
- Cast aluminum dome strainer and gravel guard are epoxy-coated
- Brass thread inserts accept collar and clamp screws

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	\$8.00
W	External water dam, $2\frac{3}{16}$ "	\$75.00
P	Steel micro-screen installed over dome strainer	\$50.00
STP2	2" overflow standpipe installed	\$75.00
U	Underdeck clamp kit	\$52.50
S	Sump receiver	\$45.00
E	Extension collar kit	\$50.00

PVC Item No	ABS Item No	Connection	Pkg	Min Qty	Case Qty
POLYETHYLENE DOME STRAINER					
868-P3	868-A3	3" Sch. 40 hub	B*	1	2
868-P4	868-A4	4" Sch. 40 hub	B*	1	2
868-P6	868-A6	6" Sch. 40 hub	B*	1	2
EPOXY-COATED CAST ALUMINUM DOME STRAINER					
868-P3M	868-A3M	3" Sch. 40 hub	B*	1	2
868-P4M	868-A4M	4" Sch. 40 hub	B*	1	2
868-P6M	868-A6M	6" Sch. 40 hub	B*	1	2
ACCESSORIES					
868-MC	—	Epoxy-coated aluminum replacement gravel guard	B*	1	10
868-WD	—	Epoxy-coated aluminum external water dam, $2\frac{3}{16}$ "	B*	1	1
868-C	—	Under deck clamp kit: 11" epoxy-coated clamping plate, thread rod, nuts & washers	B*	1	5
868-E	—	Extension collar kit: 13" extension collar, thread rod, nuts & washers	B*	1	5
868-S	—	Sump receiver: 11 $\frac{1}{2}$ " sump receiver plate	B*	1	10



867 Series Solvent Weld Roof Drain

ABS or PVC Solvent Weld Connection

- Polypropylene (Polypro) or cast iron dome strainer
- ABS or PVC solvent weld connection
- Uses "key and keyhole" alignment system on dome strainer and gravel guard
- Polypro dome strainer and PVC gravel guard are U.V. resistant
- Brass thread inserts accept collar and clamp screws



867-P4



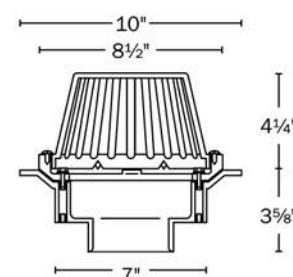
867-C

[CLICK FOR SUBMITTAL](#)

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	\$8.00
P	Steel micro-screen installed over dome strainer	\$50.00
C	Ductile iron gravel guard in place of PVC	\$22.50
STP2	2" overflow standpipe installed	\$50.00
U	Underdeck clamp kit	\$26.50

PVC Item No	ABS Item No	Connection	Pkg	Min Qty	Case Qty
POLYPROPYLENE DOME STRAINER					
867-P2	867-A2	2" Sch. 40 hub	B*	1	2
867-P3	867-A3	3" Sch. 40 hub	B*	1	2
867-P4	867-A4	4" Sch. 40 hub	B*	1	2
ENAMEL-COATED CAST IRON DOME STRAINER					
867-P2M	867-A2M	2" Sch. 40 hub	B*	1	2
867-P3M	867-A3M	3" Sch. 40 hub	B*	1	2
867-P4M	867-A4M	4" Sch. 40 hub	B*	1	2
ACCESSORIES					
867-C	—	Underdeck clamp kit: four pieces 8" thread rod, four washers, four nuts, two 14" clamping bars	B*	1	25
867-HC	—	PVC replacement gravel guard	B	1	5
867-MC	—	Ductile iron replacement gravel guard	B	1	5
867-UM	—	Stainless steel dome screen	B*	1	1





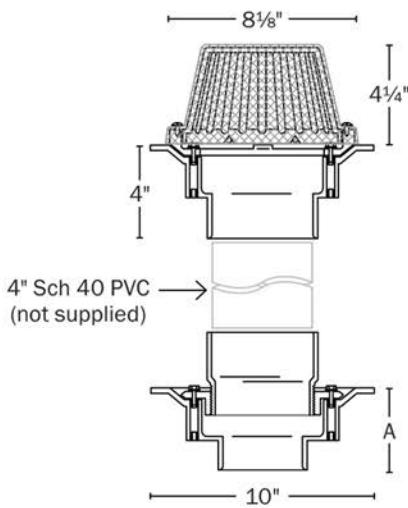
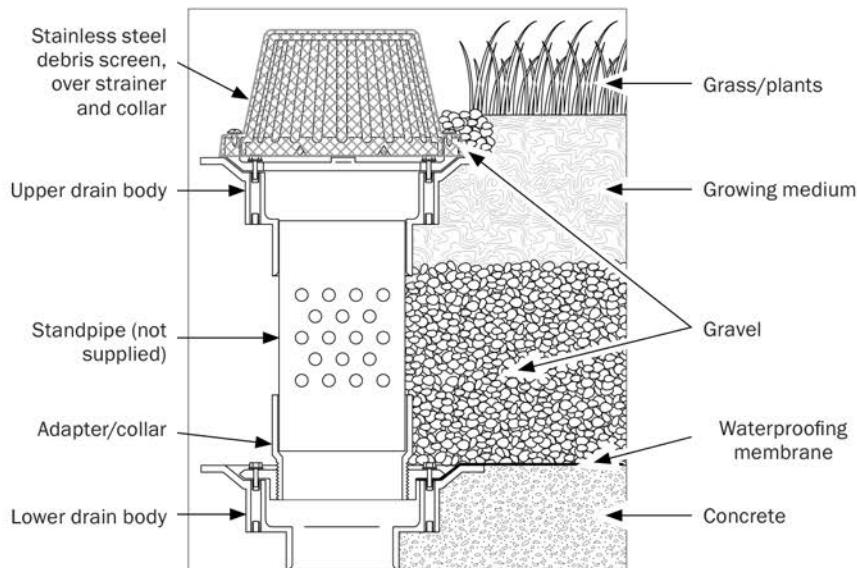
867-L3PP

[CLICK FOR SUBMITTAL](#)

Planter Area Drain

ABS or PVC Solvent Weld Connection

- Perfect for indoor atriums, green roof installations, ground-level plant boxes, etc.
- All corrosion-resistant materials – ABS/PVC, polypro, stainless steel and brass
- Provides an economical, adjustable alternative to heavy cast iron models



TYPICAL INSTALLATION

Fixtures are installed where draining of excess water in planting areas is necessary. A measured length of 4" Sch. 40 PVC is installed between the adapter and the upper drain body. This pipe may be drilled and wrapped with landscape fabric (if desired) for additional secondary drainage. Gravel should be applied around the adapter and collar to protect weep holes and to insure proper secondary drainage.

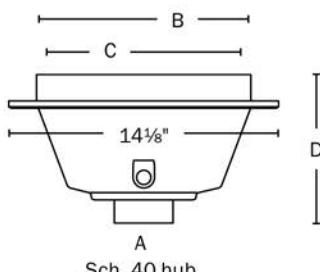
PVC Item No	ABS Item No	Connection	Dimension	Pkg	Min Qty	Case Qty
			A			
867-L3PP	867-L3AP	3" Sch. 40 hub	3 3/4"	B*	1	1
867-L4PP	867-L4AP	4" Sch. 40 hub	4"	B*	1	1
ACCESSORIES						
867-C	—	Underdeck clamp kit	B*	1	25	
867-MD	—	Ductile iron dome strainer	B*	1	5	
867-MC	—	Ductile iron collar/gravel guard	B*	1	5	



Anchor flange provides solid installations.
Thinner rim profile than other square floor sinks.

Now Available without
Anchor Flange
861-3PXR

CLICK FOR SUBMITTAL



Sch. 40 hub

Square Max™

PVC Square Floor Sink

- Sump area is 54% larger than most PVC square floor sinks
- Low profile design with anchor flange for a clean appearance and a solid installation. Clamping collar available
- All inner surfaces are pitched, no standing water in sump area
- Independent lab tests show no distortion from water temperatures up to 180°F
- Tough, impact resistant PVC construction
- PVC and nickel bronze strainers for pedestrian traffic. Ductile iron strainer for heavy-duty applications

Item No	Dimensions				Pkg	Min Qty	Case Qty
	A	B	C	D			
NO STRAINER - SINK ONLY							
861-2PX	2"	11 3/16"	10 11/16"	7 7/16"	B*	1	3
861-3PX	3 x 4"	11 3/16"	10 11/16"	8 5/16"	B*	1	3
861-4PX	4"	11 3/16"	10 11/16"	7 7/16"	B*	1	3
861-6PX	6"	11 3/16"	10 11/16"	9 1/2"	B*	1	3
WITH PVC STRAINER							
861-2P	2"	11 3/16"	10 11/16"	7 7/16"	B*	1	1
861-3P	3 x 4"	11 3/16"	10 11/16"	8 5/16"	B*	1	1
861-4P	4"	11 3/16"	10 11/16"	7 7/16"	B*	1	1
861-6P	6"	11 3/16"	10 11/16"	9 1/2"	B*	1	1
WITH NICKEL BRONZE RING & STRAINER							
861-2PN	2"	11 3/4"	10 3/4"	7 3/8"	B*	1	1
861-3PN	3 x 4"	11 3/4"	10 3/4"	8 3/4"	B*	1	1
861-4PN	4"	11 3/4"	10 3/4"	8 3/8"	B*	1	1
861-6PN	6"	11 3/4"	10 3/4"	9 15/16"	B*	1	1
WITH DUCTILE IRON RING & STRAINER							
861-2Pi	2"	11 3/4"	10 5/8"	8"	B*	1	1
861-3Pi	3 x 4"	11 3/4"	10 5/8"	8 3/8"	B*	1	1
861-4Pi	4"	11 3/4"	10 5/8"	9"	B*	1	1
861-6Pi	6"	11 3/4"	10 5/8"	10 1/16"	B*	1	1

Square Max™

Options, Strainers and Accessories

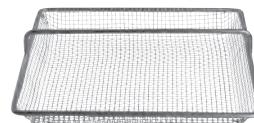
- Square Max options are factory installed
- Square Max strainers and accessories are ordered and sold separately

Suffix Code	Description	Availability Restrictions
OPTIONS		
When ordering multiple options, please list suffix code in the order they are shown below		
to the appropriate Square Max item number from the previous page		
D	PVC dome bottom strainer Fits into drain outlet: 2½" tall × 5½" dia.	Not on 6" sinks
U	Aluminum dome bottom strainer Fits inside sump area: 2" tall × 4½" dia.	Not on 6" sinks
C	PVC clamping collar with stainless steel bolts	—
W	Stainless steel debris basket Fits inside sump area: 1½" tall × 8½" dia.	—
2	Open-half strainer Nickel strainer includes nickel ring	Not for ductile iron strainers
3	Open-quarter strainer Nickel strainer includes nickel ring	Not for ductile iron strainers
V	Vandal-resistant screws for strainer	Not for ductile iron strainers
T	Tapped trap primer connection, ½" FIP thread	—
F	Round nickel condensate funnel with screws 4" tall, 4½" top opening	—
FA	Round aluminum condensate funnel with screws 4" tall, 4½" top opening	—
FO	Oval nickel condensate funnel with screws 4" tall, 9½" × 3½" opening	—
6	PVC flat strainer for drain outlet: 5½" dia.	Not on 6" sinks

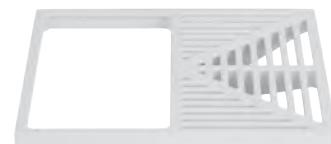
Item No	Description	Pkg	Min Qty	Case Qty
STRAINERS				
861-5	PVC full strainer with lift handle	B*	1	15
861-51	PVC open-half strainer	B*	1	15
861-53	PVC open-quarter strainer	B*	1	15
861-5N	Nickel bronze full strainer only	B*	1	1
861-5NR	Nickel bronze ring & full strainer	B*	1	3
861-51N	Nickel bronze open-half strainer only	B*	1	4
861-51NR	Nickel bronze ring & open-half strainer	B*	1	3
861-53N	Nickel bronze open-quarter strainer only	B*	1	1
861-53NR	Nickel bronze ring & open-quarter strainer	B*	1	5
861-5CiG	Heel-proof, ductile iron strainer only	B*	1	1
861-5Ci	Heel-proof, ductile iron ring & full strainer	B*	1	3
ACCESSORIES				
861-D	PVC dome bottom strainer 2½" tall × 5½" dia. NOT for use on sinks with 6" connection	B*	1	80
863-U	Aluminum dome bottom strainer 2" tall × 4½" dia. NOT for use on sinks with 6" connection	B*	1	5
861-C	PVC clamping collar with stainless steel bolts	B*	1	5
861-6	PVC flat bottom strainer for drain outlet 5½" dia. NOT for use on sinks with 6" connection	B*	1	10
861-UM	Stainless steel debris basket for sump area 1½" tall × 8½" dia.	B*	1	5
863-FA	Aluminum condensate funnel with screws 4" tall, 4½" top opening	B*	1	5
863-FN	Nickel bronze condensate funnel with screws 4" tall, 4½" top opening	B*	1	5
863-FNO	Oval nickel bronze condensate funnel with screws	B*	1	5



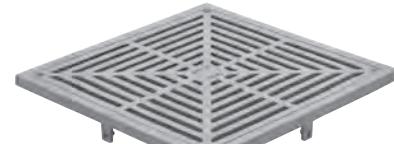
Option U
863-U



Option W
861-UM



Option 2
861-51



861-5NR



Option 6
861-6



Option FO
863-FNO



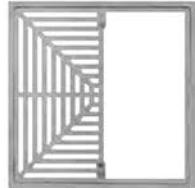
861-23XF



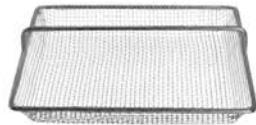
861-23X



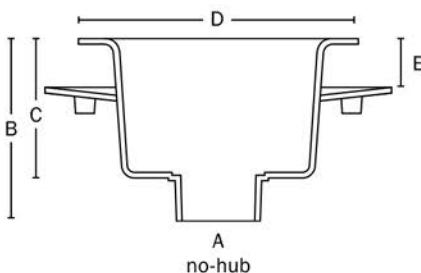
Option D / 861-AD



Option N2 / 861-52iN



Option W / 861-UMi



Cast Iron Square Floor Sink

12" x 12" – No-Hub Connection

- Acid-resistant porcelain enamel coating (ARE)
- Perfect for high heat discharge applications
- Available with flange and clamping collar for above-grade applications

Options: Add letter suffix. Add price to list.

- I** Full ARE cast iron grate
- I2** Open-half ARE cast iron grate
- I3** Open-quarter ARE cast iron grate
- N** Full nickel bronze grate
- N2** Open-half nickel bronze grate
- N3** Open-quarter nickel bronze grate
- W** Stainless steel debris basket
- D** Aluminum dome bottom strainer
- C** Clamping collar with bolts ¹

¹ For use with flanged floor sink.

CLICK FOR SUBMITTAL

Item No	Dimensions					Pkg	Min Qty	Case Qty
	A	B	C	D	E			
NO STRAINER – SINK ONLY								
861-22X	2"	9"	6"	12"	—	B	1	1
861-23X	3"	9"	6"	12"	—	B	1	1
861-24X	4"	9"	6"	12"	—	B	1	1
861-22XF	2"	9"	6"	12"	2½"	B	1	1
861-23XF	3"	9"	6"	12"	2½"	B	1	1
861-24XF	4"	9"	6"	12"	2½"	B	1	1
ACCESSORIES								
861-52i	Open-half grate, ARE cast iron				—	B	1	10
861-53i	Open-quarter grate, ARE cast iron				—	B	1	10
861-5i	Full grate, ARE cast iron				—	B	1	1
861-52iN	Open-half grate, nickel bronze				—	B	1	1
861-53iN	Open-quarter grate, nickel bronze				—	B	1	1
861-5iN	Full grate, nickel bronze				—	B	1	1
861-UMi	Stainless steel debris basket				—	B	1	1
861-AC	Clamping collar, aluminum, with bolts, for flanged model				—	B	1	1
861-AD	Dome bottom strainer, aluminum				—	B	1	20
863-FA	Aluminum condensate funnel with screws				—	B*	1	5
863-FN	Nickel bronze condensate funnel with screws				—	B*	1	5
863-FNO	Oval nickel bronze condensate funnel with screws				—	B*	1	5

Cast Iron Square Floor Sink

8" x 8" – No-Hub Connection

- Acid-resistant porcelain enamel coating (ARE)
- Perfect for high heat discharge applications



861-283X

[CLICK FOR SUBMITTAL](#)



Option D / 861-AD

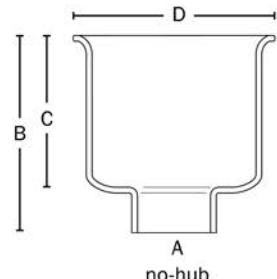


Option N / 861-58iN

Options: Add letter suffix. Add price to list.

- I Full ARE cast iron grate
- I2 Open-half ARE cast iron grate
- I3 Open-quarter ARE cast iron grate
- N Full nickel bronze grate
- N2 Open-half nickel bronze grate
- N3 Open-quarter nickel bronze grate
- D Aluminum dome bottom strainer

Item No	Dimensions				Pkg	Min Qty	Case Qty
	A	B	C	D			
NO STRAINER – SINK ONLY							
861-282X	2"	8 ⁵ / ₈ "	6"	8"	B	1	1
861-283X	3"	8 ⁵ / ₈ "	6"	8"	B	1	1
861-284X	4"	8 ⁵ / ₈ "	6"	8"	B	1	1
ACCESSORIES							
861-582i	Open-half grate, ARE cast iron				B	1	1
861-583i	Open-quarter grate, ARE cast iron				B	1	1
861-58i	Full grate, ARE cast iron				B	1	1
861-582iN	Open-half grate, nickel bronze				B	1	1
861-583iN	Open-quarter grate, nickel bronze				B	1	1
861-58iN	Full grate, nickel bronze				B	1	1
861-AD	Dome bottom strainer, aluminum				B	1	20
863-FA	Aluminum condensate funnel with screws				B*	1	5
863-FN	Nickel bronze condensate funnel with screws				B*	1	5
863-FNO	Oval nickel bronze condensate funnel with screws				B*	1	5



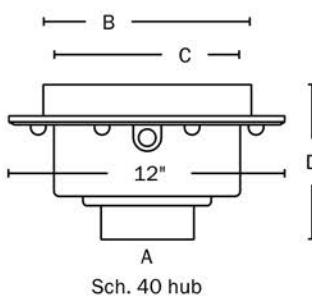
Fat Max™**PVC Round Floor Sink**

- New white color provides a cleaner appearance in floor sink applications
- Low profile design with anchor flange for a solid installation
- Independent lab tests show no distortion from water temperatures up to 180°F
- Tough, impact resistant PVC construction
- PVC, nickel bronze and stainless steel strainers for pedestrian traffic. Cast iron strainer for heavy-duty applications



860-W3P

CLICK FOR SUBMITTAL



PVC Item No	Dimensions				Pkg	Min Qty	Case Qty
	A	B	C	D			
NO STRAINER - SINK ONLY							
860-W2PX	2"	9"	8½"	6¾"	B*	1	4
860-W3PX	3 x 4"	9"	8½"	6¾"	B*	1	4
860-W4PX	4"	9"	8½"	6¾"	B*	1	4
WITH PVC STRAINER							
860-W2P	2"	9"	8½"	6¾"	B*	1	4
860-W3P	3 x 4"	9"	8½"	6¾"	B*	1	4
860-W4P	4"	9"	8½"	6¾"	B*	1	4
WITH NICKEL BRONZE RING & STRAINER							
860-W2PN	2"	9¾"	9¾"	7¾"	B*	1	4
860-W3PN	3 x 4"	9¾"	9¾"	7¾"	B*	1	4
860-W4PN	4"	9¾"	9¾"	7¾"	B*	1	4
WITH STAINLESS STEEL RING & STRAINER							
860-W2PZ	2"	9¾"	9¾"	7¾"	B*	1	4
860-W3PZ	3 x 4"	9¾"	9¾"	7¾"	B*	1	4
860-W4PZ	4"	9¾"	9¾"	7¾"	B*	1	4
WITH CAST IRON RING & STRAINER							
860-W2Pi	2"	9¾"	8½"	6¾"	B*	1	2
860-W3Pi	3 x 4"	9¾"	8½"	6¾"	B*	1	2
860-W4Pi	4"	9¾"	8½"	6¾"	B*	1	2

Fat Max™

Options, Strainers and Accessories

- Customize the Fat Max™ to your specific application
- Options are factory installed
- Strainers and accessories are ordered and sold separately

Suffix Code	Description	Availability Restrictions
OPTIONS		
When ordering multiple options, please list suffix code in the order they are shown below		
to the appropriate Fat Max item number from the previous page		
N	Nickel bronze veneer	Only for floor sinks with cast iron strainers
S	PVC sand bucket for sump area	—
U	PVC debris bucket for sump area	—
C	PVC clamping collar with stainless steel bolts	—
D	PVC dome bottom strainer for drain outlet	Not for 6" sinks
V	Vandal-resistant screws for strainer	Not for cast iron strainers
T	Tapped trap primer connection, 1/2" FIP	—
2	Open-half strainer	Not for cast iron strainers
3	Open-quarter strainer	Not for cast iron strainers
W	Stainless steel debris basket for sump area	—
F	Round nickel bronze condensate funnel	—
FA	Round aluminum condensate funnel	—
FO	Oval nickel bronze condensate funnel	—
J	Solid PVC cover with lift handle	Only for sinks with no strainer
6	PVC flat strainer for drain outlet 5 1/16" dia.	Not for 6" sinks
L	Aluminum dome bottom strainer for drain outlet	Not for 6" sinks



Option 2 / 860-RGN2



Option 3 / 860-WGP3



Option C / 860-C



Option W / 860-UM



Option S / 860-WS



Option U / 860-WU



Option F / 863-FN



Option FO / 863-FNO



Option 6 / 861-6



Option D / 861-D



Option L / 863-U



864-W3P2



864-WS



864-UM



863-FA

Little Max™

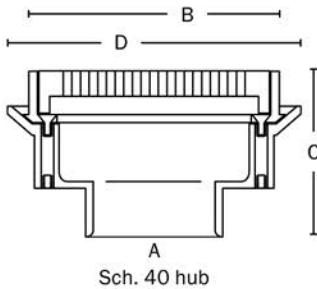
Compact Round PVC Floor Sink

- New white color provides a cleaner appearance in floor sink applications
- PVC solvent weld connection
- Strainer ring can be used as a clamping collar for above-grade applications
- Stainless steel lift handle for strainer

Options: Add letter suffix. Add price to list.

- V** Vandal-resistant screws
- T** Tapped 1/2" FIP for trap primer
- S** Sand bucket installed
- U** Stainless steel debris basket for sump area
- 2** Open-half strainer installed
- 3** Open-quarter strainer installed
- X** Drain body & ring/collar without strainer

CLICK FOR SUBMITTAL



PVC Item No	Dimensions				Pkg	Min Qty	Case Qty
	A	B	C	D			
864-W2P	2"	7 1/4"	4 1/4"	8 1/2"	B*	1	3
864-W3P	3"	7 1/4"	4 3/8"	8 1/2"	B*	1	3
864-W4P	4"	7 1/4"	5 1/8"	8 1/2"	B*	1	3
ACCESSORIES							
864-WGP	PVC strainer with lift handle, loose set				B*	1	1
864-WS	PVC sand bucket (fits inside sump area)				B*	1	10
864-UM	Stainless steel mesh debris basket				B*	1	10
863-FA	Aluminum condensate funnel with screws 4" tall, 4 5/16" top opening				B*	1	5
863-FN	Nickel bronze condensate funnel with screws 4" tall, 4 5/16" top opening				B*	1	5
863-FNO	Oval nickel bronze condensate funnel with screws				B*	1	5

Cast Iron Round Floor Sink

9" Diameter – No-Hub Connection

- Acid-resistant porcelain enamel coating (ARE)
- Perfect for high heat discharge applications



860-293Xi2



Option N2 / 860-RGN2



Option W / 860-UM



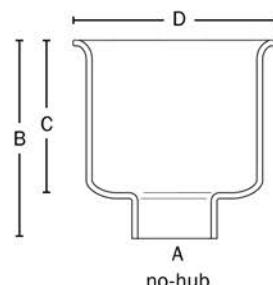
Option D / 861-AD

CLICK FOR SUBMITTAL

Options: Add letter suffix. Add price to list.

- I** Full ARE cast iron grate
- I2** Open-half ARE cast iron grate
- I3** Open-quarter ARE cast iron grate
- N** Full nickel bronze grate
- N2** Open-half nickel bronze grate
- N3** Open-quarter nickel bronze grate
- S** Full 304 stainless steel grate
- S2** Open-half 304 stainless steel grate
- S3** Open-quarter 304 stainless steel grate
- W** Stainless steel debris basket
- D** Aluminum dome bottom strainer

Item No	Dimensions				Pkg	Min Qty	Case Qty
	A	B	C	D			
860-292X	2"	8 1/4"	6"	9"	B*	1	1
860-293X	3"	8 1/4"	6"	9"	B*	1	1
860-294X	4"	8 1/4"	6"	9"	B*	1	1
ACCESSORIES							
860-592i	Open-half grate, ARE cast iron			B*	1	1	
860-593i	Open-quarter grate, ARE cast iron			B*	1	1	
860-59i	Full grate, ARE cast iron			B*	1	1	
860-RGN2	Open-half grate, nickel bronze			B*	1	1	
860-RGN3	Open-quarter grate, nickel bronze			B*	1	1	
860-RGN	Full grate, nickel bronze			B*	1	1	
860-RGS2	Open-half grate, 304 stainless steel			B*	1	1	
860-RGS3	Open-quarter grate, 304 stainless steel			B*	1	1	
860-RGS	Full grate, 304 stainless steel			B*	1	1	
860-UM	Stainless steel debris basket			B*	1	5	
861-AD	Dome bottom strainer, aluminum			B*	1	20	
863-FA	Aluminum condensate funnel with screws			B*	1	5	
863-FN	Nickel bronze condensate funnel with screws			B*	1	5	
863-FNO	Oval, nickel bronze condensate funnel with screws			B*	1	5	





Fat Max™

Round Stainless Steel Floor Sink

- All-stainless construction - body, strainer and debris bucket are 304 stainless steel
- Smooth, seamless sump area with bead-blasted finish is suitable for use in commercial/restaurant kitchens, health care facilities or food processing plants
- Other typical applications include breweries, chemical/textile plants, dairies or laboratories



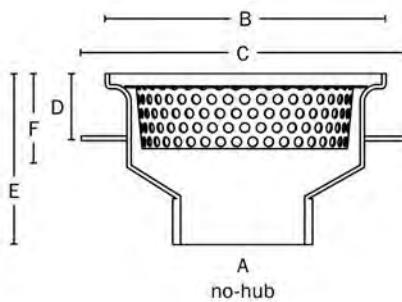
860-4SS



CLICK FOR SUBMITTAL



860-3SS



Item No	Dimensions						Pkg	Min Qty	Case Qty
	A	B	C	D	E	F			
860-3SS	3"	6 3/4	8	2"	5 1/2	3	B*	1	1
860-4SS	4"	8 7/8	10 3/8	2"	5 1/2	3	B*	1	1
ACCESSORIES									
860-3SSS	Strainer only for 860-3SS						B	1	1
860-4SSS	Strainer only for 860-4SS						B	1	1



Set Drain



Pour Concrete Flush with Plug



Remove Coring Plug



Install Finish Fixture



A Perfect Finish

Finish Line™

Adjustable Cleanout

Patent #7,735,512

The Finish Line™ allows for adjustment of the cleanout AFTER the pour. Achieve a perfect finish for every cover every time.



Finish Fixture



Coring Plug



Coring Sleeve

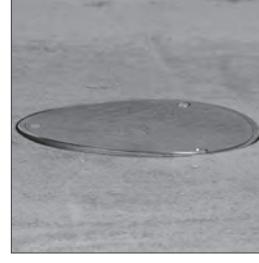


Base Adapter

Eliminate cleanouts set too high or too low.
Stop wrapping threads and boxing out.



Eliminate finish fixture damage by
keeping them off the job during construction.



Finish Line™

Adjustable Cleanout

Ductile Iron No-Hub Connection

- Adjustable AFTER the pour
- Ductile iron base adapter with 3½" polypro cleanout plug, ductile iron coring sleeve, head adapter and poly coring plug
- Medium-duty nickel bronze and stainless steel covers
- Ductile iron covers for use in heavy-duty applications



Rough-in Drain
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and strainer



Complete Assembly
Includes rough-in drain and boxed finish fixture



834-4DiR



832-S4



832-EX4

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws

S Stamping: specify letters ¹

C Carpet marker

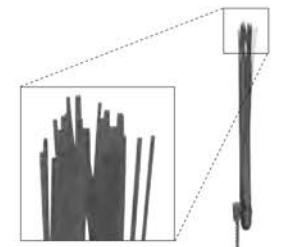
B Brass plug in place of polypro

Z Complies with Buy American Act ²

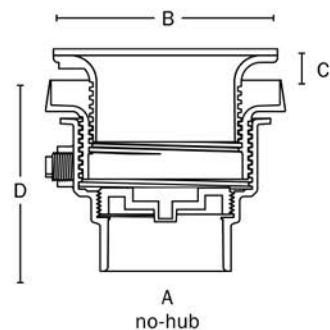
[CLICK FOR SUBMITTAL](#)

¹ Not available on ductile iron covers.

² Only available on cleanouts with round nickel covers.



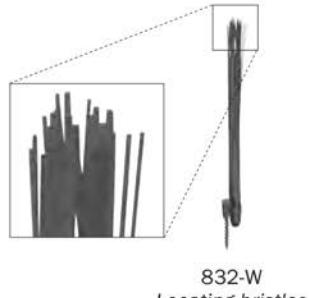
832-W
Locating bristles



Item No	Ring & Cover	Dimensions				Pkg	Min Qty	Case Qty
		A	B	C	D			
NO-HUB ROUGH-IN CLEANOUT								
834-3DF	(Coring plug)	3"	—	—	5¼"-6½"	B*	1	1
834-4DF	(Coring plug)	4"	—	—	5½"-6¾"	B*	1	1
FINISH FIXTURE								
834-4DHiR	Round ductile	—	6½"	—		B*	1	10
834-4DHNR	Round ni-brnz	—	6½"	—		B*	1	10
834-4DHNQ	Square ni-brnz	—	6⅝"	—		B*	1	10
834-4DHSR	Round 304 SS	—	6½"	—		B*	1	1
834-4DHSQ	Square 304 SS	—	6⅝"	—		B*	1	1
NO-HUB COMPLETE ASSEMBLY								
834-3DiR	Round ductile	3"	6½"	0-1¼"	5¼"-6½"	B*	1	1
834-3DNR	Round ni-brnz	3"	6½"	0-1¼"	5¼"-6½"	B*	1	1
834-3DNQ	Square ni-brnz	3"	6⅝"	5/16"-1¼"	5¼"-6½"	B*	1	1
834-3DSR	Round 304 SS	3"	6½"	0-1¼"	5¼"-6½"	B*	1	1
834-3DSQ	Square 304 SS	3"	6⅝"	5/16"-1¼"	5¼"-6½"	B*	1	1
834-4DiR	Round ductile	4"	6½"	0-1¼"	5½"-6¾"	B*	1	1
834-4DNR	Round ni-brnz	4"	6½"	0-1¼"	5½"-6¾"	B*	1	1
834-4DNQ	Square ni-brnz	4"	6⅝"	5/16"-1¼"	5½"-6¾"	B*	1	1
834-4DSR	Round 304 SS	4"	6½"	0-1¼"	5½"-6¾"	B*	1	1
834-4DSQ	Square 304 SS	4"	6⅝"	5/16"-1¼"	5½"-6¾"	B*	1	1
ACCESSORIES								
832-S4	Two adjustment shims, two ¾" screws			B*	1	10		
832-EX4	Ductile iron extension nipple - 2" min - 4" max			B*	1	1		
832-W	Flexible red locating bristles with screw			B*	1	10		



834-6DIR

832-W
Locating bristles

Finish Line™

Adjustable Cleanout

6" Ductile Iron No-Hub Connection

- Adjustable AFTER the pour
- Ductile iron base adapter with 6" polypro cleanout plug, ductile iron coring sleeve, head adapter and poly coring plug
- Medium-duty nickel bronze and stainless steel covers
- Ductile iron cover for use in heavy-duty applications



Rough-in Cleanout
Base adapter, coring sleeve and coring plug

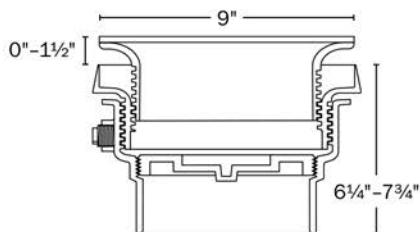


Finish Fixture
Head adapter, ring and cover



Complete Assembly
Includes rough-in cleanout and boxed finish fixture

CLICK FOR SUBMITTAL



Options: Add letter suffix. Add price to list.

V Vandal-resistant screws

B Brass plug in place of polypro

Item No	Description	Pkg	Min Qty	Case Qty
ROUGH-IN CLEANOUT				
834-6DF	6" no-hub cleanout rough-in fixture	B*	1	1
FINISH FIXTURE				
834-6DHiR	Ductile iron head adapter with ductile iron ring & cover	B*	1	1
834-6DHNR	Ductile iron head adapter with nickel bronze ring & cover	B*	1	1
834-6DHSR	Ductile iron head adapter with 304 stainless ring & cover	B*	1	1
COMPLETE ASSEMBLY				
834-6DIR	6" no-hub cleanout with ductile iron cover	B*	1	1
834-6DNR	6" no-hub cleanout with nickel bronze ring & cover	B*	1	1
834-6DSR	6" no-hub cleanout with 304 stainless ring & cover	B*	1	1
ACCESSORIES				
832-W	Flexible red locating bristles with screw	B*	1	10

Finish Line™

Adjustable Cleanout

Ductile Iron Push-Joint Connection

- Adjustable AFTER the pour
- Ductile iron base adapter with 3½" polypro cleanout plug, ductile iron coring sleeve, head Adapter, poly coring plug and neoprene push-joint gasket
- Medium-duty nickel bronze and stainless steel covers
- Ductile iron covers for use in heavy-duty applications



834-63DNQ



Rough-in Cleanout
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and cover



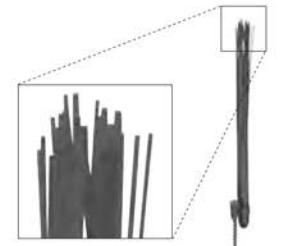
Complete Assembly
Includes rough-in cleanout and boxed finish fixture



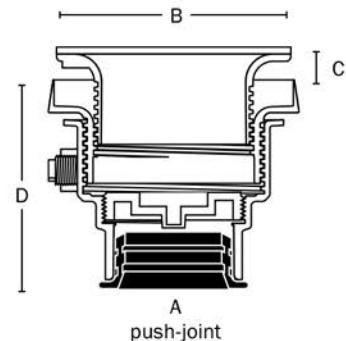
832-S4



832-EX4



832-W
Locating bristles



Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
S Stamping: specify letters ¹
C Carpet marker
B Brass plug in place of polypro
Z Complies with Buy American Act ²
P Push-joint gasket to fit Sch. 40 ABS/PVC pipe

CLICK FOR SUBMITTAL

¹ Not available on ductile iron covers.
² Only available on cleanouts with round nickel covers.

Item No	Ring & Cover	Dimensions				Pkg	Min Qty	Case Qty
		A	B	C	D			
PUSH-JOINT ROUGH-IN CLEANOUT								
834-63DF	(Coring plug)	3"	—	4¾"	5⅛"-6⅜"	B*	1	1
834-64DF	(Coring plug)	4"	—	5"	5⅛"-7⅛"	B*	1	1
FINISH FIXTURE								
834-4DHr	Round ductile	—	6½"	—	—	B*	1	10
834-4DHNr	Round ni-brnz	—	6½"	—	—	B*	1	10
834-4DHNQ	Square ni-brnz	—	6⅜"	—	—	B*	1	10
834-4DHSR	Round 304 SS	—	6½"	—	—	B*	1	1
834-4DHSQ	Square 304 SS	—	6⅜"	—	—	B*	1	1
PUSH-JOINT COMPLETE ASSEMBLY								
834-63DiR	Round ductile	3"	6½"	0-1¼"	5⅛"-6⅜"	B*	1	1
834-63DNR	Round ni-brnz	3"	6½"	0-1¼"	5⅛"-6⅜"	B*	1	1
834-63DNQ	Square ni-brnz	3"	6⅜"	5/16"-1¼"	5⅛"-6⅜"	B*	1	1
834-63DSR	Round 304 SS	3"	6½"	0-1¼"	5⅛"-6⅜"	B*	1	1
834-63DSQ	Square 304 SS	3"	6⅜"	5/16"-1¼"	5⅛"-6⅜"	B*	1	1
834-64DiR	Round ductile	4"	6½"	0-1¼"	5⅛"-7⅛"	B*	1	1
834-64DNR	Round ni-brnz	4"	6½"	0-1¼"	5⅛"-7⅛"	B*	1	1
834-64DNQ	Square ni-brnz	4"	6⅜"	5/16"-1¼"	5⅛"-7⅛"	B*	1	1
834-64DSR	Round 304 SS	4"	6½"	0-1¼"	5⅛"-7⅛"	B*	1	1
834-64DSQ	Square 304 SS	4"	6⅜"	5/16"-1¼"	5⅛"-7⅛"	B*	1	1
ACCESSORIES								
858-PG4	Push-joint gasket for 4" Sch. 40 pipe				B*	1	1	
832-S4	Two adjustment shims, two ¾" screws				B*	1	10	
832-EX4	Ductile iron extension nipple - 2" min - 4" max				B*	1	1	
832-W	Flexible red locating bristles with screw				B*	1	10	



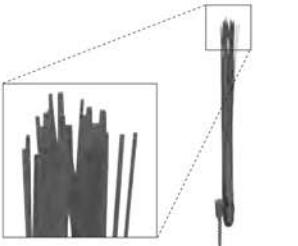
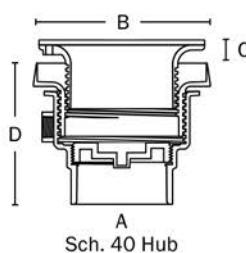
834-3ANR



832-S4



832-EX4

832-W
Locating bristles

Finish Line™

Adjustable Cleanout Sch. 40 Hub Connection

- Adjustable AFTER the pour
- ABS/PVC base adapter with 3½" polypro cleanout plug, ABS coring sleeve, head adapter and poly coring plug
- Medium-duty nickel bronze and stainless steel covers
- Tenzalloy covers for pedestrian traffic areas

Rough-in Cleanout
Base adapter, coring sleeve and coring plugFinish Fixture
Head adapter, ring and coverComplete Assembly
Includes rough-in cleanout and boxed finish fixture

[CLICK FOR SUBMITTAL](#)

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
S Stamping: specify letters
C Carpet marker
Z Complies with Buy American Act ¹

¹ Only available on cleanouts with round nickel covers.

PVC Item No	ABS Item No	Ring & Cover	Dimensions				Pkg	Min Qty	Case Qty
			A	B	C	D			
ROUGH-IN CLEANOUT									
834-3PF	834-3AF	(Coring plug)	3" x 4"	—	—	5½"-6½"	B*	1	10
834-4PF	834-4AF	(Coring plug)	4"	—	—	5½"-6¾"	B*	1	10
FINISH FIXTURE									
834-4HNR	—	Round ni-brnz	—	6½"	—	—	B*	1	10
834-4HNQ	—	Square ni-brnz	—	6½"	—	—	B*	1	10
834-4HTR	—	Round tenz	—	6½"	—	—	B*	1	1
834-4HSR	—	Round 304 SS	—	6½"	—	—	B*	1	1
834-4HSQ	—	Square 304 SS	—	6½"	—	—	B*	1	1
COMPLETE ASSEMBLY									
834-3PNR	834-3ANR	Round ni-brnz	3" x 4"	6½"	0-1¼"	5¼"-6½"	B*	1	1
834-3PNQ	834-3ANQ	Square ni-brnz	3" x 4"	6½"	5/16"-1¼"	5¼"-6½"	B*	1	1
834-3PSR	834-3ASR	Round 304 SS	3" x 4"	6½"	0-1¼"	5¼"-6½"	B*	1	1
834-3PSQ	834-3ASQ	Square 304 SS	3" x 4"	6½"	5/16"-1¼"	5¼"-6½"	B*	1	1
834-3PTR	834-3ATR	Round tenz	3" x 4"	6½"	0-1¼"	5¼"-6½"	B*	1	1
834-4PNR	834-4ANR	Round ni-brnz	4"	6½"	0-1¼"	5½"-6¾"	B*	1	1
834-4PNQ	834-4ANQ	Square ni-brnz	4"	6½"	5/16"-1¼"	5½"-6¾"	B*	1	1
834-4PSR	834-4ASR	Round 304 SS	4"	6½"	0-1¼"	5½"-6¾"	B*	1	1
834-4PSQ	834-4ASQ	Square 304 SS	4"	6½"	5/16"-1¼"	5½"-6¾"	B*	1	1
834-4PTR	834-4ATR	Round tenz	4"	6½"	0-1¼"	5½"-6¾"	B*	1	1
ACCESSORIES									
832-S4	—	Two adjustment shims, two ¾" screws	—	—	—	—	B*	1	10
832-EX4	—	Ductile iron extension nipple - 2" min - 4" max	—	—	—	—	B*	1	1
832-W	—	Flexible red locating bristles with screw	—	—	—	—	B*	1	10

Finish Line™

Adjustable Cleanout

Stainless Steel No-Hub Connection

- Adjustable AFTER the pour
- 304 stainless steel base adapter with 3½" polopro cleanout plug, stainless steel coring sleeve, head adapter and poly coring plug
- Stainless steel material is suitable for use in commercial/restaurant kitchens, health care facilities or food processing plants
- Other typical applications include breweries, chemical/textile plants, dairies or laboratories
- Medium-duty stainless steel covers



834-4SSR



Rough-in Cleanout
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and cover



Complete Assembly
Includes rough-in cleanout and boxed finish fixture

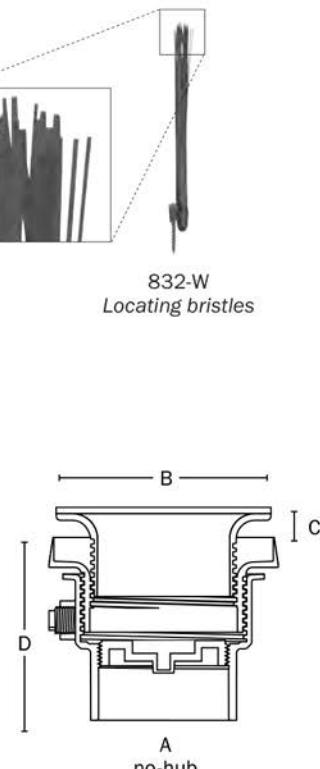


832-S4

[CLICK FOR SUBMITTAL](#)

Options: Add letter suffix. Add price to list.
V Vandal-resistant screws

Item No	Ring & Cover	Dimensions				Pkg	Min Qty	Case Qty
		A	B	C	D			
ROUGH-IN CLEANOUT								
834-3SF	(Coring plug)	3"	—	—	5¼"-6½"	B*	1	1
834-4SF	(Coring plug)	4"	—	—	5½"-6¾"	B*	1	1
FINISH FIXTURE								
834-4SHSR	Round 304 SS	—	6½"	—	—	B*	1	1
834-4SHSQ	Square 304 SS	—	6½"	—	—	B*	1	1
COMPLETE ASSEMBLY								
834-3SSR	Round 304 SS	3"	6½"	0-1¼"	5¼"-6½"	B*	1	1
834-3SSQ	Square 304 SS	3"	6½"	5/16"-1¼"	5¼"-6½"	B*	1	1
834-4SSR	Round 304 SS	4"	6½"	0-1¼"	5½"-6¾"	B*	1	1
834-4SSQ	Square 304 SS	4"	6½"	5/16"-1¼"	5½"-6¾"	B*	1	1
ACCESSORIES								
832-S4	Two adjustment shims, two ¾" screws				B*	1	10	
832-W	Flexible red locating bristles with screw				B*	1	10	





852-4PNR

Adjustable Cleanout Solvent Weld Connection

Nickel Bronze, Stainless Steel or Ductile Iron
Ring and Cover

- Includes 3½" polypro cleanout plug situated in base adapter
- Nickel bronze, stainless steel and tenzalloy
covers for use in pedestrian areas
- Ductile iron covers for use in heavy-duty applications



852-4PNQ



852-4Pi

Options: Add letter suffix. Add price to list.

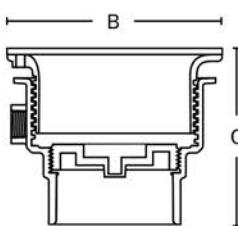
V Vandal-resistant screws
S Stamping: specify letters ¹
C Carpet marker
Z Complies with Buy American Act ²
Y Ductile iron head adapter in place of ABS

¹ Not available on ductile iron covers.

² Only available on cleanouts with round nickel covers.

CLICK FOR SUBMITTAL

PVC Item No	ABS Item No	Ring & Cover	Dimensions			Pkg	Min Qty	Case Qty
			A	B	C			
ROUND PATTERN RING AND COVER								
852-3PNR	852-3ANR	Ni-brnz	3" hub	6½"	5⅛"-6⅓"	B*	1	5
852-4PNR	852-4ANR	Ni-brnz	4" hub	6½"	5⅜"-6½"	B*	1	10
852-3PSR	852-3ASR	304 SS	3" hub	6½"	5⅛"-6⅓"	B*	1	5
852-4PSR	852-4ASR	304 SS	4" hub	6½"	5⅜"-6½"	B*	1	10
852-3Pi	852-3Ai	Iron	3" hub	6½"	5⅛"-6⅓"	B*	1	2
852-4Pi	852-4Ai	Iron	4" hub	6½"	5⅜"-6½"	B*	1	2
852-3PTR	852-3ATR	Tenz	3" hub	6½"	5⅛"-6⅓"	B*	1	5
852-4PTR	852-4ATR	Tenz	4" hub	6½"	5⅜"-6½"	B*	1	10
SQUARE PATTERN RING AND COVER								
852-3PNQ	852-3ANQ	Ni-brnz	3" hub	6⅝"	5⅛"-6⅓"	B*	1	2
852-4PNQ	852-4ANQ	Ni-brnz	4" hub	6⅝"	5⅜"-6½"	B*	1	2
852-3PSQ	852-3ASQ	304 SS	3" hub	6⅝"	5⅛"-6⅓"	B*	1	2
852-4PSQ	852-4ASQ	304 SS	4" hub	6⅝"	5⅜"-6½"	B*	1	2



Sch. 40 hub

Adjustable Cleanout ABS MIP Thread

Nickel Bronze, Stainless Steel or Cast Iron Ring and Cover

- Nickel bronze, stainless steel, tenzalloy and ABS covers for use in pedestrian areas
- Cast iron covers for use in heavy-duty applications
- Slotted polypro cleanout plug included

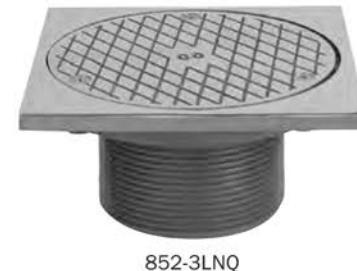
Options: Add letter suffix. Add price to list.

V Vandal-resistant screws

S Stamping: specify letters ¹

¹ Not available on cast iron covers.

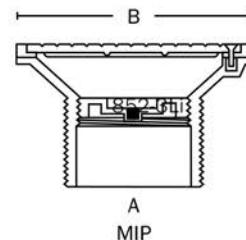
Item No	Ring & Cover	Dimensions			Pkg	Min Qty	Case Qty
		A	B	Plug			
ROUND PATTERN RING & COVER							
852-2LNR	Ni-brnz	2" MIP	4½"	1½"	B*	1	10
852-3LNR	Ni-brnz	3" MIP	5½"	2½"	B*	1	10
852-4LNR	Ni-brnz	4" MIP	6½"	3½"	B*	1	10
852-4LNRPK	Ni-brnz	4" MIP	6½"	3½"	C*	5	5
852-3LSR	304 SS	3" MIP	5½"	2½"	B*	1	10
852-4LSR	304 SS	4" MIP	6½"	3½"	B*	1	10
852-3Li	Iron	3" MIP	6½"	2½"	B*	1	2
852-4Li	Iron	4" MIP	6½"	3½"	B*	1	2
852-3LTR	Tenz	3" MIP	5½"	2½"	B*	1	10
852-4LTR	Tenz	4" MIP	6½"	3½"	B*	1	10
852-3LP	ABS	3" MIP	5½"	2½"	B*	1	10
852-4LP	ABS	4" MIP	6½"	3½"	B*	1	10
SQUARE PATTERN RING & COVER							
852-3LNQ	Ni-brnz	3" MIP	5½"	2½"	B*	1	5
852-4LNQ	Ni-brnz	4" MIP	7"	3½"	B*	1	1
852-3LSQ	304 SS	3" MIP	5½"	2½"	B*	1	5
852-4LSQ	304 SS	4" MIP	7"	3½"	B*	1	1



852-3LNQ



852-3Li



A

MIP

Adjustable Cleanout Cast Iron MIP Thread

Nickel Bronze or Cast Iron Ring and Cover

- Nickel bronze covers for use in pedestrian areas
- Cast iron covers for use in heavy-duty applications
- Slotted polypro cleanout plug included

[CLICK FOR SUBMITTAL](#)

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws

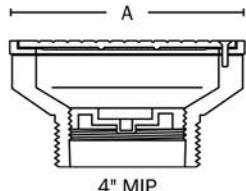
S Stamping: specify letters ¹

¹ Not available on cast iron covers.

Item No	Dimensions		Pkg	Min Qty	Case Qty
	A	B			
ROUND NICKEL BRONZE RING AND COVER					
852-4iLNR	6½"	2¾"	B*	1	2
SQUARE NICKEL BRONZE RING AND COVER					
852-4iLNQ	7"	2¾"	B*	1	2
CAST IRON RING AND COVER					
852-4iLi	6½"	3⅛"	B*	1	2



852-4iLNR



4" MIP



822-C3DSR

CLICK FOR SUBMITTAL

Halo™ Cleanout

Adjustable Cleanout with Deck Flange Ductile Iron No-Hub Connection

- 3" no-hub connection
- Head adjusts up to $\frac{3}{4}$ " above flush to accommodate most flooring types
- Finish Line™ models are adjustable AFTER the pour
- Stainless steel deck flange and T-cone style cleanout plug
- Installs easily in cored concrete floors or corrugated decks



822-CF3DNQ

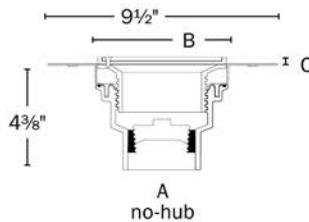
CLICK FOR SUBMITTAL



832-S3



822-EX3

**Options:** Add letter suffix. Add price to list.

V Vandal-resistant screws
S Stamping: specify letters
C Carpet marker
Z Complies with Buy American Act ¹

¹ Only available for round nickel bronze ring and strainer.

Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
HALO CLEANOUT							
822-C3DNR	Round nickel bronze	3"	5 1/2"	0"-3/4"	B*	1	4
822-C3DSR	Round 304 stainless	3"	5 1/2"	0"-3/4"	B*	1	4
822-C3DNQ	Square nickel bronze	3"	5 7/8"	5/16"-3/4"	B*	1	4
822-C3DSQ	Square 304 stainless	3"	5 7/8"	5/16"-3/4"	B*	1	4
FINISH LINE HALO ROUGH-IN CLEANOUT							
822-C3DF	(Coring plug)	3"	8 1/4"	1"	B*	1	1
FINISH LINE HALO FINISH FIXTURE							
834-3DHNR	Round nickel bronze	—	5 1/2"	—	B*	1	1
834-3DHSR	Round 304 stainless	—	5 1/2"	—	B*	1	1
834-3DHNQ	Square nickel bronze	—	5 7/8"	—	B*	1	1
834-3DHSQ	Square 304 stainless	—	5 7/8"	—	B*	1	1
FINISH LINE HALO COMPLETE ASSEMBLY							
822-CF3DNR	Round nickel bronze	3"	5 1/2"	1"-2"	B*	1	1
822-CF3DSR	Round 304 stainless	3"	5 1/2"	1"-2"	B*	1	1
822-CF3DNQ	Square nickel bronze	3"	5 7/8"	1 5/16"-2"	B*	1	1
822-CF3DSQ	Square 304 stainless	3"	5 7/8"	1 5/16"-2"	B*	1	1
ACCESSORIES							
832-S3	Shim kit for Finish Line Halo: two shims, two 3/4" screws		B*	1	10		
822-EX3	Ductile iron extension nipple fits under Halo head or Finish Line coring sleeve		B*	1	1		
832-W	Flexible red locating bristles with screw		B	1	10		

Halo™ Cleanout

Adjustable Cleanout with Deck Flange

Sch. 40 Connection

- 3" hub or inside 4" connections available
- Head adjusts up to $\frac{3}{4}$ " above flush to accommodate most flooring types
- Finish Line™ models are adjustable AFTER the pour
- Stainless steel deck flange and T-cone style cleanout plug
- Installs easily in cored concrete floors or corrugated decks

Halo Cleanout



822-C3PNQ

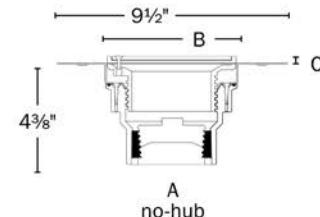
Finish Line Halo

[CLICK FOR SUBMITTAL](#)


822-CF3PSR

[CLICK FOR SUBMITTAL](#)
Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
 S Stamping: specify letters
 C Carpet marker
 Z Complies with Buy American Act ¹

¹ Only available for round nickel bronze ring and strainer.


832-S3



822-EX3

PVC Item No	ABS Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
			A	B	C			
HALO CLEANOUT								
822-C3PNR	822-C3ANR	Round nickel bronze	3" hub	5 1/2"	0"-3/4"	B*	1	1
822-C3PSR	822-C3ASR	Round 304 stainless	3" hub	5 1/2"	0"-3/4"	B*	1	4
822-C3PNQ	822-C3ANQ	Square nickel bronze	3" hub	5 7/8"	5/16"-3/4"	B*	1	1
822-C3PSQ	822-C3ASQ	Square 304 stainless	3" hub	5 7/8"	5/16"-3/4"	B*	1	4
822-C4PNR	822-C4ANR	Round nickel bronze	inside 4"	5 1/2"	0"-3/4"	B*	1	1
822-C4PSR	822-C4ASR	Round 304 stainless	inside 4"	5 1/2"	0"-3/4"	B*	1	4
822-C4PNQ	822-C4ANQ	Square nickel bronze	inside 4"	5 7/8"	5/16"-3/4"	B*	1	4
822-C4PSQ	822-C4ASQ	Square 304 stainless	inside 4"	5 7/8"	5/16"-3/4"	B*	1	4
FINISH LINE HALO ROUGH-IN CLEANOUT								
822-C3PF	822-C3AF	(Coring plug)	3" hub	8 1/4"	1"	B*	1	4
822-C4PF	822-C4AF	(Coring plug)	inside 4"	8 1/4"	1"	B*	1	4
FINISH LINE HALO FINISH FIXTURE								
834-3HNR		Round nickel bronze	—	5 1/2"	—	B*	1	1
834-3HSR		Round 304 stainless	—	5 1/2"	—	B*	1	1
834-3HNQ		Square nickel bronze	—	5 7/8"	—	B*	1	1
834-3HSQ		Square 304 stainless	—	5 7/8"	—	B*	1	1
FINISH LINE HALO COMPLETE ASSEMBLY								
822-CF3PNR	822-CF3ANR	Round nickel bronze	3" hub	5 1/2"	1"-2"	B*	1	1
822-CF3PSR	822-CF3ASR	Round 304 stainless	3" hub	5 1/2"	1"-2"	B*	1	1
822-CF3PNQ	822-CF3ANQ	Square nickel bronze	3" hub	5 7/8"	1 5/16"-2"	B*	1	1
822-CF3PSQ	822-CF3ASQ	Square 304 stainless	3" hub	5 7/8"	1 5/16"-2"	B*	1	1
822-CF4PNR	822-CF4ANR	Round nickel bronze	inside 4"	5 1/2"	1"-2"	B*	1	1
822-CF4PSR	822-CF4ASR	Round 304 stainless	inside 4"	5 1/2"	1"-2"	B*	1	1
822-CF4PNQ	822-CF4ANQ	Square nickel bronze	inside 4"	5 7/8"	1 5/16"-2"	B*	1	1
822-CF4PSQ	822-CF4ASQ	Square 304 stainless	inside 4"	5 7/8"	1 5/16"-2"	B*	1	1
ACCESSORIES								
832-S3	—	Shim kit for Finish Line Halo: two shims, two 3/4" screws		B*	1	10		
822-EX3	—	Ductile iron extension nipple fits under Halo head or Finish Line coring sleeve		B*	1	1		
832-W	—	Flexible red locating bristles with screw		B	1	10		



851-44N



851-44i

Adjustable Cleanout Solvent Weld Connection

Nickel Bronze, Cast Iron or Tenzalloy Cover

- Polypro plug included with threaded brass insert for cover screw
- Over 1½" of vertical adjustment available
- Nickel bronze and tenzalloy covers for use in pedestrian traffic areas
- Cast iron covers for use in heavy-duty applications, also available with nickel bronze veneer

[CLICK FOR SUBMITTAL](#)

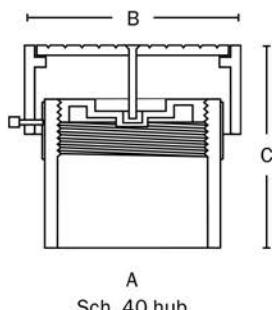
Options: Add letter suffix. Add price to list.

V Vandal-resistant screws

S Stamping: specify letters ¹

C Carpet marker ¹

¹ Not available on cast iron covers.



A
Sch. 40 hub

PVC Item No	ABS Item No	Dimensions				Pkg	Min Qty	Case Qty
		A	B	C	Plug			
NICKEL BRONZE COVER								
851-43N	851-33N	3"	4⅜"	3½"-4½"	3"	B*	1	2
851-44N	851-34N	4"	6"	3¾"-4¾"	4"	B*	1	2
851-46N	851-36N	6"	8⅜"	5½"-6¾"	6"	B*	1	2
TENZALLOY COVER								
851-43T	851-33T	3"	4⅜"	3½"-4½"	3"	B*	1	2
851-44T	851-34T	4"	6"	3¾"-4¾"	4"	B*	1	2
851-46T	851-36T	6"	8⅜"	5½"-6¾"	6"	B*	1	2
CAST IRON COVER								
851-44i	851-34i	4"	6"	4½"-6¼"	4"	B*	1	2
851-46i	851-36i	6"	8½"	6"-7¾"	6"	B*	1	2
NICKEL BRONZE LAMINATED CAST IRON COVER								
851-44iN	851-34iN	4"	6"	4¾"-6½"	4"	B*	1	2
851-46iN	851-36iN	6"	8½"	6¼"-8"	6"	B*	1	2

Adjustable Cleanout

Cast Iron No-Hub Connection

Nickel bronze, Cast Iron or Tenzalloy Cover

- Polypro plug included with threaded brass insert for cover screw
- Over 1½" of vertical adjustment available
- Nickel bronze and tenzalloy covers for use in pedestrian traffic areas
- Cast iron covers for use in heavy-duty applications and also available with nickel bronze veneer

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
S Stamping: specify letters ¹
C Carpet marker ¹

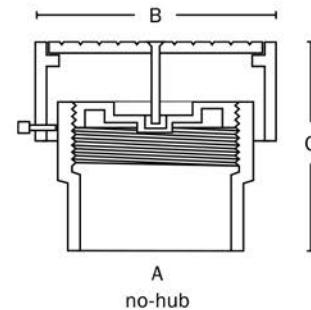
[CLICK FOR SUBMITTAL](#)



851-24i

¹ Not available on cast iron covers.

Item No	Dimensions				Pkg	Min Qty	Case Qty
	A	B	C	Plug			
NICKEL BRONZE COVER							
851-24N	4"	6"	3 1/4"-4 1/2"	4"	B*	1	2
TENZALLOY COVER							
851-24T	4"	6"	3 1/4"-4 1/2"	4"	B*	1	2
CAST IRON COVER							
851-24i	4"	6"	3 3/4"-5 3/4"	4"	B*	1	2
NICKEL BRONZE LAMINATED CAST IRON COVER							
851-24iN	4"	7 1/8"	4"-6"	4"	B*	1	2



Adjustable Cleanout

Cast Iron Push-Joint Connection

Nickel Bronze, Cast Iron or Tenzalloy Cover

- Polypro plug included with threaded brass insert for cover screw
- Over 1½" of vertical adjustment available
- Nickel bronze and tenzalloy covers for use in pedestrian traffic areas. Cast iron covers for use in heavy-duty applications. Also available with nickel bronze veneer

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
S Stamping: specify letters ¹
C Carpet marker ¹
P Push-joint gasket to fit Sch. 40 ABS/PVC pipe ²

[CLICK FOR SUBMITTAL](#)

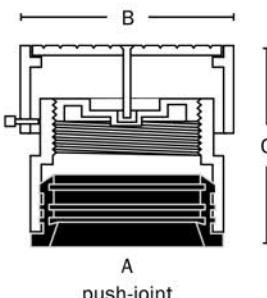


851-64N

¹ Not available on cast iron covers.

² Only available for 4" cleanouts.

Item No	Dimensions				Pkg	Min Qty	Case Qty
	A	B	C	Plug			
NICKEL BRONZE COVER							
851-64N	4"	6"	4"-5 1/4"	4"	B*	1	2
TENZALLOY COVER							
851-64T	4"	6"	4"-5 1/4"	4"	B*	1	2
CAST IRON COVER							
851-64i	4"	6"	5 1/4"- 6 1/2"	4"	B*	1	2
851-66i	6"	8 1/8"	4 3/4"-6"	6"	B*	1	2
NICKEL BRONZE COVER							
851-66N	6"	8 1/8"	4 3/4"-6"	6"	B*	1	2
TENZALLOY COVER							
851-66T	6"	8 1/8"	4 3/4"-6"	6"	B*	1	2
CAST IRON COVER							
851-64i	4"	6"	5 1/4"- 6 1/2"	4"	B*	1	2
851-66i	6"	8 1/8"	4 3/4"-6"	6"	B*	1	2





850-4N

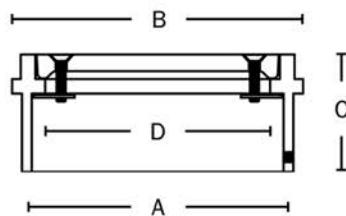


850-4i



850-234N

CLICK FOR SUBMITTAL



Adjustable Access Cover Set Screw Connection

Nickel Bronze, Cast Iron or Tenzalloy Cover

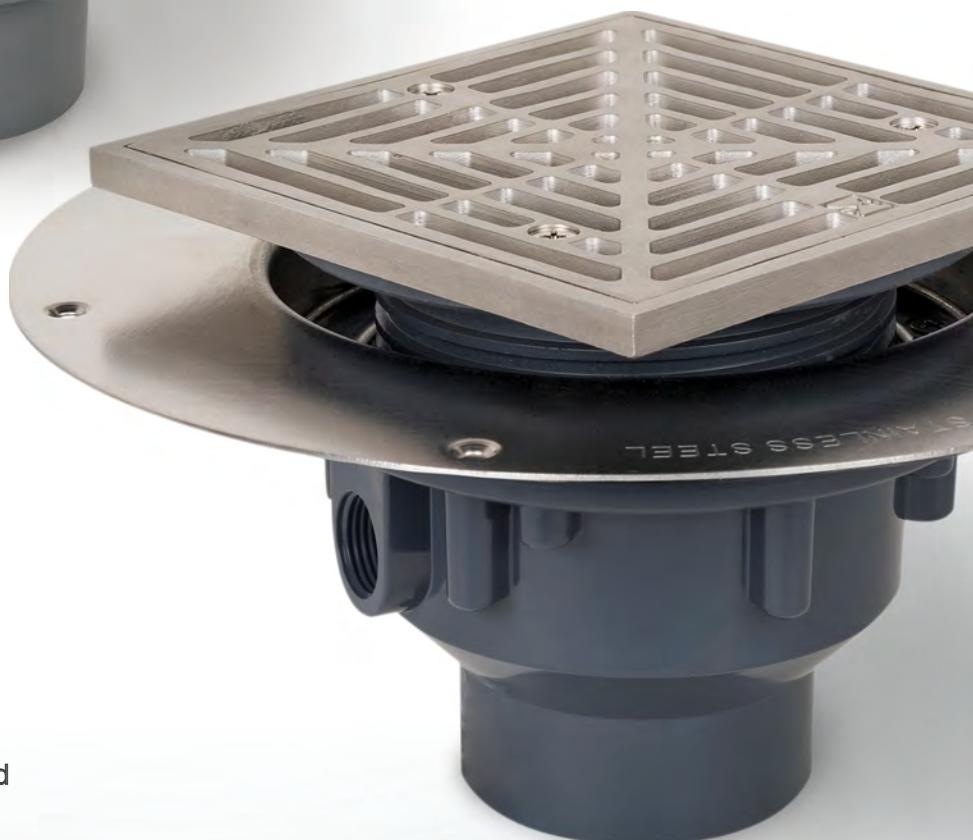
- Set screw allows up to 1½" of vertical adjustment over pipe or fitting
- 850-234N model fits over 2", 3" or 4" pipe and 2" or 3" FIP adapters
- Nickel bronze and tenzalloy covers for use in pedestrian traffic areas
- Cast iron covers for use in heavy-duty applications and also available with nickel bronze veneer

Options: Add letter suffix. Add price to list.**V** Vandal-resistant screws**S** Stamping: specify letters ¹¹ Not available on cast iron covers.

Item No	Dimensions				Pkg	Min Qty	Case Qty
	A	B	C	D			
NICKEL BRONZE COVER							
850-2N	5½"	6½"	2⅓"	5¼"	B*	1	6
850-3N	6⅝"	7⅛"	2⅓"	5⅓"	B*	1	6
850-4N	8⅝"	9⅛"	2⅓"	7¼"	B*	1	6
850-234N	5½"	5½"	2 ¹³ / ₁₆ "	4"	B*	1	10
TENZALLOY COVER							
850-2T	5⅜"	6½"	2⅓"	5 ⁵ / ₁₆ "	B*	1	6
850-3T	6⅝"	7⅛"	2⅓"	5 ⁹ / ₁₆ "	B*	1	6
850-4T	8⅝"	9⅛"	2⅓"	7¼"	B*	1	6
CAST IRON COVER							
850-2i	5½"	6"	3"	4½"	B*	1	6
850-3i	6⅝"	7⅛"	3"	5 ⁵ / ₈ "	B*	1	4
850-4i	8"	8½"	3"	7⅛"	B*	1	2
NICKEL BRONZE LAMINATED CAST IRON COVER							
850-2iN	5½"	6"	3¼"	4½"	B*	1	6
850-3iN	6⅝"	7⅛"	3¼"	5 ⁵ / ₈ "	B*	1	4
850-4iN	8"	8½"	3¼"	7⅛"	B*	1	2

Halo™

» Adjustable Drain/Cleanout with Deck Flange



Unique

Stainless steel mounting flange. Adjustable head accommodates most flooring types. FinishLine option allows adjustment after the concrete pour

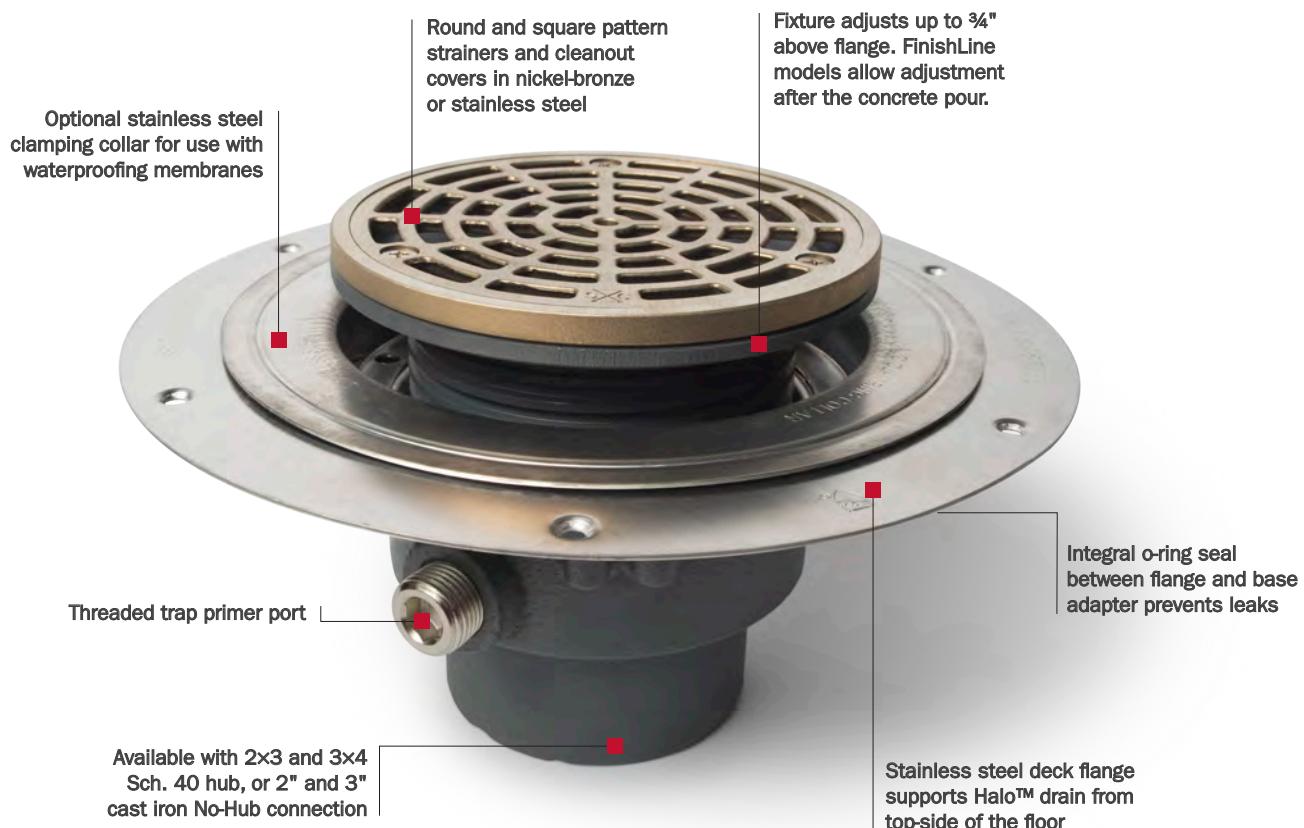
Versatile

Floor drain and cleanout models available. Suitable for residential or commercial applications

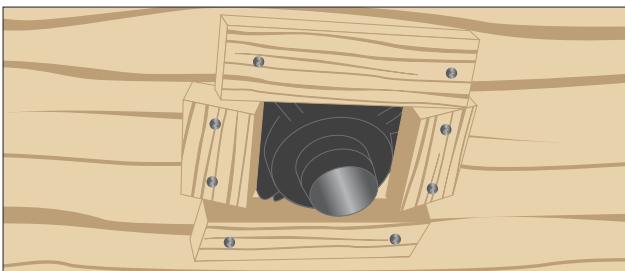
Practical

Great for laundry/mechanical rooms, loft remodels, multifamily projects, etc. Use in wood/corrugated decks or cored concrete floors

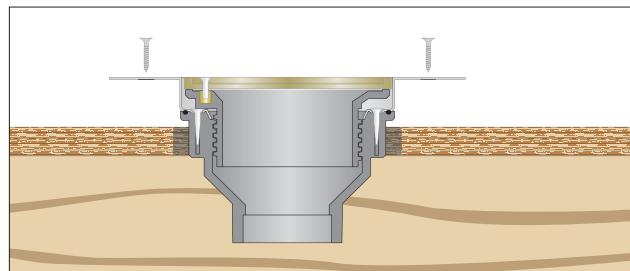
Features & Benefits



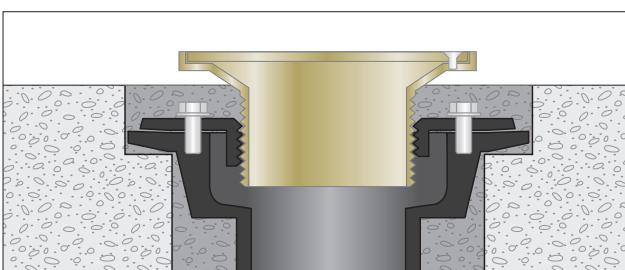
Installs Easier than Existing Methods



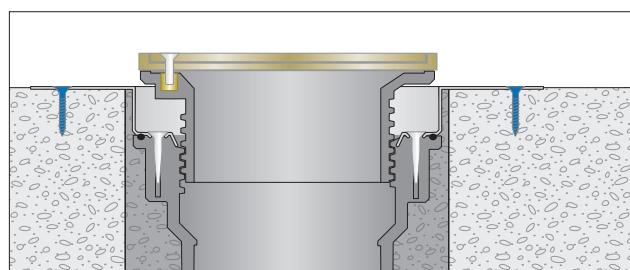
Blocking up a standard drain (with wood or strut) from under the floor is difficult and time consuming.



The Halo installs easily from the top side of the floor. Cut a 6" hole and secure with screws or nails.

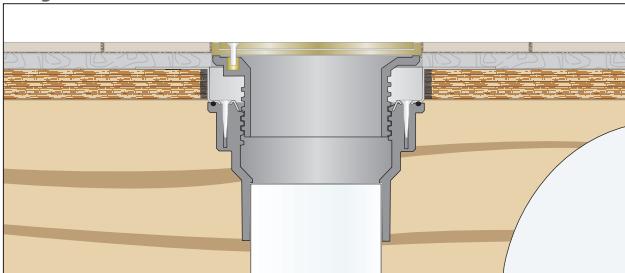


Standard drains require a more costly double-core in concrete slabs.

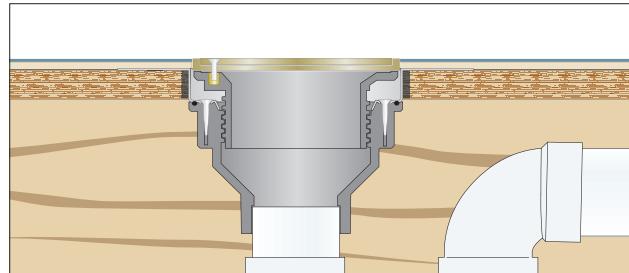


The Halo installs in a 6" cored (single) hole.

Adjustable to Finish Floor Level

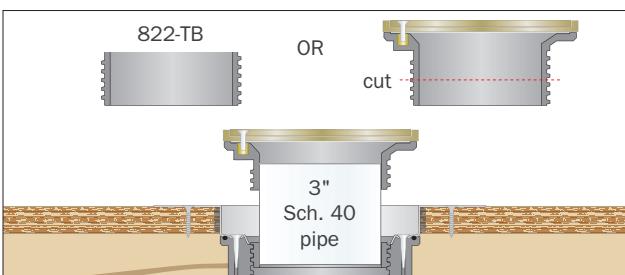


Head adjusts up to 3/4" for thicker flooring.
Most 3" traps will fit in a 12" joist cavity.

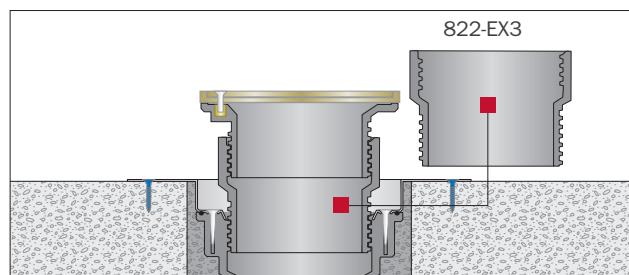


Minimal adjustment needed for thin flooring.
Most 2" traps will fit in a 10" joist cavity.

Extend the Head Adapter for Deeper Slab Pours

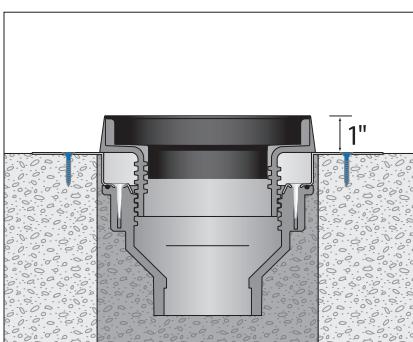


Using Pipe: Use the 822-TB or cut the head adapter across the threads. Glue a measured length of 3" Sch. 40 pipe between the two parts with solvent cement.

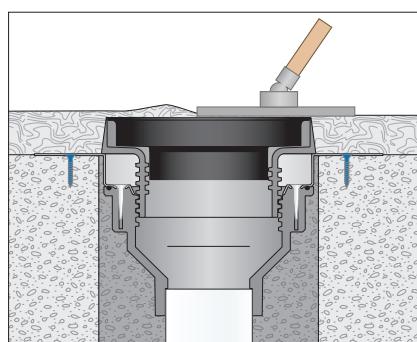


Extension Adapter: The 822-EX3 extension adapter installs between the Halo base and the head adapter. Stack multiple adapters if needed.

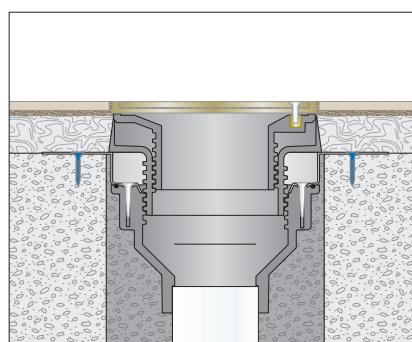
The FinishLine Option for Secondary Slab Pours



The FinishLine option allows adjustment after the pour. Set the Halo in place and the FinishLine plug/sleeve assembly sets 1" above the deck.



Finish secondary slab flush with the top surface of plug/sleeve assembly.



Remove the Coring Plug and replace with the Finish Fixture. The Finish Fixture can be adjusted up to another 1" after the secondary pour.

Halo™ Drains

Sch. 40 Hub Connection

- ABS or PVC connection. Outlet welds over 2" and inside 3" or over 3" and inside 4"
- Nickel-bronze or stainless steel ring and strainer – round or square pattern
- Integral trap primer port – drill/knockout to open. $\frac{1}{2}$ " FIP thread



“Eric told us about the Halo drains he had learned about on his Sioux Chief plant tour, and they ended up being perfect for the job. We were able to core drill a smaller hole, drop in and fasten, then adjust the strainer. It saved us a considerable amount of time, not to mention a lot of headaches.”

Brigham Wachal
Midwestern Mechanical

Cast Iron No-Hub Connection

- Epoxy-coated ductile iron base adapter and head. 2" or 3" no-hub connection
- Nickel-bronze or stainless steel ring and strainer – round or square pattern
- Tapped/plugged trap primer port. $\frac{1}{2}$ " FIP thread



Halo™ Cleanouts

Sch. 40 Hub Connection

- ABS or PVC connection. Outlet welds over 2" and inside 3" or over 3" and inside 4"
- Nickel-bronze or stainless steel ring and cleanout cover – round or square pattern
- Includes expandable/mechanical test plug to seal out sewer gases



Cast Iron No-Hub Connection

- Epoxy-coated ductile iron base adapter and head. 2" or 3" no-hub connection
- Nickel-bronze or stainless steel ring and cleanout cover – round or square pattern
- Includes expandable/mechanical test plug to seal out sewer gases



**Note: Submittal Links for Halo Drains
can be found on pages 327 & 328**



822-F3DSR



822-2PNQ

» Drain Buying Information

PVC ITEM #	ABS ITEM #	CAST IRON ITEM #	RING & STRAINER	SCH. 40 CONNECTION	NO-HUB CONNECTION	PKG	MIN QTY	CASE QTY
Halo Drain								
822-2PNR	822-2ANR	822-2DNR	Round Nickel Bronze	2"×3"	2"	B	1	4
822-2PSR	822-2ASR	822-2DSR	Round 304 Stainless	2"×3"	2"	B	1	4
822-2PS	822-2PAS	-	Round 18-ga. Stainless	2"×3"	-	B	1	4
822-2PNQ	822-2ANQ	822-2DNQ	Square Nickel Bronze	2"×3"	2"	B	1	4
822-2PSQ	822-2ASQ	822-2DSQ	Square 304 Stainless	2"×3"	2"	B	1	4
822-3PNR	822-3ANR	822-3DNR	Round Nickel Bronze	3"×4"	3"	B	1	4
822-3PSR	822-3ASR	822-3DSR	Round 304 Stainless	3"×4"	3"	B	1	4
822-3PS	822-3AS	-	Round 18-ga. Stainless	3"×4"	-	B	1	4
822-3PNQ	822-3ANQ	822-3DNQ	Square Nickel Bronze	3"×4"	3"	B	1	4
822-3PSQ	822-3ASQ	822-3DSQ	Square 304 Stainless	3"×4"	3"	B	1	4
FinishLine Halo Rough-In Drain								
822-2PF	822-2AF	822-2DF	Coring Plug	2"×3"	2"	B	1	1
822-3PF	822-3AF	822-3DF	Coring Plug	3"×4"	3"	B	1	1
FinishLine Halo Finish Fixture								
832-3HNR	832-3DHNR	Round Nickel Bronze	-	-	B	1	10†	
832-3HSR	832-3DHSR	Round 304 Stainless	-	-	B	1	1	
832-3HNQ	832-3DHNQ	Square Nickel Bronze	-	-	B	1	10†	
832-3HSQ	832-3DHSQ	Square 304 Stainless	-	-	B	1	1	
FinishLine Halo Complete Assembly								
822-F2PNR	822-F2ANR	822-F2DNR	Round Nickel Bronze	2"×3"	2"	B*	1	1
822-F2PSR	822-F2ASR	822-F2DSR	Round 304 Stainless	2"×3"	2"	B*	1	1
822-F2PNQ	822-F2ANQ	822-F2DNQ	Square Nickel Bronze	2"×3"	2"	B*	1	1
822-F2PSQ	822-F2ASQ	822-F2DSQ	Square 304 Stainless	2"×3"	2"	B*	1	1
822-F3PNR	822-F3ANR	822-F3DNR	Round Nickel Bronze	3"×4"	3"	B*	1	1
822-F3PSR	822-F3ASR	822-F3DSR	Round 304 Stainless	3"×4"	3"	B*	1	1
822-F3PNQ	822-F3ANQ	822-F3DNQ	Square Nickel Bronze	3"×4"	3"	B*	1	1
822-F3PSQ	822-F3ASQ	822-F3DSQ	Square 304 Stainless	3"×4"	3"	B*	1	1
Accessories								
	832-S3		Shim Kit for FinishLine Halo: Two Shims, Two 3/4" Screws			B	1	10
	863-FA		Round Aluminum Condensate Funnel W/ Screws			B	1	5
	863-FN		Round Nickel Bronze Condensate Funnel W/ Screws			B	1	5
	822-EX3		Ductile Iron Extension Adapter: Fits between Halo head or FinishLine Coring Sleeve and Halo Drain Body			B	1	1
	822-TB		Thread Bushing for Halo Head			B	1	1
	832-EX3		Ductile Iron Extension Adapter: Fits between FinishLine head and Coring Sleeve			B	1	1

†Cast Iron case qty: 1

PACKAGING:

B = Bulk

* Individually Bar-Coded

Options: Add letter suffix.

V Vandal-resistant screws

B Complies with Buy American Act¹

E Extended Ring¹

9 90° side outlet connection²

Options: Add letter **after dash** in item number.

M Clamping collar kit

¹Only available for round nickel bronze ring and strainer

²Only available for cast iron drain

Finish Line™

Adjustable Floor Drain
Ductile Iron No-Hub Connection

- Adjustable AFTER the pour
- Ductile iron base adapter, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian areas
- Ductile iron strainers for use in heavy-duty applications



832-4DNQ

Rough-in Drain
Base adapter, coring sleeve and coring plugFinish Fixture
Head adapter, ring and strainerComplete Assembly
Includes rough-in drain and boxed finish fixture

CLICK FOR SUBMITTAL



832-UM



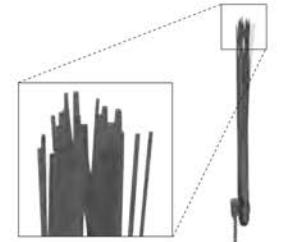
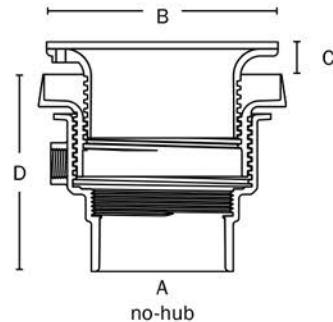
832-EX4

Option H
Hinged Strainer

832-S4



832-4HHD

832-W
Locating bristlesA
no-hub

¹ Only available for round nickel bronze ring and strainer.
² Available for round 304 SS ring & strainer.

Item No	Ring & Strainer	Dimensions				Pkg	Min Qty	Case Qty
		A	B	C	D			
ROUGH-IN DRAIN								
832-3DF	(Coring plug)	3"	—	—	5 1/4"-6 1/2"	B*	1	10
832-4DF	(Coring plug)	4"	—	—	5 1/2"-6 3/4"	B*	1	10
FINISH FIXTURE								
832-4DHiR	Round ductile	—	6 1/2"	—	—	B*	1	10
832-4DHNR	Round ni-brnz	—	6 1/2"	—	—	B*	1	10
832-4DHNQ	Square ni-brnz	—	7"	—	—	B*	1	10
832-4DHSR	Round 304 SS	—	6 1/2"	—	—	B*	1	1
832-4DHSQ	Square 304 SS	—	7"	—	—	B*	1	1
COMPLETE ASSEMBLY								
832-3DiR	Round ductile	3"	6 1/2"	0"-1 1/4"	5 1/4"-6 1/2"	B*	1	1
832-3DNR	Round ni-brnz	3"	6 1/2"	0"-1 1/4"	5 1/4"-6 1/2"	B*	1	1
832-3DNQ	Square ni-brnz	3"	7"	5/16"-1 1/4"	5 1/4"-6 1/2"	B*	1	1
832-3DSR	Round 304 SS	3"	6 1/2"	0"-1 1/4"	5 1/4"-6 1/2"	B*	1	1
832-3DSQ	Square 304 SS	3"	7"	5/16"-1 1/4"	5 1/4"-6 1/2"	B*	1	1
832-4DiR	Round ductile	4"	6 1/2"	0"-1 1/4"	5 1/2"-6 3/4"	B*	1	1
832-4DNR	Round ni-brnz	4"	6 1/2"	0"-1 1/4"	5 1/2"-6 3/4"	B*	1	1
832-4DNQ	Square ni-brnz	4"	7"	5/16"-1 1/4"	5 1/2"-6 3/4"	B*	1	1
832-4DSR	Round 304 SS	4"	6 1/2"	0"-1 1/4"	5 1/2"-6 3/4"	B*	1	1
832-4DSQ	Square 304 SS	4"	7"	5/16"-1 1/4"	5 1/2"-6 3/4"	B*	1	1
ACCESSORIES								
832-4HHD	Hub drain finish fixture, ABS/PVC				B*	1	10	
832-4DHHD	Hub drain finish fixture, iron				B*	1	1	
863-FA	Round aluminum condensate funnel with screws				B*	1	5	
863-FN	Round nickel bronze condensate funnel with screws				B*	1	5	
863-FNO	Oval nickel bronze condensate funnel with screws				B*	1	5	
832-S4	Two adjustment shims, two 3/4" screws				B*	1	10	
832-UM	4 1/4" stainless steel debris basket				B*	1	1	
832-EX4	Ductile iron extension nipple - 2" min - 4" max				B*	1	1	
832-W	Flexible red locating bristles with screw				B*	1	10	



832-35DNR



832-S3



863-FA

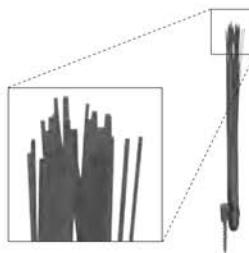
Finish Line™

Adjustable Floor Drain Ductile Iron No-Hub Connection

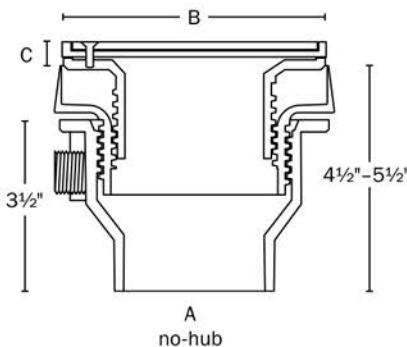
- Adjustable AFTER the pour
- Ductile iron base adapter, coring sleeve, head adapter and poly coring plug
- Nickel bronze or stainless steel strainer for use in pedestrian traffic areas

Rough-in Drain
Base adapter, coring sleeve and coring plugFinish Fixture
Head adapter, ring and strainerComplete Assembly
Includes rough-in drain and boxed finish fixture

CLICK FOR SUBMITTAL

832-W
Locating bristles

832-3HHD



Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
832-25DF	(Coring plug)	2"	—	—	B*	1	1
832-35DF	(Coring plug)	3"	—	—	B*	1	1
FINISH FIXTURE							
832-3DHNR	Round ni-brnz	—	5 1/2"	—	B*	1	1
832-3DHNQ	Square ni-brnz	—	5 7/8"	—	B*	1	1
832-3DHSR	Round 304 SS	—	5 1/2"	—	B*	1	1
832-3DHSQ	Square 304 SS	—	5 7/8"	—	B*	1	1
COMPLETE ASSEMBLY							
832-25DNR	Round ni-brnz	2"	5 1/2"	0-1"	B*	1	1
832-25DNQ	Square ni-brnz	2"	5 7/8"	5/16"-1"	B*	1	1
832-25DSR	Round 304 SS	2"	5 1/2"	0-1"	B*	1	1
832-25DSQ	Square 304 SS	2"	5 7/8"	5/16"-1"	B*	1	1
832-35DNR	Round ni-brnz	3"	5 1/2"	0-1"	B*	1	1
832-35DNQ	Square ni-brnz	3"	5 7/8"	5/16"-1"	B*	1	1
832-35DSR	Round 304 SS	3"	5 1/2"	0-1"	B*	1	1
832-35DSQ	Square 304 SS	3"	5 7/8"	5/16"-1"	B*	1	1
ACCESSORIES							
832-3HHD	Hub drain finish fixture ABS/PVC			B*	1	10	
863-FA	Round aluminum condensate funnel with screws			B*	1	5	
863-FN	Round nickel bronze condensate funnel with screws			B*	1	5	
863-FNO	Oval nickel bronze condensate funnel with screws			B*	1	5	
832-S3	Two adjustment shims, two 3/4" screws			B*	1	10	
832-W	Flexible red locating bristles with screw			B*	1	10	

Finish Line™

Adjustable Floor Drain Ductile Iron No-Hub Connection

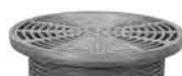
- Adjustable AFTER the pour
- For large capacity or high-flow applications such as outdoor terraces, walkways or patios
- Ductile iron base adapter, coring sleeve, head adapter and poly coring plug
- Nickel bronze or stainless steel strainers for use in pedestrian traffic areas



832-49DNR



Rough-in Drain
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and strainer

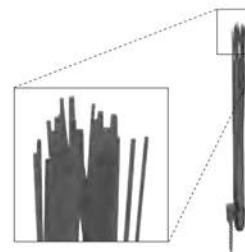


Complete Assembly
Includes rough-in drain and boxed finish fixture

[CLICK FOR SUBMITTAL](#)



863-FA

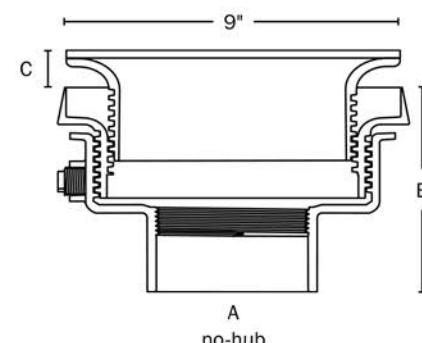
832-W
Locating bristles

Options: Add letter suffix. Add price to list.

Vandal-resistant screws

\$5.00

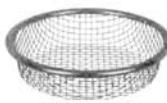
Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
832-49DF	(Coring plug)	4"	5 1/2"-7"	—	B*	1	1
832-6DF	(Coring plug)	6"	6 1/4"-7 3/4"	—	B*	1	1
FINISH FIXTURE							
832-6DHNR	Nickel bronze	—	—	—	B*	1	1
832-6DHSR	304 stainless steel	—	—	—	B*	1	1
COMPLETE ASSEMBLY							
832-49DNR	Nickel bronze	4"	5 1/2"-7"	0"-1 1/2"	B*	1	1
832-6DNR	Nickel bronze	6"	6 1/4"-7 3/4"	0"-1 1/2"	B*	1	1
832-49DSR	304 stainless steel	4"	5 1/2"-7"	0"-1 1/2"	B*	1	1
832-6DSR	304 stainless steel	6"	6 1/4"-7 3/4"	0"-1 1/2"	B*	1	1
ACCESSORIES							
863-FA	Round aluminum condensate funnel with screws			B*	1	5	
863-FN	Round nickel bronze condensate funnel with screws			B*	1	5	
863-FNO	Oval nickel bronze condensate funnel with screws			B*	1	5	
832-W	Flexible red locating bristles with screw			B*	1	10	





832-63DNR

CLICK FOR SUBMITTAL



832-UM



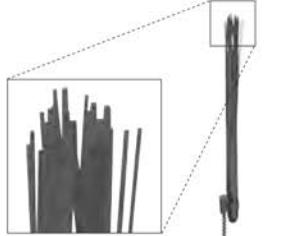
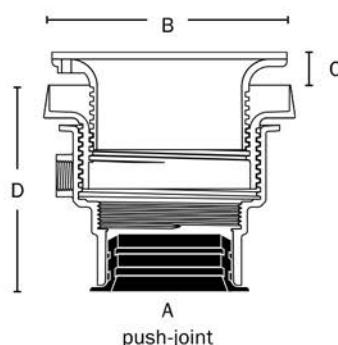
832-S4



832-EX4



832-4HHD

832-W
Locating bristles

Finish Line™

Adjustable Floor Drain Ductile Iron Push-Joint Connection

- Adjustable AFTER the pour
- Ductile iron base adapter, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian areas
- Ductile iron strainers for use in heavy-duty applications

Option E
Extended Ring**Options:** Add letter suffix. Add price to list.

V Vandal-resistant screws
H Hinged strainer (not available for ductile iron)
E Extended ring ¹
B Complies with Buy American Act ¹
P Push-joint gasket to fit Sch. 40 ABS/PVC pipe
M Medium-duty strainer (3,000 lbs. safe-load)²

¹ Only available for round nickel bronze ring and strainer.² Available for round 304 SS ring & strainer.

Item No	Ring & Strainer	Dimensions				Pkg	Min Qty	Case Qty
		A	B	C	D			
ROUGH-IN DRAIN								
832-63DF	(Coring plug)	3"	—	—	5 $\frac{5}{8}$ "-6 $\frac{1}{8}$ "	B*	1	1
832-64DF	(Coring plug)	4"	—	—	5 $\frac{7}{8}$ "-7 $\frac{1}{8}$ "	B*	1	1
FINISH FIXTURE								
832-4DHIR	Round ductile	—	6 $\frac{1}{2}$ "	—	—	B*	1	10
832-4DHNR	Round ni-brnz	—	6 $\frac{1}{2}$ "	—	—	B*	1	10
832-4DHNQ	Square ni-brnz	—	7"	—	—	B*	1	10
832-4DHSR	Round 304 SS	—	6 $\frac{1}{2}$ "	—	—	B*	1	1
832-4DHSQ	Square 304 SS	—	7"	—	—	B*	1	1
COMPLETE ASSEMBLY								
832-63DIR	Round ductile	3"	6 $\frac{1}{2}$ "	0"-1 $\frac{1}{4}$ "	5 $\frac{5}{8}$ "-6 $\frac{1}{8}$ "	B*	1	1
832-63DNR	Round ni-brnz	3"	6 $\frac{1}{2}$ "	0"-1 $\frac{1}{4}$ "	5 $\frac{5}{8}$ "-6 $\frac{1}{8}$ "	B*	1	1
832-63DNQ	Square ni-brnz	3"	7"	5 $\frac{1}{16}$ "-1 $\frac{1}{4}$ "	5 $\frac{5}{8}$ "-6 $\frac{1}{8}$ "	B*	1	1
832-63DSR	Round 304 SS	3"	6 $\frac{1}{2}$ "	0"-1 $\frac{1}{4}$ "	5 $\frac{5}{8}$ "-6 $\frac{1}{8}$ "	B*	1	1
832-63DSQ	Square 304 SS	3"	7"	5 $\frac{1}{16}$ "-1 $\frac{1}{4}$ "	5 $\frac{5}{8}$ "-6 $\frac{1}{8}$ "	B*	1	1
832-64DIR	Round ductile	4"	6 $\frac{1}{2}$ "	0"-1 $\frac{1}{4}$ "	5 $\frac{7}{8}$ "-7 $\frac{1}{8}$ "	B*	1	1
832-64DNR	Round ni-brnz	4"	6 $\frac{1}{2}$ "	0"-1 $\frac{1}{4}$ "	5 $\frac{7}{8}$ "-7 $\frac{1}{8}$ "	B*	1	1
832-64DNQ	Square ni-brnz	4"	7"	5 $\frac{1}{16}$ "-1 $\frac{1}{4}$ "	5 $\frac{7}{8}$ "-7 $\frac{1}{8}$ "	B*	1	1
832-64DSR	Round 304 SS	4"	6 $\frac{1}{2}$ "	0"-1 $\frac{1}{4}$ "	5 $\frac{7}{8}$ "-7 $\frac{1}{8}$ "	B*	1	1
832-64DSQ	Square 304 SS	4"	7"	5 $\frac{1}{16}$ "-1 $\frac{1}{4}$ "	5 $\frac{7}{8}$ "-7 $\frac{1}{8}$ "	B*	1	1
ACCESSORIES								
832-4HHD	Hub drain finish fixture, ABS/PVC					B*	1	10
832-4DHHD	Hub drain finish fixture, iron					B*	1	1
858-PG4	Push-joint gasket for 4" Sch. 40 pipe					B*	1	1
863-FA	Round aluminum condensate funnel with screws					B*	1	5
863-FN	Round nickel bronze condensate funnel with screws					B*	1	5
863-FNO	Oval nickel bronze condensate funnel with screws					B*	1	5
832-S4	Two adjustment shims, two 3/4" screws					B*	1	10
832-UM	4 $\frac{1}{4}$ " stainless steel debris basket					B*	1	1
832-EX4	Ductile iron extension nipple - 2" min - 4" max					B*	1	1
832-W	Flexible red locating bristles with screw					B*	1	10

Finish Line™

Adjustable Floor Drain

Stainless Steel No-Hub Connection

- Adjustable AFTER the pour
- 304 Stainless steel base adapter, coring sleeve, head adapter and poly coring plug
- Stainless steel material is suitable for use in commercial/restaurant kitchens, health care facilities or food processing plants
- Other typical applications include breweries, chemical/textile plants, dairies or laboratories
- Stainless steel strainers for use in pedestrian traffic areas



832-3SSR


Rough-in Drain
 Base adapter, coring sleeve and coring plug

Finish Fixture
 Head adapter, ring and strainer

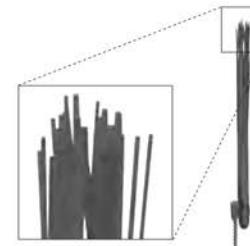
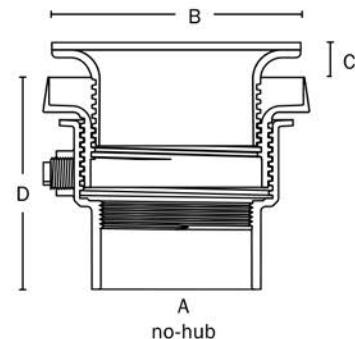
Complete Assembly
 Includes rough-in drain and boxed finish fixture

[CLICK FOR SUBMITTAL](#)


832-UM



863-FA

832-W
Locating bristles
Options: Add letter suffix. Add price to list.

V Vandal-resistant screws

H Hinged strainer

M Medium-duty strainer (3,000 lbs. safe-load)¹
¹ Not available for square ring & strainer

Item No	Ring & Strainer	Dimensions				Pkg	Min Qty	Case Qty
		A	B	C	D			
ROUGH-IN DRAIN								
832-3SF	(Coring plug)	3"	—	—	5 $\frac{1}{4}$ "-6 $\frac{1}{2}$ "	B*	1	1
832-4SF	(Coring plug)	4"	—	—	5 $\frac{1}{2}$ "-6 $\frac{3}{4}$ "	B*	1	1
FINISH FIXTURE								
832-4SHSR	Round 304 SS	—	6 $\frac{1}{2}$ "	—	—	B*	1	1
832-4SHSQ	Square 304 SS	—	7"	—	—	B*	1	1
NO-HUB COMPLETE ASSEMBLY								
832-3SSR	Round 304 SS	3"	6 $\frac{1}{2}$ "	0"-1 $\frac{1}{4}$ "	5 $\frac{1}{4}$ "-6 $\frac{1}{2}$ "	B*	1	1
832-3SSQ	Square 304 SS	3"	7"	5 $\frac{1}{16}$ "-1 $\frac{1}{4}$ "	5 $\frac{1}{4}$ "-6 $\frac{1}{2}$ "	B*	1	1
832-4SSR	Round 304 SS	4"	6 $\frac{1}{2}$ "	0"-1 $\frac{1}{4}$ "	5 $\frac{1}{2}$ "-6 $\frac{3}{4}$ "	B*	1	1
832-4SSQ	Square 304 SS	4"	7"	5 $\frac{1}{16}$ "-1 $\frac{1}{4}$ "	5 $\frac{1}{2}$ "-6 $\frac{3}{4}$ "	B*	1	1
ACCESSORIES								
863-FA	Round aluminum condensate funnel with screws				B*	1	5	
863-FN	Round nickel bronze condensate funnel with screws				B*	1	5	
863-FNO	Oval nickel bronze condensate funnel with screws				B*	1	5	
832-S4	Two adjustment shims, two $\frac{3}{4}$ " screws				B*	1	10	
832-UM	4 $\frac{1}{4}$ " stainless steel debris basket				B*	1	1	
832-W	Flexible red locating bristles with screw				B*	1	10	



832-4PNQ

Finish Line™

Adjustable Floor Drain - Large Head

Sch. 40 Hub Connection

- Adjustable AFTER the pour
- ABS/PVC base adapter, ABS coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



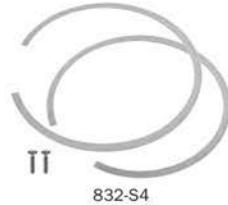
832-UM



832-EX4



832-4HHD



832-W

CLICK FOR SUBMITTAL

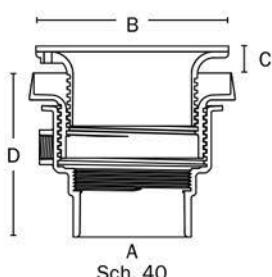
Rough-in Drain
Base adapter, coring sleeve and coring plugFinish Fixture
Head adapter, ring and strainerComplete Assembly
Includes rough-in drain and boxed finish fixtureOption H
Hinged strainer**Options:** Add letter suffix. Add price to list.

V Vandal-resistant screws

H Hinged strainer

E Extended ring ¹B Complies with Buy American Act ¹¹ Only available for round nickel bronze ring and strainer.

PVC Item No	ABS Item No	Ring & Strainer	Dimensions				Pkg	Min Qty	Case Qty
			A	B	C	D			
ROUGH-IN DRAIN									
832-2PF	832-2AF	(Coring plug)	2"	—	—	5½"-6¾"	B*	1	10
832-36PF	832-36AF	(Coring plug)	3" x 4"	—	—	5¼"-6½"	B*	1	10
832-4PF	832-4AF	(Coring plug)	4"	—	—	5½"-6¾"	B*	1	10
FINISH FIXTURE									
832-4HNR	—	Round ni-brnz	—	6½"	—	—	B*	1	10
832-4HNQ	—	Square ni-brnz	—	7"	—	—	B*	1	10
832-4HSR	—	Round 304 SS	—	6½"	—	—	B*	1	1
832-4HSQ	—	Square 304 SS	—	7"	—	—	B*	1	1
COMPLETE ASSEMBLY									
832-2PNR	832-2ANR	Round ni-brnz	2"	6½"	0"-1¼"	5½"-6¾"	B*	1	1
832-2PNQ	832-2ANQ	Square ni-brnz	2"	7"	5/16"-1¼"	5½"-6¾"	B*	1	1
832-2PSR	832-2ASR	Round 304 SS	2"	6½"	0"-1¼"	5½"-6¾"	B*	1	1
832-2PSQ	832-2ASQ	Square 304 SS	2"	7"	5/16"-1¼"	5½"-6¾"	B*	1	1
832-36PNR	832-36ANR	Round ni-brnz	3" x 4"	6½"	0"-1¼"	5¼"-6½"	B*	1	1
832-36PNQ	832-36ANQ	Square ni-brnz	3" x 4"	7"	5/16"-1¼"	5¼"-6½"	B*	1	1
832-36PSR	832-36ASR	Round 304 SS	3" x 4"	6½"	0"-1¼"	5¼"-6½"	B*	1	1
832-36PSQ	832-36ASQ	Square 304 SS	3" x 4"	7"	5/16"-1¼"	5¼"-6½"	B*	1	1
832-4PNR	832-4ANR	Round ni-brnz	4"	6½"	0"-1¼"	5½"-6¾"	B*	1	1
832-4PNQ	832-4ANQ	Square ni-brnz	4"	7"	5/16"-1¼"	5½"-6¾"	B*	1	1
832-4PSR	832-4ASR	Round 304 SS	4"	6½"	0"-1¼"	5½"-6¾"	B*	1	1
832-4PSQ	832-4ASQ	Square 304 SS	4"	7"	5/16"-1¼"	5½"-6¾"	B*	1	1
ACCESSORIES									
832-4HHD	—	Hub drain finish fixture, ABS/PVC					B*	1	10
832-4DHHD	—	Hub drain finish fixture, iron					B*	1	1
863-FA	—	Round aluminum condensate funnel with screws					B*	1	5
863-FN	—	Round nickel bronze condensate funnel with screws					B*	1	5
863-FNO	—	Oval nickel bronze condensate funnel with screws					B*	1	5
832-S4	—	Two adjustment shims, two ¾" screws					B*	1	10
832-UM	—	4½" stainless steel debris basket					B*	1	1
832-EX4	—	Ductile iron extension nipple - 2" min - 4" max					B*	1	1
832-W	—	Flexible red locating bristles with screw					B*	1	10



Finish Line™

Adjustable Floor Drain

Sch. 40 Hub Connection - Small Head

- Adjustable AFTER the pour
- ABS/PVC base adapter, ABS coring sleeve, head adapter and poly coring plug
- For use in pedestrian traffic areas



832-25PNR



Rough-in Drain
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and strainer

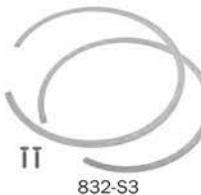


Complete Assembly
Includes rough-in drain and boxed finish fixture

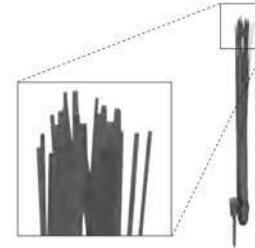
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863-FA



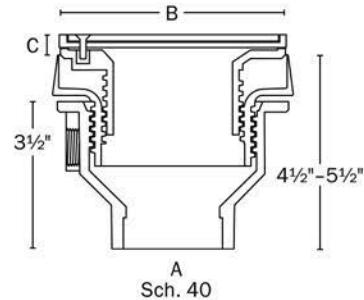
832-S3



832-W
Locating bristles



832-3HHD

A
Sch. 40

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
B Complies with Buy American Act ¹
E Extended ring ¹

¹ Only available for round nickel bronze ring and strainer.

PVC Item No	ABS Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
			A	B	C			
ROUGH-IN DRAIN								
832-25PF	832-25AF	(Coring plug)	2" x 3"	—	—	B*	1	10
832-35PF	832-35AF	(Coring plug)	3" x 4"	—	—	B*	1	10
FINISH FIXTURE								
832-3HNR	—	Round ni-brnz	—	5 1/2"	—	B*	1	10
832-3HNQ	—	Square ni-brnz	—	5 7/8"	—	B*	1	10
832-3HSR	—	Round 304 SS	—	5 1/2"	—	B*	1	1
832-3HSQ	—	Square 304 SS	—	5 7/8"	—	B*	1	1
COMPLETE ASSEMBLY								
832-25PNR	832-25ANR	Round ni-brnz	2" x 3"	5 1/2"	0-1"	B*	1	1
832-25PNQ	832-25ANQ	Square ni-brnz	2" x 3"	5 7/8"	5/16"-1"	B*	1	1
832-25PSR	832-25ASR	Round 304 SS	2" x 3"	5 1/2"	0-1"	B*	1	1
832-25PSQ	832-25ASQ	Square 304 SS	2" x 3"	5 7/8"	5/16"-1"	B*	1	1
832-35PNR	832-35ANR	Round ni-brnz	3" x 4"	5 1/2"	0-1"	B*	1	1
832-35PNQ	832-35ANQ	Square ni-brnz	3" x 4"	5 7/8"	5/16"-1"	B*	1	1
832-35PSR	832-35ASR	Round 304 SS	3" x 4"	5 1/2"	0-1"	B*	1	1
832-35PSQ	832-35ASQ	Square 304 SS	3" x 4"	5 7/8"	5/16"-1"	B*	1	1
ACCESSORIES								
832-3HHD	Hub Drain Finish Fixture ABS/PVC			B*	1	10		
863-FA	Round aluminum condensate funnel with screws			B*	1	5		
863-FN	Round nickel bronze condensate funnel with screws			B*	1	5		
863-FNO	Oval nickel bronze condensate funnel with screws			B*	1	5		
832-S3	Two adjustment shims, two 3/4" screws			B*	1	10		
832-W	Flexible red locating bristles with screw			B*	1	10		



842-3PSR



842-3PNQ



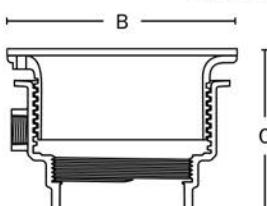
842-36Pi



842-UM



863-FA

A
Sch. 40

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Option E
Extended Ring**Options:** Add letter suffix. Add prices to list.

V Vandal-resistant screws

H Hinged strainer ¹E Extended ring ²B Complies with Buy American Act ²

Y Ductile iron head adapter in place of ABS

M Medium-duty strainer (3,000 lbs. safe-load)³¹ Available for 6 1/2" and 7" nickel bronze or 304 stainless steel ring/strainer.² Available for round nickel bronze ring/strainer.³ Available for round 304 SS ring & strainer.

PVC Item No	ABS Item No	Shape	Dimensions			Pkg	Min Qty	Case Qty
			A	B	C			
NICKEL BRONZE								
842-2PNR	842-2ANR	Round	2" x 3"	5 1/2"	4 5/8"-5 1/8"	B*	1	10
842-3PNR	842-3ANR	Round	3" x 4"	5 1/2"	4 3/8"-5 1/8"	B*	1	8
842-36PNR	842-36ANR	Round	3" x 4"	6 1/2"	5 1/8"-6 1/4"	B*	1	10
842-4PNR	842-4ANR	Round	4" hub	6 1/2"	5 3/8"-6 1/2"	B*	1	10
842-2PNQ	842-2ANQ	Square	2" x 3"	5 1/8"	4 3/8"-5 1/8"	B*	1	10
842-3PNQ	842-3ANQ	Square	3" x 4"	5 1/8"	4 3/8"-5 1/8"	B*	1	10
842-36PNQ	842-36ANQ	Square	3" x 4"	7"	5 1/8"-6 1/4"	B*	1	10
842-4PNQ	842-4ANQ	Square	4" hub	7"	5 3/8"-6 1/2"	B*	1	10
STAINLESS STEEL								
842-2PSR	842-2ASR	Round	2" x 3"	5 1/2"	4 3/8"-5 1/8"	B*	1	10
842-3PSR	842-3ASR	Round	3" x 4"	5 1/2"	4 3/8"-5 1/8"	B*	1	8
842-36PSR	842-36ASR	Round	3" x 4"	6 1/2"	5 1/8"-6 1/4"	B*	1	10
842-4PSR	842-4ASR	Round	4" hub	6 1/2"	5 3/8"-6 1/2"	B*	1	10
842-2PSQ	842-2ASQ	Square	2" x 3"	5 1/8"	4 3/8"-5 1/8"	B*	1	10
842-3PSQ	842-3ASQ	Square	3" x 4"	5 1/8"	4 3/8"-5 1/8"	B*	1	10
842-36PSQ	842-36ASQ	Square	3" x 4"	7"	5 1/8"-6 1/4"	B*	1	1
842-4PSQ	842-4ASQ	Square	4" hub	7"	5 3/8"-6 1/2"	B*	1	10
CAST IRON								
842-2Pi	842-2Ai	Round	2" x 3"	6 1/8"	4 3/4"-5 1/2"	B*	1	2
842-3Pi	842-3Ai	Round	3" x 4"	6 1/8"	4 3/4"-5 1/2"	B*	1	2
842-36Pi	842-36Ai	Round	3" x 4"	6 1/8"	5 1/2"-6 1/8"	B*	1	2
842-4Pi	842-4Ai	Round	4" hub	6 1/8"	5 3/4"-6 7/8"	B*	1	2
ACCESSORIES								
863-FA	—	Round aluminum condensate funnel with screws				B*	1	5
863-FN	—	Round nickel bronze condensate funnel with screws				B*	1	5
863-FNO	—	Oval nickel bronze condensate funnel with screws				B*	1	5
842-UM	—	4 5/8" stainless steel debris basket (use with 842-4_ or 842-36_ only)				B*	1	1

On-Grade Adjustable Floor Drain ABS MIP Thread

Round or Square Ring and Strainer

- Available in nickel bronze, stainless steel, cast iron (round only) and ABS
- MIP thread models adapt to any standard FIP adapter

Options: Add letter suffix. Add prices to list.

V Vandal-resistant screws

H Hinged strainer ¹

E Extended ring ²

M Medium-duty strainer (3,000 lbs. safe-load)³

¹ Available for 6½" nickel bronze or 304 stainless steel ring/strainer.

² Available for 6½" nickel bronze ring/strainer.

³ Available for round 304 SS ring & strainer.



Option H
Hinged Strainer



842-3LNR



842-3LNQ



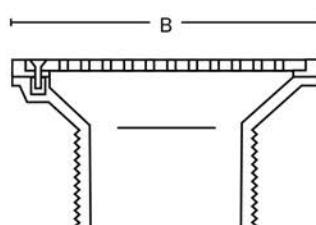
842-3Li



842-3LP

Item No	Ring & Strainer	Dimensions		Pkg	Min Qty	Case Qty
		A	B			
ROUND RING AND STRAINER						
842-2LNR	Nickel bronze	2" MIP	4½"	B*	1	10
842-3LNR	Nickel bronze	3" MIP	5½"	B*	1	10
842-3LNRPK	Nickel bronze	3" MIP	5½"	C*	5	5
842-36LNR	Nickel bronze	3" MIP	6½"	B*	1	10
842-4LNR	Nickel bronze	4" MIP	6½"	B*	1	10
842-2LSR	304 stainless	2" MIP	4½"	B*	1	10
842-3LSR	304 stainless	3" MIP	5½"	B*	1	10
842-36LSR	304 stainless	3" MIP	6½"	B*	1	10
842-4LSR	304 stainless	4" MIP	6½"	B*	1	10
842-2Li	Cast iron	2" MIP	5"	B*	1	5
842-3Li	Cast iron	3" MIP	6½"	B*	1	5
842-36Li	Cast iron	3" MIP	6½"	B*	1	5
842-4Li	Cast iron	4" MIP	6½"	B*	1	5
842-2LP	Gray ABS	2" MIP	4¾"	B*	1	10
842-3LP	Gray ABS	3" MIP	5½"	B*	1	10
842-36LP	Gray ABS	3" MIP	6½"	B*	1	10
842-4LP	Gray ABS	4" MIP	6½"	B*	1	10
SQUARE RING AND STRAINER						
842-2LNQ	Nickel bronze	2" MIP	4½"	B*	1	5
842-3LNQ	Nickel bronze	3" MIP	5¾"	B*	1	5
842-36LNQ	Nickel bronze	3" MIP	7"	B*	1	5
842-4LNQ	Nickel bronze	4" MIP	7"	B*	1	5
842-2LSQ	304 stainless	2" MIP	4½"	B*	1	5
842-3LSQ	304 stainless	3" MIP	5¾"	B*	1	5
842-36LSQ	304 stainless	3" MIP	7"	B*	1	5
842-4LSQ	304 stainless	4" MIP	7"	B*	1	5
ACCESSORIES						
863-FA	Round aluminum condensate funnel with screws		B*	1	5	
863-FN	Round nickel bronze condensate funnel with screws		B*	1	5	
863-FNO	Oval nickel bronze condensate funnel with screws		B*	1	5	
832-UM	4¾" diameter debris basket (for use with 842-4_ models only)		B*	1	1	

CLICK FOR SUBMITTAL



A



842-3iLNR

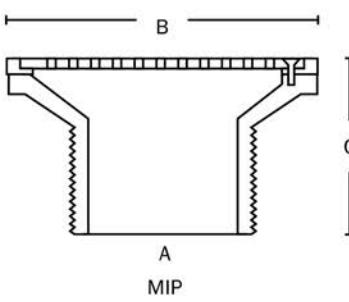


842-3iLNQ



842-3iLi

CLICK FOR SUBMITTAL



MIP

On-Grade Adjustable Floor Drain Cast Iron MIP Thread

Round or Square Ring and Strainer

- Available with nickel bronze (light-duty), or cast iron (heavy-duty) strainer
- MIP thread connection adapts to standard FIP adapters

Options: Add letter suffix. Add prices to list.

V Vandal-resistant screws ¹

¹ Not available on cast iron ring and strainer.

Item No	Dimensions			Pkg	Min Qty	Case Qty
	A	B	C			
ROUND NICKEL BRONZE RING & STRAINER						
842-2iLNR	2" MIP	4½"	2⅓"	B*	1	2
842-3iLNR	3" MIP	5½"	2⅓"	B*	1	2
842-4iLNR	4" MIP	6½"	2⅓"	B*	1	2
SQUARE NICKEL BRONZE RING & STRAINER						
842-2iLNQ	2" MIP	4½"	2⅓"	B*	1	2
842-3iLNQ	3" MIP	5⅞"	2⅓"	B*	1	2
842-4iLNQ	4" MIP	7"	2⅓"	B*	1	2
CAST IRON RING & STRAINER						
842-2iLi	2" MIP	5"	2⅓"	B*	1	2
842-3iLi	3" MIP	6⅛"	3⅓"	B*	1	2
842-4iLi	4" MIP	6⅜"	3⅓"	B*	1	2
ACCESSORIES						
863-FA	Round aluminum condensate funnel with screws			B*	1	5
863-FN	Round nickel bronze condensate funnel with screws			B*	1	5
863-FNO	Oval nickel bronze condensate funnel with screws			B*	1	5
832-UM	4⅓" stainless steel debris basket (for use with 842-4_ models only)			B*	1	1

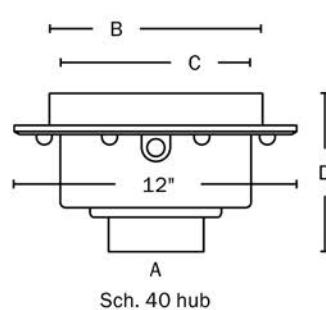
Fat Max™

Large-Capacity Floor Drain

- ABS or PVC solvent weld connection
- Low profile design with anchor flange for a solid installation

[CLICK FOR SUBMITTAL](#)

PVC Item No	ABS Item No	Dimensions				Pkg	Min Qty	Case Qty
		A	B	C	D			
WITH ABS OR PVC STRAINER								
860-2P	860-2A	2"	9"	8½"	6¾"	B*	1	4
860-3P	860-3A	3 x 4"	9"	8½"	6¾"	B*	1	4
860-4P	860-4A	4"	9"	8½"	6¾"	B*	1	4
860-6P	860-6A	6"	9"	8½"	8½"	B*	1	1
WITH NICKEL BRONZE RING & STRAINER								
860-2PN	860-2AN	2"	9¾"	9¾"	7¾"	B*	1	4
860-3PN	860-3AN	3 x 4"	9¾"	9¾"	7¾"	B*	1	4
860-4PN	860-4AN	4"	9¾"	9¾"	7¾"	B*	1	4
860-6PN	860-6AN	6"	9¾"	9¾"	8½"	B*	1	1
WITH STAINLESS STEEL RING & STRAINER								
860-2PZ	860-2AZ	2"	9¾"	9¾"	7¾"	B*	1	4
860-3PZ	860-3AZ	3 x 4"	9¾"	9¾"	7¾"	B*	1	4
860-4PZ	860-4AZ	4"	9¾"	9¾"	7¾"	B*	1	4
860-6PZ	860-6AZ	6"	9¾"	9¾"	8½"	B*	1	1
WITH CAST IRON RING & STRAINER								
860-2Pi	860-2Ai	2"	9¾"	8½"	6¾"	B*	1	2
860-3Pi	860-3Ai	3 x 4"	9¾"	8½"	6¾"	B*	1	2
860-4Pi	860-4Ai	4"	9¾"	8½"	6¾"	B*	1	2
860-6Pi	860-6Ai	6"	9¾"	8½"	8½"	B*	1	2

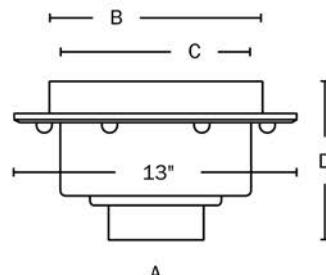
**Fat Max™**

Large-Capacity Floor Drain

- Cast iron no-hub or push-joint connection
- Low profile design with anchor flange for a solid installation

[CLICK FOR SUBMITTAL](#)

No-Hub Item No	Push-Joint Item No	Dimensions				Pkg	Min Qty	Case Qty
		A	B	C	D†			
WITH NICKEL BRONZE RING & STRAINER								
860-22N	860-62N	2"	9¾"	9¾"	7¼"	B*	1	1
860-23N	860-63N	3"	9¾"	9¾"	7¼"	B*	1	1
860-24N	860-64N	4"	9¾"	9¾"	7¼"	B*	1	1
860-26N	—	6"	9¾"	9¾"	7¾"	B*	1	1
WITH STAINLESS STEEL RING & STRAINER								
860-22Z	860-62Z	2"	9¾"	9¾"	7¼"	B*	1	1
860-23Z	860-63Z	3"	9¾"	9¾"	7¼"	B*	1	1
860-24Z	860-64Z	4"	9¾"	9¾"	7¼"	B*	1	1
860-26Z	—	6"	9¾"	9¾"	7¾"	B*	1	1
WITH CAST IRON STRAINER								
860-22i	860-62i	2"	9"	8½"	6¾"	B*	1	1
860-23i	860-63i	3"	9"	8½"	6¾"	B*	1	1
860-24i	860-64i	4"	9"	8½"	6¾"	B*	1	1
860-26i	—	6"	9"	8½"	7¼"	B*	1	1



† Add ¾" to this dimension for push-joint connection



Option C / 860-C



Option W / 860-UM



Option S / 860-S



Option U / 860-U



Option F / 863-FN



Option FO / 863-FNO

Fat Max™

Options, Strainers and Accessories

- Customize the Fat Max™ to your specific application
- Options are factory installed
- Strainers and accessories are ordered and sold separately

Suffix Code	Description	Availability Restrictions
OPTIONS		
When ordering multiple options, please list suffix code in the order they are shown below		
to the appropriate Fat Max item number from the previous page		
N	Nickel bronze veneer	Only for ABS/PVC drains with cast iron strainers
S	PVC sand bucket for sump area	—
U	PVC debris bucket for sump area	—
C	PVC clamping collar with stainless steel bolts	Only for ABS/PVC drains
C	Cast iron clamping collar with SS bolts	Only for cast iron drains
V	Vandal-resistant screws for strainer	Not for cast iron strainers
T	Tapped trap primer connection, 1/2" FIP	Only for ABS/PVC drains
W	Stainless steel debris basket for sump area	—
F	Round nickel bronze condensate funnel	—
FA	Round aluminum condensate funnel	—
FO	Oval nickel bronze condensate funnel	—
6	PVC flat strainer for drain outlet 5 1/16" dia.	Not for 6" drains
P	Push-joint gasket to fit Sch. 40 ABS/PVC pipe	Only for drains with 3" and 4" push-joint connection

Item No	Description	Pkg	Min Qty	Case Qty
STRAINERS				
860-GP	PVC full strainer with lift handle	B*	1	16
860-GA	ABS full strainer with lift handle	B*	1	12
860-GN	Nickel bronze full strainer only	B*	1	1
860-RGN	Nickel bronze ring and full strainer	B*	1	1
860-RGS	304 stainless steel ring and full strainer	B*	1	1
860-Gi	Cast iron strainer only	B*	1	5
860-GPJ	PVC full cover	B*	1	16

Item No	Description	Pkg	Min Qty	Case Qty
ACCESSORIES				
860-S	PVC sand bucket for drain sump area	B*	1	20
860-U	PVC debris bucket for drain sump area	B*	1	20
860-C	PVC clamping collar with stainless steel screws	B*	1	10
860-Ci	Cast iron clamping collar with stainless steel screws	B*	1	10
860-UM	Stainless steel debris basket	B*	1	5
863-FA	Round aluminum condensate funnel with screws	B*	1	5
863-FN	Round nickel bronze condensate funnel with screws	B*	1	5
863-FNO	Oval nickel bronze condensate funnel with screws	B*	1	5
860-6	PVC flat secondary strainer	B*	1	10

Fat Max™

Stainless Steel Floor Drain

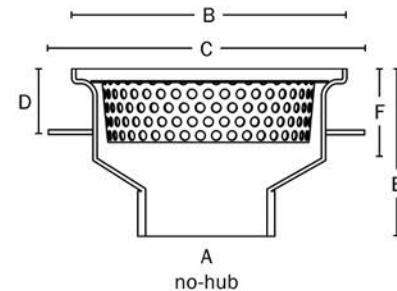
- All-stainless construction – no-hub connection
- Smooth, seamless sump area with bead-blasted finish is suitable for use in commercial/restaurant kitchens, health care facilities or food processing plants
- Other typical applications include breweries, chemical/textile plants, dairies or laboratories
- Removable stainless steel debris bucket included



860-4SS

CLICK FOR SUBMITTAL

Item No	Dimensions						Pkg	Min Qty	Case Qty
	A	B	C	D	E	F			
860-3SS	3"	6 1/4"	8	2"	5 1/2"	3	B*	1	1
860-4SS	4"	8 1/8"	10 1/8"	2"	5 1/2"	3	B*	1	1
ACCESSORIES									
860-3SSS	Strainer only for 860-3SS					B	1	1	
860-4SSS	Strainer only for 860-4SS					B	1	1	

**Little Max™**

General Purpose Floor Drain

- ABS or PVC solvent weld connection
- Strainer ring can be used as a clamping collar for above-grade applications



864-3P

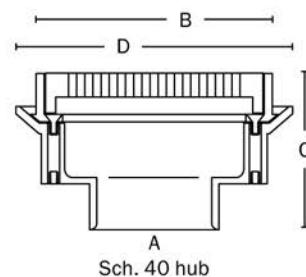
CLICK FOR SUBMITTAL

Options: Add letter suffix. Add price to list.**V** Vandal-resistant screws**T** Tapped 1/2" FIP for trap primer**S** Sand bucket**U** Stainless steel debris basket for sump area

PVC Item No	ABS Item No	Dimensions				Pkg	Min Qty	Case Qty
A	B	C	D					
864-2P	864-2A	2"	7 1/4"	4 1/4"	8 1/2"	B*	1	3
864-3P	864-3A	3"	7 1/4"	4 3/8"	8 1/2"	B*	1	3
864-4P	864-4A	4"	7 1/4"	5 1/8"	8 1/2"	B*	1	3
ACCESSORIES								
864-GP	PVC strainer with lift handle, loose set				B*	1	1	
864-S	PVC sand bucket (fits inside sump area)				B*	1	10	
864-UM	Stainless steel mesh debris basket				B*	1	10	
863-FA	Aluminum condensate funnel with screws				B*	1	5	
863-FN	Nickel bronze condensate funnel with screws				B*	1	5	
863-FNO	Oval nickel bronze condensate funnel with screws				B*	1	5	



864-S



Sch. 40 hub



843-3PNR



843-3PNQ



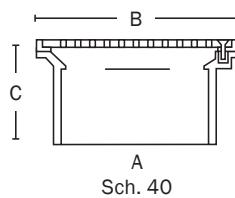
843-3Pi



832-UM



863-FA



On-Grade Floor Drain Sch. 40 Hub Connection

Round or Square Ring and Strainer

- Available with nickel bronze, stainless steel or ABS strainer for use in pedestrian areas
- Cast iron strainer for use in heavy-duty applications
- Three brass thread inserts secure strainer screws
- Square strainer is great for tile floors

Options: Add letter suffix. Add prices to list.

V Vandal-resistant screws ¹

\$5.00

¹ Not available on cast iron ring and strainer.

PVC Item No	ABS Item No	Dimensions			Strainer Gauge	Pkg	Min Qty	Case Qty
ROUND NICKEL BRONZE RING & STRAINER								
843-2PNR	843-2ANR	2" x 3"	4½"	2½"	—	B*	1	10
843-3PNR	843-3ANR	3" x 4"	5½"	2½"	—	B*	1	10
843-4PNR	843-4ANR	4" hub	6½"	2 ¹⁵ / ₁₆ "	—	B*	1	4
SQUARE NICKEL BRONZE RING & STRAINER								
843-2PNQ	843-2ANQ	2" x 3"	4½"	2½"	—	B*	1	5
843-3PNQ	843-3ANQ	3" x 4"	5¾"	2½"	—	B*	1	10
843-4PNQ	843-4ANQ	4" hub	7"	2 ¹⁵ / ₁₆ "	—	B*	1	10
CAST IRON RING & STRAINER								
843-2Pi	843-2Ai	2" x 3"	5"	3½"	—	B*	1	2
843-3Pi	843-3Ai	3" x 4"	6½"	3½"	—	B*	1	2
843-4Pi	843-4Ai	4" hub	6½"	3½"	—	B*	1	2
18-GAUGE STAINLESS STEEL STRAINER								
843-2PS	843-2AS	2" x 3"	4½"	2 ⁵ / ₁₆ "	18	B*	1	10
843-3PS	843-3AS	3" x 4"	5½"	2¼"	18	B*	1	10
843-4PS	843-4AS	4" hub	6½"	2½"	16	B*	1	4
ABS STRAINER								
843-2PP	843-2AP	2" x 3"	4½"	2½"	—	B*	1	10
843-3PP	843-3AP	3" x 4"	5½"	2½"	—	B*	1	10
843-4PP		4" hub	6½"	2 ¹⁵ / ₁₆ "	—	B*	1	4
ACCESSORIES								
863-FA	—	Round aluminum condensate funnel with screws			B*	1	5	
863-FN	—	Round nickel bronze condensate funnel with screws			B*	1	5	
863-FNO	—	Oval nickel bronze condensate funnel with screws			B*	1	5	
832-UM	—	4¼" stainless steel debris basket (for use with 843-4_ models only)			B*	1	1	

On-Grade Floor Drain

Cast Iron No-Hub Connection

Round or Square Ring and Strainer

- Available with round or square nickel bronze strainer for use in pedestrian traffic areas
- Cast iron strainer for heavy-duty applications
- Square strainer is great for tile floors



844-23NR



844-23NQ



844-23i

Options: Add letter suffix. Add prices to list.

Vandal-resistant screws ¹

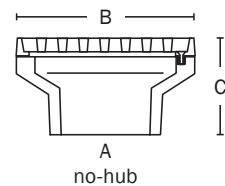
\$5.00

¹ Not available on cast iron ring and strainer.

Item No	Dimensions			Pkg	Min Qty	Case Qty
	A	B	C			
ROUND NICKEL BRONZE RING & STRAINER						
844-22NR	2"	4½"	3⁵/₁₆"	B*	1	4
844-23NR	3"	5½"	3⁷/₁₆"	B*	1	4
844-24NR	4"	6½"	3⁹/₁₆"	B*	1	4
SQUARE NICKEL BRONZE RING & STRAINER						
844-22NQ	2"	4½"	2³/₈"	B*	1	1
844-23NQ	3"	5⁷/₈"	2³/₈"	B*	1	1
844-24NQ	4"	7"	2³/₈"	B*	1	1
CAST IRON STRAINER						
844-22i	2"	5"	3⁵/₁₆"	B*	1	4
844-23i	3"	6¹/₈"	3⁷/₁₆"	B*	1	4
844-24i	4"	6⁵/₈"	3⁹/₁₆"	B*	1	4
ACCESSORIES						
863-FA	Round aluminum condensate funnel with screws			B*	1	5
863-FN	Round nickel bronze condensate funnel with screws			B*	1	5
863-FNO	Oval nickel bronze condensate funnel with screws			B*	1	5



863-FA



Finish Line™

 Adjustable Flashing Drain
 Cast Iron No-Hub Connection
 Ductile on Cast – Large Head

- Adjustable AFTER the pour
- Cast iron base adapter with ductile iron clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for pedestrian traffic
- Ductile iron strainers for heavy-duty applications



833-23DiR

CLICK FOR SUBMITTAL

Options: Add letter suffix. Add price to list.**V** Vandal-resistant screws**H** Hinged strainer¹**E** Extended ring²**B** Complies with Buy American Act²**M** Medium-duty strainer (3,000 lbs. safe-load)³Option H
Hinged Strainer

832-S4



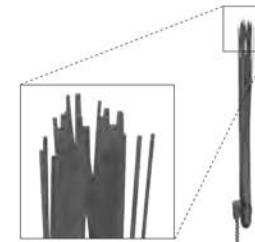
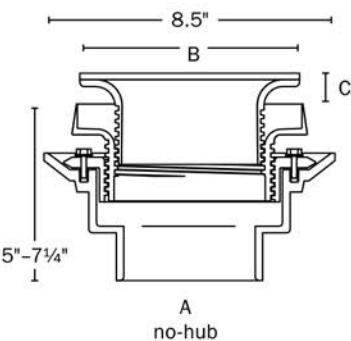
832-EX4



832-UM



832-4HHD

832-W
Locating bristles

Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
833-22DF	(Coring plug)	2"	—	—	B*	1	1
833-23DF	(Coring plug)	3"	—	—	B*	1	1
833-24DF	(Coring plug)	4"	—	—	B*	1	1
FINISH FIXTURE							
832-4DHNR	Round nickel bronze	—	6 1/2"	—	B*	1	10
832-4DHNQ	Square nickel bronze	—	7"	—	B*	1	10
832-4DHSR	Round stainless	—	6 1/2"	—	B*	1	1
832-4DHSQ	Square 304 stainless	—	7"	—	B*	1	1
832-4DHr	Round ductile	—	6 1/2"	—	B*	1	10
COMPLETE ASSEMBLY							
833-22DNR	Round nickel bronze	2"	6 1/2"	0-1 1/4"	B*	1	1
833-22DNQ	Square nickel bronze	2"	7"	5/16"-1 1/4"	B*	1	1
833-22DSR	Round 304 stainless	2"	6 1/2"	0-1 1/4"	B*	1	1
833-22DSQ	Square 304 stainless	2"	7"	5/16"-1 1/4"	B*	1	1
833-22DiR	Round ductile	2"	6 1/2"	0-1 1/4"	B*	1	1
833-23DNR	Round nickel bronze	3"	6 1/2"	0-1 1/4"	B*	1	1
833-23DNQ	Square nickel bronze	3"	7"	5/16"-1 1/4"	B*	1	1
833-23DSR	Round 304 stainless	3"	6 1/2"	0-1 1/4"	B*	1	1
833-23DSQ	Square 304 stainless	3"	7"	5/16"-1 1/4"	B*	1	1
833-23DiR	Round ductile	3"	6 1/2"	0-1 1/4"	B*	1	1
833-24DNR	Round nickel bronze	4"	6 1/2"	0-1 1/4"	B*	1	1
833-24DNQ	Square nickel bronze	4"	7"	5/16"-1 1/4"	B*	1	1
833-24DSR	Round 304 stainless	4"	6 1/2"	0-1 1/4"	B*	1	1
833-24DSQ	Square 304 stainless	4"	7"	5/16"-1 1/4"	B*	1	1
833-24DiR	Round ductile	4"	6 1/2"	0-1 1/4"	B*	1	1
ACCESSORIES							
832-4HHD	Hub drain finish fixture, ABS/PVC				B*	1	10
832-4DHHD	Hub drain finish fixture, iron				B*	1	1
863-FA	Round aluminum condensate funnel with screws				B*	1	5
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5
832-S4	Two adjustment shims, two 3/4" screws				B*	1	10
832-UM	4 1/4" stainless steel debris basket				B*	1	1
832-EX4	Ductile iron extension nipple - 2" min - 4" max				B*	1	1
832-W	Flexible red locating bristles with screw				B*	1	10



V

H

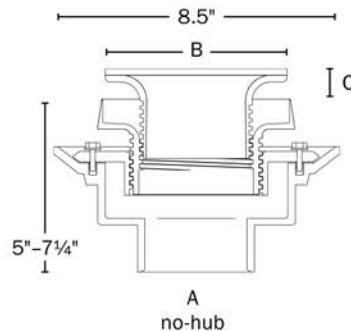
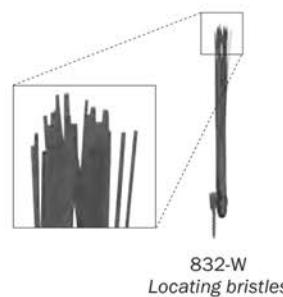
E

B

M



[CLICK FOR SUBMITTAL](#)



Finish Line™

Adjustable Flashing Drain Cast Iron No-Hub Connection Ductile on Cast - Small Head

- Adjustable AFTER the pour
- Cast iron base adapter with ductile iron clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
B Complies with Buy American Act ¹
E Extended ring ¹

¹ Only available for round nickel bronze ring & strainer.

Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
833-225DF	(Coring plug)	2"	—	—	B*	1	1
833-235DF	(Coring plug)	3"	—	—	B*	1	1
FINISH FIXTURE							
832-3DHNR	Round nickel bronze	—	5 1/2"	—	B*	1	1
832-3DHNQ	Square nickel bronze	—	5 7/8"	—	B*	1	1
832-3DHSR	Round 304 stainless	—	5 1/2"	—	B*	1	1
832-3DHSQ	Square 304 stainless	—	5 7/8"	—	B*	1	1
COMPLETE ASSEMBLY							
833-225DNR	Round nickel bronze	2"	5 1/2"	0-1 1/4"	B*	1	1
833-225DNQ	Square nickel bronze	2"	5 7/8"	5/16"-1 1/4"	B*	1	1
833-225DSR	Round 304 stainless	2"	5 1/2"	0-1 1/4"	B*	1	1
833-225DSQ	Square 304 stainless	2"	5 7/8"	5/16"-1 1/4"	B*	1	1
833-235DNR	Round nickel bronze	3"	5 1/2"	0-1 1/4"	B*	1	1
833-235DNQ	Square nickel bronze	3"	5 7/8"	5/16"-1 1/4"	B*	1	1
833-235DSR	Round 304 stainless	3"	5 1/2"	0-1 1/4"	B*	1	1
833-235DSQ	Square 304 stainless	3"	5 7/8"	5/16"-1 1/4"	B*	1	1
ACCESSORIES							
832-3HHD	Hub drain finish fixture, ABS/PVC				B*	1	10
863-FA	Round aluminum condensate funnel with screws				B*	1	5
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5
832-S3	Two adjustment shims, two 3/4" screws				B*	1	10
832-W	Flexible red locating bristles with screw				B*	1	10

Finish Line™

Adjustable Flashing Drain
Cast Iron Push-Joint Connection
Ductile on Cast – Large Head

- Adjustable AFTER the pour
- Cast iron base adapter with ductile iron clamping collar, coring sleeve, head adapter, poly coring plug and neoprene push-joint gasket
- Nickel bronze and stainless steel strainers for pedestrian traffic
- Ductile iron strainers for heavy-duty applications

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws

H Hinged strainer ¹

E Extended ring ²

B Complies with Buy American Act ²

P Push-joint gasket to fit Sch. 40 ABS/PVC pipe ³

M Medium-duty strainer (3,000 lbs. safe-load) ⁴

¹ Not available on ductile iron strainers.

² Only available for round nickel bronze ring and strainer.

³ Not available for 2" drains.

⁴ Only available for round 304 SS ring & strainer.



833-63DNQ

CLICK FOR SUBMITTAL



832-S4

Option E
Extended Ring

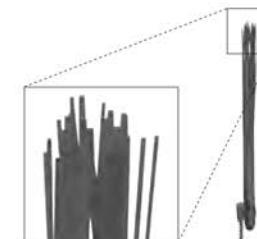
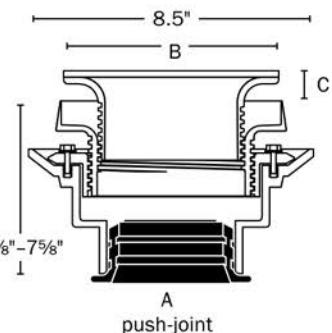
832-EX4



832-UM



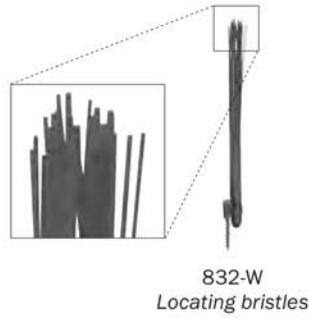
832-4HHD

832-W
Locating bristles

Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
833-62DF	(Coring plug)	2"	—	—	B*	1	1
833-63DF	(Coring plug)	3"	—	—	B*	1	1
833-64DF	(Coring plug)	4"	—	—	B*	1	1
FINISH FIXTURE							
832-4DHNR	Round nickel bronze	—	6 1/2"	—	B*	1	10
832-4DHNQ	Square nickel bronze	—	7"	—	B*	1	10
832-4DHSR	Round 304 stainless	—	6 1/2"	—	B*	1	1
832-4DHSQ	Square 304 stainless	—	7"	—	B*	1	1
832-4DHr	Round ductile	—	6 1/2"	—	B*	1	10
COMPLETE ASSEMBLY							
833-62DNR	Round nickel bronze	2"	6 1/2"	0-1 1/4"	B*	1	1
833-62DNQ	Square nickel bronze	2"	7"	5/16"-1 1/4"	B*	1	1
833-62DSR	Round 304 stainless	2"	6 1/2"	0-1 1/4"	B*	1	1
833-62DSQ	Square 304 stainless	2"	7"	5/16"-1 1/4"	B*	1	1
833-62DiR	Round ductile	2"	6 1/2"	0-1 1/4"	B*	1	1
833-63DNR	Round nickel bronze	3"	6 1/2"	0-1 1/4"	B*	1	1
833-63DNQ	Square nickel bronze	3"	7"	5/16"-1 1/4"	B*	1	1
833-63DSR	Round 304 stainless	3"	6 1/2"	0-1 1/4"	B*	1	1
833-63DSQ	Square 304 stainless	3"	7"	5/16"-1 1/4"	B*	1	1
833-63DiR	Round ductile	3"	6 1/2"	0-1 1/4"	B*	1	1
833-64DNR	Round nickel bronze	4"	6 1/2"	0-1 1/4"	B*	1	1
833-64DNQ	Square nickel bronze	4"	7"	5/16"-1 1/4"	B*	1	1
833-64DSR	Round 304 stainless	4"	6 1/2"	0-1 1/4"	B*	1	1
833-64DSQ	Square 304 stainless	4"	7"	5/16"-1 1/4"	B*	1	1
833-64DiR	Round ductile	4"	6 1/2"	0-1 1/4"	B*	1	1
ACCESSORIES							
832-4HHD	Hub drain finish fixture, ABS/PVC				B*	1	10
832-4DHHD	Hub drain finish fixture, iron				B*	1	1
858-PG4	Push-joint gasket for 4" Sch. 40 pipe				B	1	1
863-FA	Round aluminum condensate funnel with screws				B*	1	5
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5
832-S4	Two adjustment shims, two 3/4" screws				B*	1	10
832-UM	4 1/4" stainless steel debris basket				B*	1	1
832-EX4	Ductile iron extension nipple - 2" min - 4" max				B*	1	1
832-W	Flexible red locating bristles with screw				B*	1	10



CLICK FOR SUBMITTAL



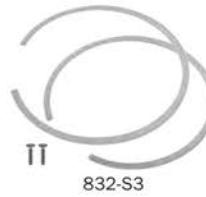
Finish Line™

Adjustable Flashing Drain
Cast Iron Push-Joint Connection
Ductile on Cast - Small Head

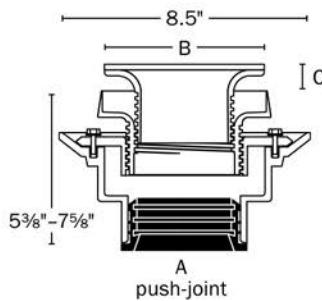
- Adjustable AFTER the pour
- Cast iron base adapter with ductile iron clamping collar, coring sleeve, head adapter, poly coring plug, and neoprene push-joint gasket
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



863-FA



832-S3



Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
B Complies with Buy American Act ¹
E Extended ring ¹
P Push-joint gasket to fit Sch. 40 ABS/PVC pipe ²

¹ Only available for round nickel bronze ring & strainer.
² Only available for 3" drains.

Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
833-625DF	(Coring plug)	2"	—	—	B*	1	1
833-635DF	(Coring plug)	3"	—	—	B*	1	1
FINISH FIXTURE							
832-3DHNR	Round nickel bronze	—	5 1/2"	—	B*	1	1
832-3DHNQ	Square nickel bronze	—	5 7/8"	—	B*	1	1
832-3DHSR	Round 304 stainless	—	5 1/2"	—	B*	1	1
832-3DHSQ	Square 304 stainless	—	5 7/8"	—	B*	1	1
COMPLETE ASSEMBLY							
833-625DNR	Round nickel bronze	2"	5 1/2"	0-1 1/4"	B*	1	1
833-625DNQ	Square nickel bronze	2"	5 7/8"	5/16"-1 1/4"	B*	1	1
833-625DSR	Round 304 stainless	2"	5 1/2"	0-1 1/4"	B*	1	1
833-625DSQ	Square 304 stainless	2"	5 7/8"	5/16"-1 1/4"	B*	1	1
833-635DNR	Round nickel bronze	3"	5 1/2"	0-1 1/4"	B*	1	1
833-635DNQ	Square nickel bronze	3"	5 7/8"	5/16"-1 1/4"	B*	1	1
833-635DSR	Round 304 stainless	3"	5 1/2"	0-1 1/4"	B*	1	1
833-635DSQ	Square 304 stainless	3"	5 7/8"	5/16"-1 1/4"	B*	1	1
ACCESSORIES							
832-3HHD	Hub drain finish fixture, ABS/PVC				B*	1	10
863-FA	Round aluminum condensate funnel with screws				B*	1	5
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5
832-S3	Two adjustment shims, two 3/4" screws				B*	1	10
832-W	Flexible red locating bristles with screw				B*	1	10

Finish Line™

Adjustable Flashing Drain
Cast Iron No-Hub Connection
ABS on Cast - Large Head

- Adjustable AFTER the pour
- Cast iron base adapter with ABS clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



833-23NR

CLICK FOR SUBMITTAL



832-S4



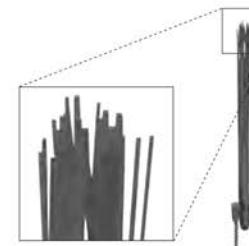
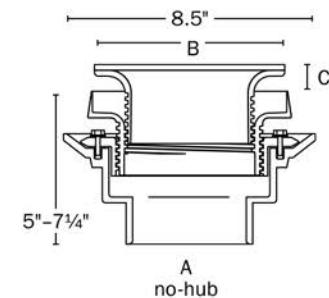
832-EX4



832-UM



832-4HHD

832-W
Locating bristles**Options:** Add letter suffix. Add price to list.

V Vandal-resistant screws

H Hinged strainer

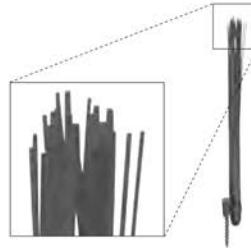
E Extended ring ¹B Complies with Buy American Act ¹¹ Only available for round nickel bronze ring and strainer.Option H
Hinged Strainer

Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
833-22F	(Coring plug)	2"	—	—	B*	1	1
833-23F	(Coring plug)	3"	—	—	B*	1	1
833-24F	(Coring plug)	4"	—	—	B*	1	1
FINISH FIXTURE							
832-4HNR	Round nickel bronze	—	6½"	—	B*	1	10
832-4HNQ	Square nickel bronze	—	7"	—	B*	1	10
832-4HSR	Round 304 stainless	—	6½"	—	B*	1	1
832-4HSQ	Square 304 stainless	—	7"	—	B*	1	1
COMPLETE ASSEMBLY							
833-22NR	Round nickel bronze	2"	6½"	0-1¼"	B*	1	1
833-22NQ	Square nickel bronze	2"	7"	5/16"-1¼"	B*	1	1
833-22SR	Round 304 stainless	2"	6½"	0-1¼"	B*	1	1
833-22SQ	Square 304 stainless	2"	7"	5/16"-1¼"	B*	1	1
833-23NR	Round nickel bronze	3"	6½"	0-1¼"	B*	1	1
833-23NQ	Square nickel bronze	3"	7"	5/16"-1¼"	B*	1	1
833-23SR	Round 304 stainless	3"	6½"	0-1¼"	B*	1	1
833-23SQ	Square 304 stainless	3"	7"	5/16"-1¼"	B*	1	1
833-24NR	Round nickel bronze	4"	6½"	0-1¼"	B*	1	1
833-24NQ	Square nickel bronze	4"	7"	5/16"-1¼"	B*	1	1
833-24SR	Round 304 stainless	4"	6½"	0-1¼"	B*	1	1
833-24SQ	Square 304 stainless	4"	7"	5/16"-1¼"	B*	1	1
ACCESSORIES							
832-4HHD	Hub drain finish fixture, ABS/PVC				B*	1	10
832-4DHH	Hub drain finish fixture, iron				B*	1	1
863-FA	Round aluminum condensate funnel with screws				B*	1	5
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5
832-S4	Two adjustment shims, two 3/4" screws				B*	1	10
832-UM	4½" stainless steel debris basket				B*	1	1
832-EX4	Ductile iron extension nipple - 2" min - 4" max				B*	1	1
832-W	Flexible red locating bristles with screw				B*	1	10



833-235NQ

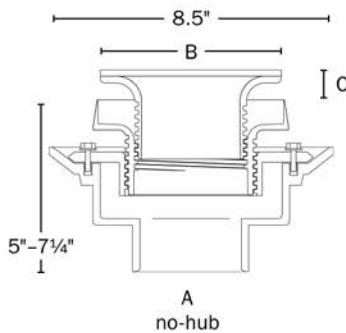
CLICK FOR SUBMITTAL

832-W
Locating bristles

863-FA



832-3HHD



Finish Line™

Adjustable Flashing Drain Cast Iron No-Hub Connection ABS on Cast - Small Head

- Adjustable AFTER the pour
- Cast iron base adapter with ABS clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas

Options: Add letter suffix. Add price to list.**V** Vandal-resistant screws**B** Complies with Buy American Act ¹**E** Extended ring ¹¹ Only available for round nickel bronze ring and strainer.

Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
833-225F	(Coring plug)	2"	—	—	B*	1	1
833-235F	(Coring plug)	3"	—	—	B*	1	1
FINISH FIXTURE							
832-3HNR	Round nickel bronze	—	5 1/2"	—	B*	1	10
832-3HNQ	Square nickel bronze	—	5 7/8"	—	B*	1	10
832-3HSR	Round 304 stainless	—	5 1/2"	—	B*	1	1
832-3HSQ	Square 304 stainless	—	5 7/8"	—	B*	1	1
COMPLETE ASSEMBLY							
833-225NR	Round nickel bronze	2"	5 1/2"	0-1"	B*	1	1
833-225NQ	Square nickel bronze	2"	5 7/8"	5/16"-1"	B*	1	1
833-225SR	Round 304 stainless	2"	5 1/2"	0-1"	B*	1	1
833-225SQ	Square 304 stainless	2"	5 7/8"	5/16"-1"	B*	1	1
833-235NR	Round nickel bronze	3"	5 1/2"	0-1"	B*	1	1
833-235NQ	Square nickel bronze	3"	5 7/8"	5/16"-1"	B*	1	1
833-235SR	Round 304 stainless	3"	5 1/2"	0-1"	B*	1	1
833-235SQ	Square 304 stainless	3"	5 7/8"	5/16"-1"	B*	1	1
ACCESSORIES							
832-3HHD	Hub drain finish fixture, ABS/PVC				B*	1	10
863-FA	Round aluminum condensate funnel with screws				B*	1	5
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5
832-S3	Two adjustment shims, two 3/4" screws				B*	1	10
832-W	Flexible red locating bristles with screw				B*	1	10

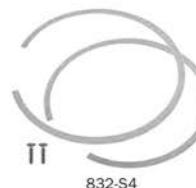
Finish Line™

Adjustable Flashing Drain
Cast Iron Push-Joint Connection
ABS on Cast – Large Head

- Adjustable AFTER the pour
- Cast iron base adapter with ABS clamping collar, coring sleeve, head adapter, poly coring plug and neoprene push-joint gasket
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



CLICK FOR SUBMITTAL

Options: Add letter suffix. Add price to list.**V** Vandal-resistant screws**H** Hinged strainer**E** Extended ring ¹**B** Complies with Buy American Act ¹**P** Push-joint gasket to fit Sch. 40 ABS/PVC pipe ²¹ Only available for round nickel bronze ring and strainer.² Not available for 2" drains.Option E
Extended Ring

833-63NQ



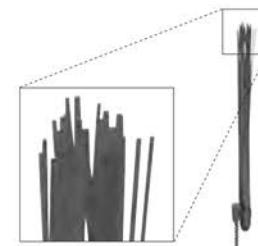
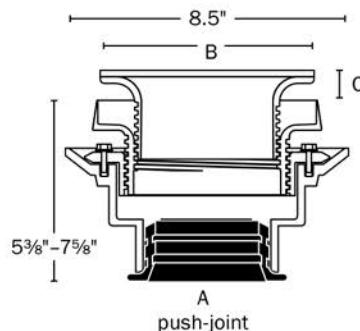
832-EX4



832-UM



832-4HHD

832-W
Locating bristles

Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
833-62F	(Coring plug)	2"	—	—	B*	1	1
833-63F	(Coring plug)	3"	—	—	B*	1	1
833-64F	(Coring plug)	4"	—	—	B*	1	4
FINISH FIXTURE							
832-4HNR	Round nickel bronze	—	6 1/2"	—	B*	1	10
832-4HNQ	Square nickel bronze	—	7"	—	B*	1	10
832-4HSR	Round 304 stainless	—	6 1/2"	—	B*	1	1
832-4HSQ	Square 304 stainless	—	7"	—	B*	1	1
COMPLETE ASSEMBLY							
833-62NR	Round nickel bronze	2"	6 1/2"	0-1 1/4"	B*	1	1
833-62NQ	Square nickel bronze	2"	7"	5/16"-1 1/4"	B*	1	1
833-62SR	Round 304 stainless	2"	6 1/2"	0-1 1/4"	B*	1	1
833-62SQ	Square 304 stainless	2"	7"	5/16"-1 1/4"	B*	1	1
833-63NR	Round nickel bronze	3"	6 1/2"	0-1 1/4"	B*	1	1
833-63NQ	Square nickel bronze	3"	7"	5/16"-1 1/4"	B*	1	1
833-63SR	Round 304 stainless	3"	6 1/2"	0-1 1/4"	B*	1	1
833-63SQ	Square 304 stainless	3"	7"	5/16"-1 1/4"	B*	1	1
833-64NR	Round nickel bronze	4"	6 1/2"	0-1 1/4"	B*	1	1
833-64NQ	Square nickel bronze	4"	7"	5/16"-1 1/4"	B*	1	1
833-64SR	Round 304 stainless	4"	6 1/2"	0-1 1/4"	B*	1	1
833-64SQ	Square 304 stainless	4"	7"	5/16"-1 1/4"	B*	1	1
ACCESSORIES							
832-4HHD	Hub drain finish fixture, ABS/PVC				B*	1	10
832-4DHHD	Hub drain finish fixture, iron				B*	1	1
858-PG4	Push-joint gasket for 4" Sch. 40 pipe				B*	1	1
863-FA	Round aluminum condensate funnel with screws				B*	1	5
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5
832-S4	Two adjustment shims, two 3/4" screws				B*	1	10
832-UM	4 1/4" stainless debris basket				B*	1	1
832-EX4	Ductile iron extension nipple - 2" min - 4" max				B*	1	1
832-W	Flexible red locating bristles with screw				B*	1	10



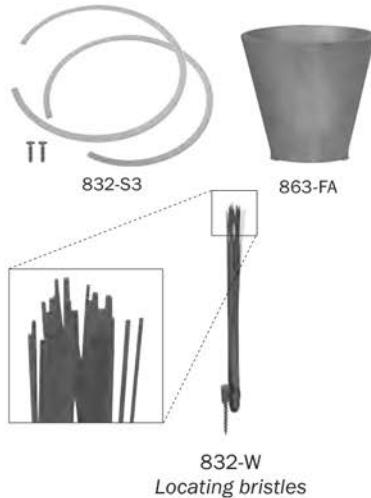
833-625NQ

Finish Line™

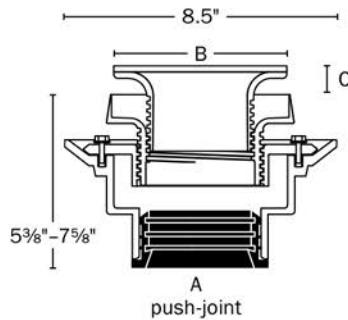
Adjustable Flashing Drain
Cast Iron Push-Joint Connection
ABS on Cast – Small Head

- Adjustable AFTER the pour
- Cast iron base adapter with ABS clamping collar, coring sleeve, head adapter, poly coring plug and neoprene push-joint gasket
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas

CLICK FOR SUBMITTAL

832-W
Locating bristles

832-3HHD



Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
B Complies with Buy American Act ¹
E Extended ring ¹
P Push-joint gasket to fit Sch. 40 ABS/PVC pipe ²

¹ Only available for round nickel bronze ring and strainer.

² Only available for 3" drains.

Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
ROUGH-IN DRAIN							
833-625F	(Coring plug)	2"	—	—	B*	1	1
833-635F	(Coring plug)	3"	—	—	B*	1	1
FINISH FIXTURE							
832-3HNR	Round nickel bronze	—	5 1/2"	—	B*	1	10
832-3HNQ	Square nickel bronze	—	5 7/8"	—	B*	1	10
832-3HSR	Round 304 stainless	—	5 1/2"	—	B*	1	1
832-3HSQ	Square 304 stainless	—	5 7/8"	—	B*	1	1
COMPLETE ASSEMBLY							
833-625NR	Round nickel bronze	2"	5 1/2"	0-1"	B*	1	1
833-625NQ	Square nickel bronze	2"	5 7/8"	5/16"-1"	B*	1	1
833-625SR	Round 304 stainless	2"	5 1/2"	0-1"	B*	1	1
833-625SQ	Square 304 stainless	2"	5 7/8"	5/16"-1"	B*	1	1
833-635NR	Round nickel bronze	3"	5 1/2"	0-1"	B*	1	1
833-635NQ	Square nickel bronze	3"	5 7/8"	5/16"-1"	B*	1	1
833-635SR	Round 304 stainless	3"	5 1/2"	0-1"	B*	1	1
833-635SQ	Square 304 stainless	3"	5 7/8"	5/16"-1"	B*	1	1
ACCESSORIES							
832-3HHD	Hub drain finish fixture, ABS/PVC				B*	1	10
863-FA	Round aluminum condensate funnel with screws				B*	1	5
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5
832-S3	Two adjustment shims, two 3/4" screws				B*	1	10
832-W	Flexible red locating bristles with screw				B*	1	10

Finish Line™

Adjustable Flashing Drain

Sch. 40 Hub Connection - Large Head

- Adjustable AFTER the pour
- ABS/PVC base adapter with ABS clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



833-3PNR

CLICK FOR SUBMITTAL

Options: Add letter suffix. Add price to list.**V** Vandal-resistant screws**H** Hinged strainer**E** Extended ring ¹**B** Complies with Buy American Act ¹Option H
Hinged Strainer

832-S4



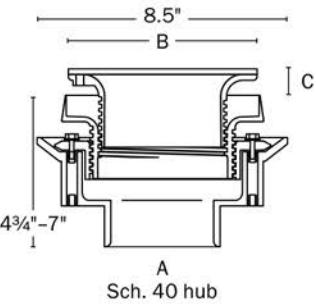
832-EX4



832-4HHD



832-UM

832-W
Locating bristles¹ Only available for round nickel bronze ring and strainer.

PVC Item No	ABS Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
			A	B	C			
ROUGH-IN DRAIN								
833-2PF	833-2AF	(Coring plug)	2"	—	—	B*	1	10
833-3PF	833-3AF	(Coring plug)	3"	—	—	B*	1	10
833-4PF	833-4AF	(Coring plug)	4"	—	—	B*	1	10
FINISH FIXTURE								
832-4HNR	—	Round nickel bronze	—	6 1/2"	—	B*	1	10
832-4HNQ	—	Square nickel bronze	—	7"	—	B*	1	10
832-4HSR	—	Round 304 stainless	—	6 1/2"	—	B*	1	1
832-4HSQ	—	Square 304 stainless	—	7"	—	B*	1	1
COMPLETE ASSEMBLY								
833-2PNR	833-2ANR	Round nickel bronze	2"	6 1/2"	0-1 1/4"	B*	1	1
833-2PNQ	833-2ANQ	Square nickel bronze	2"	7"	5/16"-1 1/4"	B*	1	1
833-2PSR	833-2ASR	Round 304 stainless	2"	6 1/2"	0-1 1/4"	B*	1	1
833-2PSQ	833-2ASQ	Square 304 stainless	2"	7"	5/16"-1 1/4"	B*	1	1
833-3PNR	833-3ANR	Round nickel bronze	3"	6 1/2"	0-1 1/4"	B*	1	1
833-3PNQ	833-3ANQ	Square nickel bronze	3"	7"	5/16"-1 1/4"	B*	1	1
833-3PSR	833-3ASR	Round 304 stainless	3"	6 1/2"	0-1 1/4"	B*	1	1
833-3PSQ	833-3ASQ	Square 304 stainless	3"	7"	5/16"-1 1/4"	B*	1	1
833-4PNR	833-4ANR	Round nickel bronze	4"	6 1/2"	0-1 1/4"	B*	1	1
833-4PNQ	833-4ANQ	Square nickel bronze	4"	7"	5/16"-1 1/4"	B*	1	1
833-4PSR	833-4ASR	Round 304 stainless	4"	6 1/2"	0-1 1/4"	B*	1	1
833-4PSQ	833-4ASQ	Square 304 stainless	4"	7"	5/16"-1 1/4"	B*	1	1
ACCESSORIES								
832-4HHD		Hub drain finish fixture, ABS/PVC				B*	1	10
832-4DHHD		Hub drain finish fixture, iron				B*	1	1
863-FA		Round aluminum condensate funnel with screws				B*	1	5
863-FN		Round nickel bronze condensate funnel with screws				B*	1	5
863-FNO		Oval nickel bronze condensate funnel with screws				B*	1	5
832-S4		Two adjustment shims, two 3/4" screws				B*	1	10
832-UM		4 1/4" stainless steel debris basket				B*	1	1
832-EX4		Ductile iron extension nipple - 2" min - 4" max				B*	1	1
832-W		Flexible red locating bristles with screw				B*	1	10



CLICK FOR SUBMITTAL

Finish Line™

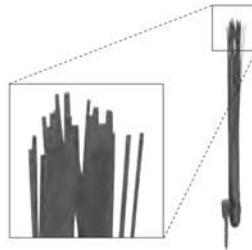
Adjustable Flashing Drain

Sch. 40 Hub Connection – Small Head

- Adjustable AFTER the pour
- ABS/PVC base adapter with ABS clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



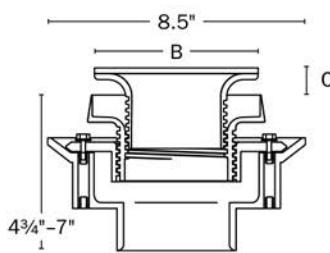
863-FA

832-W
Locating bristles

832-S3

Options: Add letter suffix. Add price to list.**V** Vandal-resistant screws**B** Complies with Buy American Act ¹**E** Extended ring ¹¹ Only available for round nickel bronze ring and strainer.

832-3HHD

A
Sch. 40 hub

PVC Item No	ABS Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
			A	B	C			
ROUGH-IN DRAIN								
833-25PF	833-25AF	(Coring plug)	2"	—	—	B*	1	1
833-35PF	833-35AF	(Coring plug)	3"	—	—	B*	1	1
FINISH FIXTURE								
832-3HNR	—	Round nickel bronze	—	5 1/2"	—	B*	1	10
832-3HNQ	—	Square nickel bronze	—	5 7/8"	—	B*	1	10
832-3HSR	—	Round 304 stainless	—	5 1/2"	—	B*	1	1
832-3HSQ	—	Square 304 stainless	—	5 7/8"	—	B*	1	1
COMPLETE ASSEMBLY								
833-25PNR	833-25ANR	Round nickel bronze	2"	5 1/2"	0-1"	B*	1	1
833-25PNQ	833-25ANQ	Square nickel bronze	2"	5 7/8"	5/16"-1"	B*	1	1
833-25PSR	833-25ASR	Round 304 stainless	2"	5 1/2"	0-1"	B*	1	1
833-25PSQ	833-25ASQ	Square 304 stainless	2"	5 7/8"	5/16"-1"	B*	1	1
833-35PNR	833-35ANR	Round nickel bronze	3"	5 1/2"	0-1"	B*	1	1
833-35PNQ	833-35ANQ	Square nickel bronze	3"	5 7/8"	5/16"-1"	B*	1	1
833-35PSR	833-35ASR	Round 304 stainless	3"	5 1/2"	0-1"	B*	1	1
833-35PSQ	833-35ASQ	Square 304 stainless	3"	5 7/8"	5/16"-1"	B*	1	1
ACCESSORIES								
832-3HHD		Hub drain finish fixture, ABS/PVC				B*	1	10
863-FA		Round aluminum condensate funnel with screws				B*	1	5
863-FN		Round nickel bronze condensate funnel with screws				B*	1	5
832-S3		Two adjustment shims, two 3/4" screws				B*	1	10
832-W		Flexible red locating bristles with screw				B*	1	10

Flashing Drain

Cast Iron No-Hub Connection

Nickel Bronze, Stainless Steel or Cast Iron Ring & Strainer

- Cast iron base adapter with ABS clamping collar and head adapter
- Acme threads are stronger than pipe threads and prevent cross-threading
- Ductile iron head/collar available
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas
- Cast iron strainers for use in heavy-duty applications

CLICK FOR SUBMITTAL



863-23NR



863-23NQ



Option E
Extended Ring



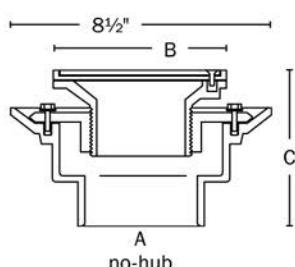
863-23i



842-UM



863-FA



Options: Add letter suffix. Add price to list.

- V** Vandal-resistant screws ¹
- H** Hinged strainer ¹
- Y** Ductile iron head adapter in place of ABS
- D** Ductile iron clamping collar in place of ABS
- E** Extended ring ²
- B** Complies with Buy American Act ²
- M** Medium-duty strainer (3,000 lbs. safe-load)

¹ Not available on cast iron strainers.

² Only available for round nickel bronze ring and strainer.

Item No	Dimensions			Pkg	Min Qty	Case Qty
	A	B	C			
ROUND NICKEL BRONZE RING & STRAINER						
863-22NR	2"	6½"	4¾"-6¾"	B*	1	3
863-23NR	3"	6½"	4¾"-6¾"	B*	1	2
863-24NR	4"	6½"	4¾"-6¾"	B*	1	2
ROUND STAINLESS STEEL RING & STRAINER						
863-22SR	2"	6½"	4¾"-6¾"	B*	1	3
863-23SR	3"	6½"	4¾"-6¾"	B*	1	2
863-24SR	4"	6½"	4¾"-6¾"	B*	1	2
SQUARE NICKEL BRONZE RING & STRAINER						
863-22NQ	2"	7"	4¾"-6¾"	B*	1	2
863-23NQ	3"	7"	4¾"-6¾"	B*	1	2
863-24NQ	4"	7"	4¾"-6¾"	B*	1	2
SQUARE STAINLESS STEEL RING & STRAINER						
863-22SQ	2"	7"	4¾"-6¾"	B*	1	2
863-23SQ	3"	7"	4¾"-6¾"	B*	1	2
863-24SQ	4"	7"	4¾"-6¾"	B*	1	2
CAST IRON RING & STRAINER						
863-22i	2"	6½"	5¾"-7¾"	B*	1	2
863-23i	3"	6½"	5¾"-7¾"	B*	1	2
863-24i	4"	6½"	5¾"-7¾"	B*	1	2
ACCESSORIES						
863-FA	Round aluminum condensate funnel with screws	B	1	5		
863-FN	Round ni-brnz condensate funnel with screws	B	1	5		
863-FNO	Oval ni-brnz condensate funnel with screws	B	1	5		
842-UM	4½" stainless steel debris basket	B*	1	1		



863-63NR



863-63NQ



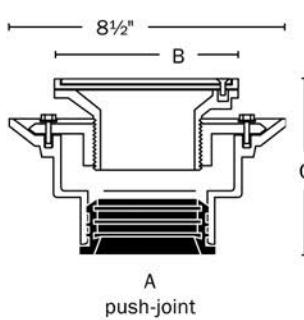
863-63i



842-UM



863-FA

A
push-joint

Flashing Drain

Cast Iron Push-Joint Connection

Nickel Bronze, Stainless Steel or Cast Iron Ring & Strainer

- Cast iron base adapter with ABS clamping collar, head adapter and neoprene push-joint gasket
- Acme threads are stronger than pipe threads and prevent cross-threading
- Ductile iron head/collar available
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas
- Cast iron strainers for use in heavy-duty applications

CLICK FOR SUBMITTAL

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws ¹
H Hinged strainer ¹
Y Ductile iron head adapter in place of ABS
D Ductile iron clamping collar in place of ABS
E Extended ring ²
B Complies with Buy American Act ²
P Push-joint gasket to fit Sch. 40 ABS/PVC pipe ³
M Medium-duty strainer (3,000 lbs. safe-load)

¹ Not available on cast iron strainers.

² Only available for round nickel bronze ring and strainer.

³ Not available for 2" drains.

Option H
Hinged Strainer

Item No	Dimensions			Pkg	Min Qty	Case Qty
	A	B	C			
ROUND NICKEL BRONZE RING & STRAINER						
863-62NR	2"	6½"	5⅛"-6⅜"	B*	1	3
863-63NR	3"	6½"	5⅛"-6⅜"	B*	1	2
863-64NR	4"	6½"	5⅛"-6⅜"	B*	1	2
ROUND STAINLESS STEEL RING & STRAINER						
863-62SR	2"	6½"	5⅛"-6⅜"	B*	1	3
863-63SR	3"	6½"	5⅛"-6⅜"	B*	1	2
863-64SR	4"	6½"	5⅛"-6⅜"	B*	1	2
SQUARE NICKEL BRONZE RING & STRAINER						
863-62NQ	2"	7"	5⅛"-6⅜"	B*	1	2
863-63NQ	3"	7"	5⅛"-6⅜"	B*	1	2
863-64NQ	4"	7"	5⅛"-6⅜"	B*	1	2
SQUARE STAINLESS STEEL RING & STRAINER						
863-62SQ	2"	7"	5⅛"-6⅜"	B*	1	2
863-63SQ	3"	7"	5⅛"-6⅜"	B*	1	2
863-64SQ	4"	7"	5⅛"-6⅜"	B*	1	2
CAST IRON RING & STRAINER						
863-62i	2"	6⅝"	5¾"-7¾"	B*	1	2
863-63i	3"	6⅝"	5¾"-7¾"	B*	1	2
863-64i	4"	6⅝"	5¾"-7¾"	B*	1	2
ACCESSORIES						
858-PG4	Push-joint gasket for 4" Sch. 40 pipe			B	1	1
863-FA	Round aluminum condensate funnel with screws			B	1	5
863-FN	Round ni-brnz condensate funnel with screws			B	1	5
863-FNO	Oval ni-brnz condensate funnel with screws			B	1	5
842-UM	4½" stainless steel debris basket			B*	1	1

Flashing Drain

Sch. 40 Hub Connection

Round Pattern Ring and Strainer

- ABS/PVC base adapter with ABS clamping collar and head adapter
- Acme threads are stronger than pipe threads and prevent cross-threading
- Ductile iron head/collar available
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas
- Cast iron strainers for use in heavy-duty applications



863-43NR



863-425i

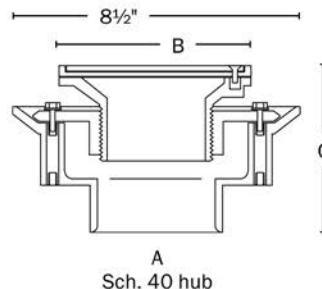
CLICK FOR SUBMITTAL

Option E
Extended Ring

842-UM



863-FA

A
Sch. 40 hub

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws ¹

H Hinged strainer ²

Y Ductile iron head adapter in place of ABS

D Ductile iron clamping collar in place of ABS

T Tapped 1/2" FIP for trap primer with plug

E Extended ring ³

B Complies with Buy American Act ³

M Medium-duty strainer (3,000 lbs. safe-load) ⁴

¹ Not available on cast iron strainers

² Available for 6 1/2" nickel bronze and stainless steel strainers

³ Available for nickel bronze ring and strainer

⁴ Only available for round 304 SS ring & strainer

PVC Item No	ABS Item No	Dimensions			Pkg	Min Qty	Case Qty
NICKEL BRONZE RING & STRAINER							
863-425NR	863-325NR	2"	5 1/2"	4 3/8"-6 3/8"	B*	1	6
863-42NR	863-32NR	2"	6 1/2"	4 1/2"-6 1/2"	B*	1	6
863-435NR	863-335NR	3"	5 1/2"	4 3/8"-6 3/8"	B*	1	6
863-43NR	863-33NR	3"	6 1/2"	4 1/2"-6 1/2"	B*	1	6
863-445NR	863-345NR	4"	5 1/2"	4 3/8"-6 3/8"	B*	1	6
863-44NR	863-34NR	4"	6 1/2"	4 1/2"-6 1/2"	B*	1	6
304 STAINLESS STEEL RING & STRAINER							
863-425SR	863-325SR	2"	5 1/2"	4 3/8"-6 3/8"	B*	1	6
863-42SR	863-32SR	2"	6 1/2"	4 1/2"-6 1/2"	B*	1	6
863-435SR	863-335SR	3"	5 1/2"	4 3/8"-6 3/8"	B*	1	6
863-43SR	863-33SR	3"	6 1/2"	4 1/2"-6 1/2"	B*	1	6
863-44SR	863-34SR	4"	6 1/2"	4 1/2"-6 1/2"	B*	1	6
CAST IRON RING & STRAINER							
863-425i	863-325i	2"	6 1/8"	4 7/8"-6 7/8"	B*	1	2
863-42i	863-32i	2"	6 5/8"	5 1/8"-7 1/8"	B*	1	2
863-43i	863-33i	3"	6 5/8"	5 1/8"-7 1/8"	B*	1	2
863-44i	863-34i	4"	6 5/8"	5 1/8"-7 1/8"	B*	1	2
ACCESSORIES							
863-FA	Round aluminum condensate funnel with screws			B*	1	5	
863-FN	Round ni-brnz condensate funnel with screws			B*	1	5	
863-FNO	Oval ni-brnz condensate funnel with screws			B*	1	5	
842-UM	4 5/8" stainless steel debris basket (use with larger head only)			B*	1	1	



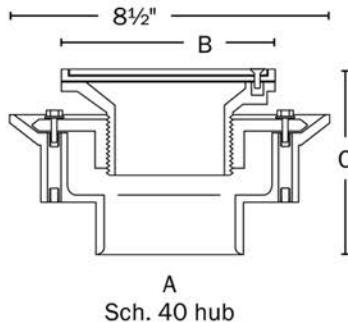
[CLICK FOR SUBMITTAL](#)



842-UM



863-FA



A
Sch. 40 hub

Flashing Drain Sch. 40 Hub Connection

Square Pattern Ring and Strainer

- ABS/PVC base adapter with ABS clamping collar and head adapter
- Acme threads are stronger than pipe threads and prevent cross-threading
- Ductile iron head/collar available
- Square strainer is perfect for floor tile
- For use in pedestrian traffic areas



Option H
Hinged Strainer

Options: Add letter suffix. Add price to list.

- V Vandal-resistant screws
- H Hinged strainer ¹
- Y Ductile iron head adapter in place of ABS
- D Ductile iron clamping collar in place of ABS
- T Tapped 1/2" FIP for trap primer with plug

¹ Available for 7" nickel bronze and stainless steel strainers.

PVC Item No	ABS Item No	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
NICKEL BRONZE RING & STRAINER							
863-425NQ	863-325NQ	2"	5 1/8"	4 5/8"-6 3/8"	B*	1	2
863-42NQ	863-32NQ	2"	7"	4 1/2"-6 1/2"	B*	1	2
863-435NQ	863-335NQ	3"	5 1/8"	4 5/8"-6 3/8"	B*	1	2
863-43NQ	863-33NQ	3"	7"	4 1/2"-6 1/2"	B*	1	2
863-445NQ	863-345NQ	4"	5 1/8"	4 5/8"-6 3/8"	B*	1	2
863-44NQ	863-34NQ	4"	7"	4 1/2"-6 1/2"	B*	1	2
304 STAINLESS STEEL RING & STRAINER							
863-425SQ	863-325SQ	2"	5 1/8"	4 5/8"-6 3/8"	B*	1	2
863-42SQ	863-32SQ	2"	7"	4 1/2"-6 1/2"	B*	1	2
863-435SQ	863-335SQ	3"	5 1/8"	4 5/8"-6 3/8"	B*	1	2
863-43SQ	863-33SQ	3"	7"	4 1/2"-6 1/2"	B*	1	2
863-44SQ	863-34SQ	4"	7"	4 1/2"-6 1/2"	B*	1	2
ACCESSORIES							
863-FA		Round aluminum condensate funnel with screws			B*	1	5
863-FN		Round ni-brnz condensate funnel with screws			B*	1	5
863-FNO		Oval ni-brnz condensate funnel with screws			B*	1	5
842-UM		4 5/8" stainless steel debris basket (use with larger head only)			B*	1	1

Halo™ Drain

Adjustable Floor Drain with Deck Flange Ductile Iron No-Hub Connection

- 2" or 3" no-hub connection
- Head adjusts up to 3/4" above flush to accommodate most flooring types
- Finish Line™ models are adjustable AFTER the pour
- Installs easily in cored concrete floors or corrugated decks
- Great for loft remodels, second floor utility rooms/laundry rooms, etc.



[CLICK FOR SUBMITTAL FOR HALO DRAIN](#)

822-M3DNR



[CLICK FOR SUBMITTAL FOR FINISH LINE HALO](#)

822-F3DSR

Options: Add letter after dash in item number. Add prices to list.

M Clamping collar kit

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws

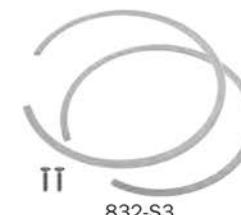
B Complies with Buy American Act ¹

E Extended ring ¹

9 90 deg. side outlet connection

¹ Only available for round nickel bronze ring and strainer.

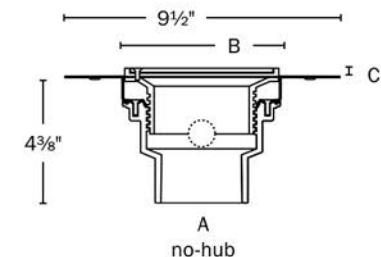
Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
		A	B	C			
HALO DRAIN							
822-2DNR	Round nickel bronze	2"	5 1/2"	0"-3/4"	B	1	4
822-2DSR	Round 304 stainless	2"	5 1/2"	0"-3/4"	B	1	4
822-2DNQ	Square nickel bronze	2"	5 7/8"	5/16"-3/4"	B	1	4
822-2DSQ	Square 304 stainless	2"	5 7/8"	5/16"-3/4"	B	1	4
822-3DNR	Round nickel bronze	3"	5 1/2"	0"-3/4"	B	1	4
822-3DSR	Round 304 stainless	3"	5 1/2"	0"-3/4"	B	1	4
822-3DNQ	Square nickel bronze	3"	5 7/8"	5/16"-3/4"	B	1	4
822-3DSQ	Square 304 stainless	3"	5 7/8"	5/16"-3/4"	B	1	4
FINISH LINE HALO ROUGH-IN DRAIN							
822-2DF	(Coring plug)	2"	—	1"	B	1	1
822-3DF	(Coring plug)	3"	—	1"	B	1	1
FINISH LINE HALO FINISH FIXTURE							
832-3DHNR	Round nickel bronze	—	5 1/2"	1"-2"	B	1	1
832-3DHSR	Round 304 stainless	—	5 1/2"	1"-2"	B	1	1
832-3DHNQ	Square nickel bronze	—	5 7/8"	1 5/16"-2"	B	1	1
832-3DHSQ	Square 304 stainless	—	5 7/8"	1 5/16"-2"	B	1	1
FINISH LINE HALO COMPLETE ASSEMBLY							
822-F2DNR	Round nickel bronze	2"	5 1/2"	1"-2"	B*	1	1
822-F2DSR	Round 304 stainless	2"	5 1/2"	1"-2"	B*	1	1
822-F2DNQ	Square nickel bronze	2"	5 7/8"	1 5/16"-2"	B*	1	1
822-F2DSQ	Square 304 stainless	2"	5 7/8"	1 5/16"-2"	B*	1	1
822-F3DNR	Round nickel bronze	3"	5 1/2"	1"-2"	B*	1	1
822-F3DSR	Round 304 stainless	3"	5 1/2"	1"-2"	B*	1	1
822-F3DNQ	Square nickel bronze	3"	5 7/8"	1 5/16"-2"	B*	1	1
822-F3DSQ	Square 304 stainless	3"	5 7/8"	1 5/16"-2"	B*	1	1
ACCESSORIES							
832-S3	Shim kit for Finish Line Halo: two shims, two 3/4" screws	B	1	10			
863-FA	Round aluminum condensate funnel with screws	B	1	5			
863-FN	Round ni-brnz condensate funnel with screws	B	1	5			
822-EX3	Ductile iron extension nipple fits under Halo head or Finish Line coring sleeve	B	1	1			



822-EX3



863-FA





CLICK FOR SUBMITTAL
FOR HALO DRAIN



CLICK FOR SUBMITTAL
FOR FINISH LINE HALO



832-S3



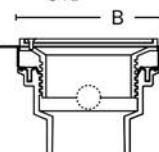
822-EX3



863-FA



9 1/2"



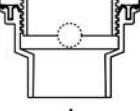
Sch. 40 hub

B



C

A



4 3/8"

Sch. 40 hub

Halo™ Drain

Adjustable Floor Drain with Deck Flange Sch. 40 Hub Connection

- Outlet welds over 2" and inside 3", or over 3" and inside 4"
- Head adjusts up to 3/4" above flush to accommodate most flooring types
- Finish Line™ models are adjustable AFTER the pour
- Installs easily in cored concrete floors or corrugated decks
- Great for loft remodels, second floor utility rooms/laundry rooms, etc.

Options: Add letter after dash in item number. Add prices to list.
M Clamping collar kit

Options: Add letter suffix. Add price to list.

V Vandal-resistant screws
B Complies with Buy American Act ¹
E Extended ring ¹

¹ Only available for round nickel bronze ring and strainer.

PVC Item No	ABS Item No	Ring & Strainer	Dimensions			Pkg	Min Qty	Case Qty
			A	B	C			
HALO DRAIN								
822-2PNR	822-2ANR	Round nickel bronze	2" x 3"	5 1/2"	0"-3/4"	B	1	4
822-2PSR	822-2ASR	Round 304 stainless	2" x 3"	5 1/2"	0"-3/4"	B	1	4
822-2PS	822-2AS	Round 18-ga. stainless	2" x 3"	5 1/2"	0-1/2"	B	1	4
822-2PNQ	822-2ANQ	Square nickel bronze	2" x 3"	5 1/8"	5/16"-3/4"	B	1	4
822-2PSQ	822-2ASQ	Square 304 stainless	2" x 3"	5 1/8"	5/16"-3/4"	B	1	4
822-3PNR	822-3ANR	Round nickel bronze	3" x 4"	5 1/2"	0-3/4"	B	1	4
822-3PSR	822-3ASR	Round 304 stainless	3" x 4"	5 1/2"	0-3/4"	B	1	4
822-3PS	822-3AS	Round 18-ga. stainless	3" x 4"	5 1/2"	0-1/2"	B	1	4
822-3PNQ	822-3ANQ	Square nickel bronze	3" x 4"	5 1/8"	5/16"-3/4"	B	1	4
822-3PSQ	822-3ASQ	Square 304 stainless	3" x 4"	5 1/8"	5/16"-3/4"	B	1	4
FINISH LINE HALO ROUGH-IN DRAIN								
822-2PF	822-2AF	(Coring plug)	2" x 3"	—	1"	B	1	4
822-3PF	822-3AF	(Coring plug)	3" x 4"	—	1"	B	1	4
FINISH LINE HALO FINISH FIXTURE								
832-3HNR	—	Round nickel bronze	—	5 1/2"	1"-2"	B	1	10
832-3HSR	—	Round 304 stainless	—	5 1/2"	1"-2"	B	1	1
832-3HNQ	—	Square nickel bronze	—	5 1/8"	1"-2"	B	1	10
832-3HSQ	—	Square 304 stainless	—	5 1/8"	1"-2"	B	1	1
FINISH LINE HALO COMPLETE ASSEMBLY								
822-F2PNR	822-F2ANR	Round nickel bronze	2" x 3"	5 1/2"	1"-2"	B*	1	1
822-F2PSR	822-F2ASR	Round 304 stainless	2" x 3"	5 1/2"	1"-2"	B*	1	1
822-F2PNQ	822-F2ANQ	Square nickel bronze	2" x 3"	5 1/8"	1 5/16"-2"	B*	1	1
822-F2PSQ	822-F2ASQ	Square 304 stainless	2" x 3"	5 1/8"	1 5/16"-2"	B*	1	1
822-F3PNR	822-F3ANR	Round nickel bronze	3" x 4"	5 1/2"	1"-2"	B*	1	1
822-F3PSR	822-F3ASR	Round 304 stainless	3" x 4"	5 1/2"	1"-2"	B*	1	1
822-F3PNQ	822-F3ANQ	Square nickel bronze	3" x 4"	5 1/8"	1 5/16"-2"	B*	1	1
822-F3PSQ	822-F3ASQ	Square 304 stainless	3" x 4"	5 1/8"	1 5/16"-2"	B*	1	1
ACCESSORIES								
832-S3		Shim kit for Finish Line Halo: two shims, two 3/4" screws	B	1	10			
863-FA		Round aluminum condensate funnel with screws	B	1	5			
863-FN		Round ni-brnz condensate funnel with screws	B	1	5			
822-EX3		Ductile iron extension nipple fits under Halo head or Finish Line coring sleeve	B	1	1			
822-TB		Thread bushing for Halo head	B	1	1			

Quad Drain™

General Purpose Floor Drain

- Low profile design
- Standard hub, or full-slip connections available to fit 2" and 3" Sch. 40 pipe
- Full-slip connections allow adjust-to-grade installations. Full-slip models are gray PVC
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas
- Ductile iron strainers for heavy-duty applications
- Square strainers are great for floor tile



Adhesive debris cover protects drain during pour and removes with no residue.



841-2P



841-29PNQ

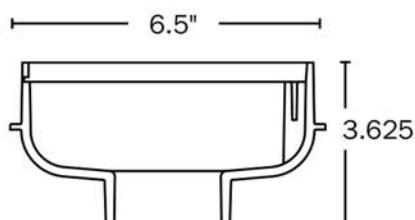
[CLICK FOR SUBMITTAL](#)

Options: Add letter suffix.

H - 2" FIP threaded drain throat for stand pipe \$12.00

PVC Item No	ABS Item No	Connection	Strainer Pattern	Pkg	Min Qty	Case Qty
POLYPRO STRAINER						
841-2P	841-2A	2" x 3"	Round	B*	12	12
841-2PPK	841-2APK	2" x 3"	Round	B*	6	6
841-29P	—	2" full-slip ¹	Round	B*	12	12
841-29PL	—	2" full-slip ¹	Round, less screw	B*	12	12
841-39P	—	3" full-slip ¹	Round	B*	12	12
841-39PL	—	3" full-slip ¹	Round, less screw	B*	12	12
NICKEL BRONZE RING & STRAINER						
841-2PNR	841-2ANR	2" x 3"	Round	B*	1	6
841-29PNR	—	2" full-slip ¹	Round	B*	1	1
841-39PNR	—	3" full-slip ¹	Round	B*	1	2
841-2PNQ	841-2ANQ	2" x 3"	Square	B*	1	2
841-29PNQ	—	2" full-slip ¹	Square	B*	1	1
841-39PNQ	—	3" full-slip ¹	Square	B*	1	2
304 STAINLESS STEEL RING & STRAINER						
841-2PSR	841-2ASR	2" x 3"	Round	B*	1	2
841-29PSR	—	2" full-slip ¹	Round	B*	1	2
841-39PSR	—	3" full-slip ¹	Round	B*	1	2
841-2PSQ	841-2ASQ	2" x 3"	Square	B*	1	2
841-29PSQ	—	2" full-slip ¹	Square	B*	1	2
841-39PSQ	—	3" full-slip ¹	Square	B*	1	2
DUCTILE IRON RING & STRAINER						
841-2PiR	841-2AiR	2" x 3"	Round	B*	1	2
841-29PiR	—	2" full-slip ¹	Round	B*	1	1
841-39PiR	—	3" full-slip ¹	Round	B*	1	2

¹ Full slip models are gray PVC.



Downspout Nozzle

» For Roof Drains



Effective

Nozzles divert water away from the building wall to prevent unsightly water stains

Available in 3" – 8" sizes with No-Hub or FIP thread connection

Quality

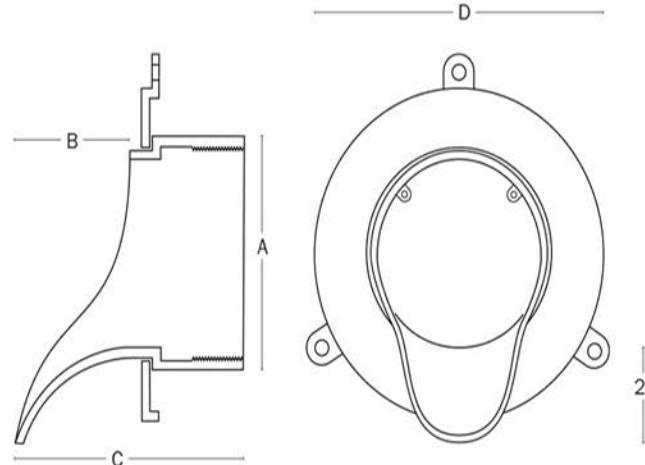
Cast nickel-bronze material. Escutcheon/ring included to provide a clean, secure appearance



DIMENSIONS

Size:	3"	4"	6"	8"
A: Connection OD				
No-Hub	3 $\frac{3}{8}$ "	4 $\frac{3}{8}$ "	6 $\frac{5}{8}$ "	8 $\frac{3}{8}$ "
FIP	3 $\frac{7}{8}$ "	4 $\frac{7}{8}$ "	6 $\frac{7}{8}$ "	8 $\frac{7}{8}$ "
B: Lip extension	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	3"	3"
C: Overall Length	5 $\frac{1}{2}$ "	5 $\frac{1}{2}$ "	5 $\frac{3}{4}$ "	6 $\frac{1}{4}$ "
D: Flange diameter	6"	7"	9"	11"

[CLICK FOR SUBMITTAL](#)



868-N3H



868-N4H



868-N6F



868-N8F

» Buying Information

ITEM NO.	DESCRIPTION	PKG.	MIN. QTY.	CASE QTY.
NO-HUB CONNECTION				
868-N3H	3" No-Hub connection nickel-bronze downspout nozzle with ring/escutcheon	B	1	1
868-N4H	4" No-Hub connection nickel-bronze downspout nozzle with ring/escutcheon	B	1	1
868-N6H	6" No-Hub connection nickel-bronze downspout nozzle with ring/escutcheon	B	1	1
868-N8H	8" No-Hub connection nickel-bronze downspout nozzle with ring/escutcheon	B	1	1
FIP THREAD CONNECTION				
868-N3F	3" FIP thread connection nickel-bronze downspout nozzle with ring/escutcheon	B	1	1
868-N4F	4" FIP thread connection nickel-bronze downspout nozzle with ring/escutcheon	B	1	1
868-N6F	6" FIP thread connection nickel-bronze downspout nozzle with ring/escutcheon	B	1	1
868-N8F	8" FIP thread connection nickel-bronze downspout nozzle with ring/escutcheon	B	1	1
BIRD/PROTECTION SCREEN				
868-NS3	3" bird screen with screws	B	1	1
868-NS4	4" bird screen with screws	B	1	1
868-NS6	6" bird screen with screws	B	1	1
868-NS8	8" bird screen with screws	B	1	1

PACKAGING:

B = Bulk

C = Cut Case

I = Individually Bar-Coded

ProCheck™

» Backwater Valve



Versatile

Valves can be adapted for standard, shallow-depth or deep-bury installations.

Simple

Modular valve design allows for interchangeable accessories. Less shelf space, fewer parts/pieces, always the right size.

Durable

Designed and made in the USA. Structurally rugged and molded from engineered resins to stand up to job site abuse.

Dependable

The unique flapper creates a positive seal, even at lower backpressures, when other types of flappers can leak.

Features & Benefits

Versatile

We designed our ProCheck™ valves to be installed in either shallow or deep-bury installations. All that is needed to convert a standard valve to deep-bury is a single adapter kit. This means that a contractor can buy and stock one type of valve and be confident of having the right part for either application.



Simple

The modular design of the 3" and 4" valves makes for many interchangeable accessories. The valve lid, access sleeve, sleeve collar, sleeve lid and deep-bury adapter kit will all fit both 3" and 4" valves. The contractor can buy and carry fewer items while still having all the necessary accessories.



Durable

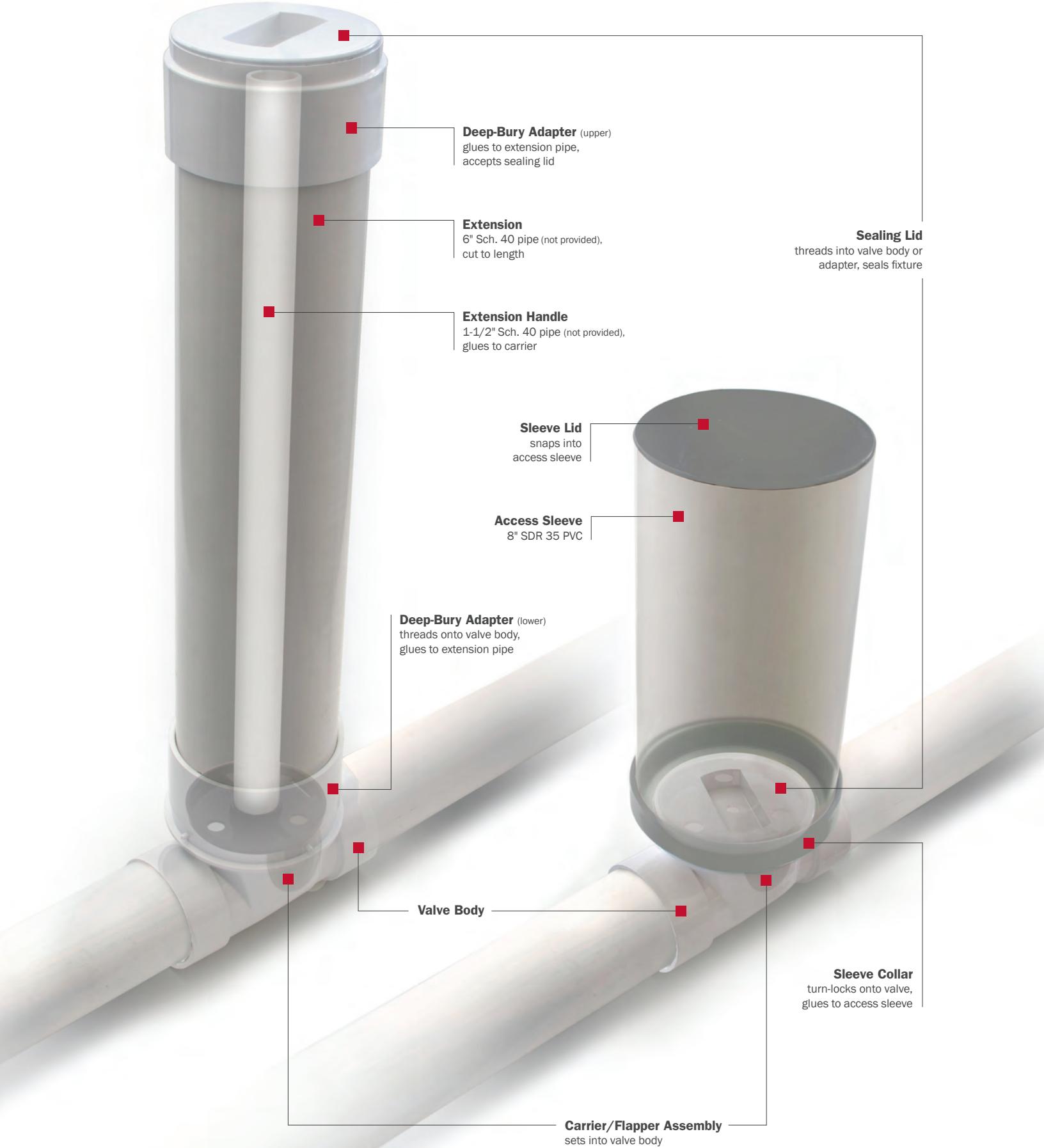
We have engineered ProCheck backwater valves for quality in every detail. They are designed to take the abuse of a typical ground-rough job site. We use specially formulated, engineered resins to mold the valves in our on-site injection presses, right here in the USA.



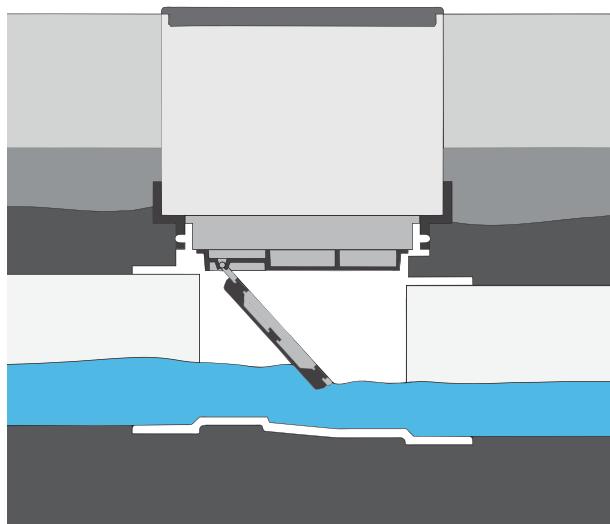
Dependable

The ProCheck backwater valve has been designed with care and precision. For example, the integrally molded sealing surface on the face of the flapper seals watertight, even at lower backpressures. In contrast, the typical O-ring type flappers can leak, leaving property vulnerable to sewer backup. As backpressure increases, the ProCheck flapper seal only becomes tighter.





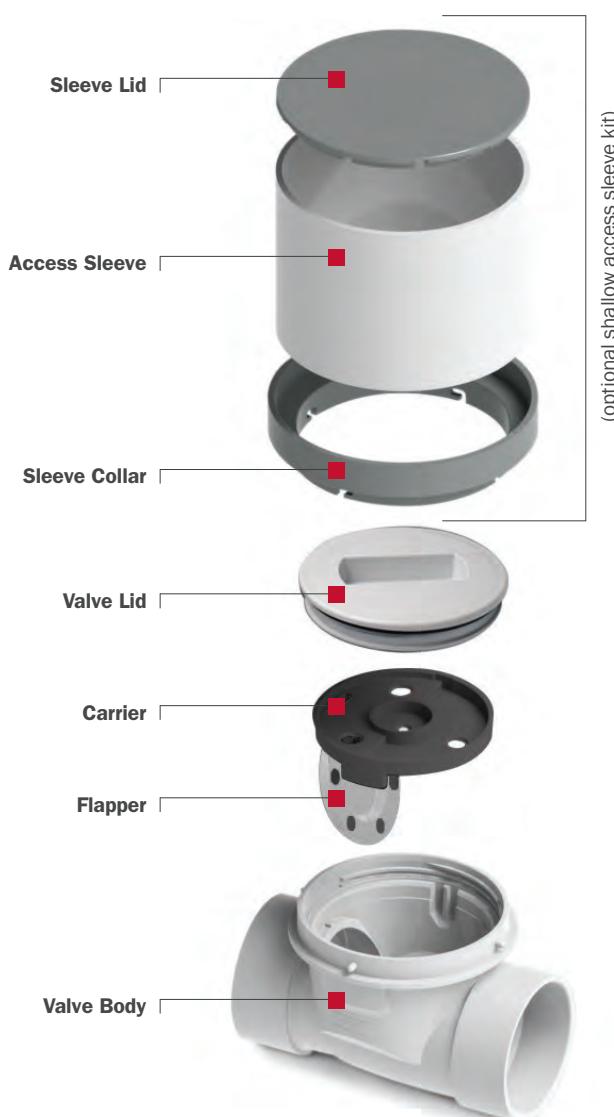
Shallow Installations



When installing the ProCheck backwater valve, we recommend the following steps:

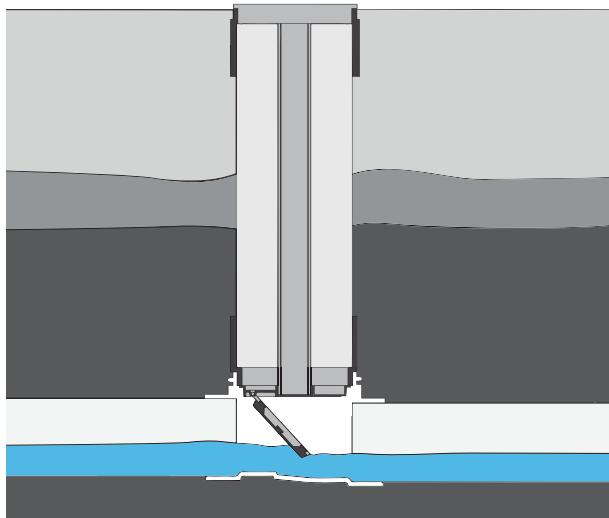
1. During the ground-rough phase, solvent-weld the valve to the 3" or 4" Sch. 40 drain line on the downstream side of the fixture(s) to be protected. To protect the sealing surfaces, the flapper/carrier should be removed during construction. Next thread the valve lid (with O-ring seal) onto the valve body, sealing the system.
2. The shallow access sleeve kit is often installed to provide access to the valve after installation. Before the floor slab is poured, solvent-weld the access sleeve (8" SDR 35 PVC) to the sleeve collar, and turn-lock the sleeve collar to the valve body. The slab will be poured over the DWV system and around the access sleeve. After the slab hardens, cut the sleeve to the intended height, flush with the floor, and snap on the sleeve lid.
3. Install flapper/carrier before final inspection. To access the flapper after installation, remove the sleeve lid and unscrew the threaded valve lid. The flapper/carrier can then be removed. Regularly inspect the flapper and sealing surfaces on the valve for debris, buildup or any damage that would prevent the flapper from sealing properly. If damaged, replace the flapper or carrier. After inspection or maintenance, replace any defective parts to ensure proper function (flapper swings freely, gasket-side faces upstream, etc).

By "shallow" we mean those installations where the valve is located on the horizontal sewer line, no more than 18" or so below the surface. The valve is typically located within the footprint of the building itself, usually in the basement or garage area. Since the flapper must be accessible after installation, it needs to be positioned within arm's reach. The valve itself is sealed with a threaded lid and the optional sleeve is used to provide access to the lid and flapper after installation.



Note: E. Coli and other harmful bacteria are present in sewer lines. Wear gloves and safety glasses and be sure to take necessary sanitary precaution when inspecting an installed backwater valve.

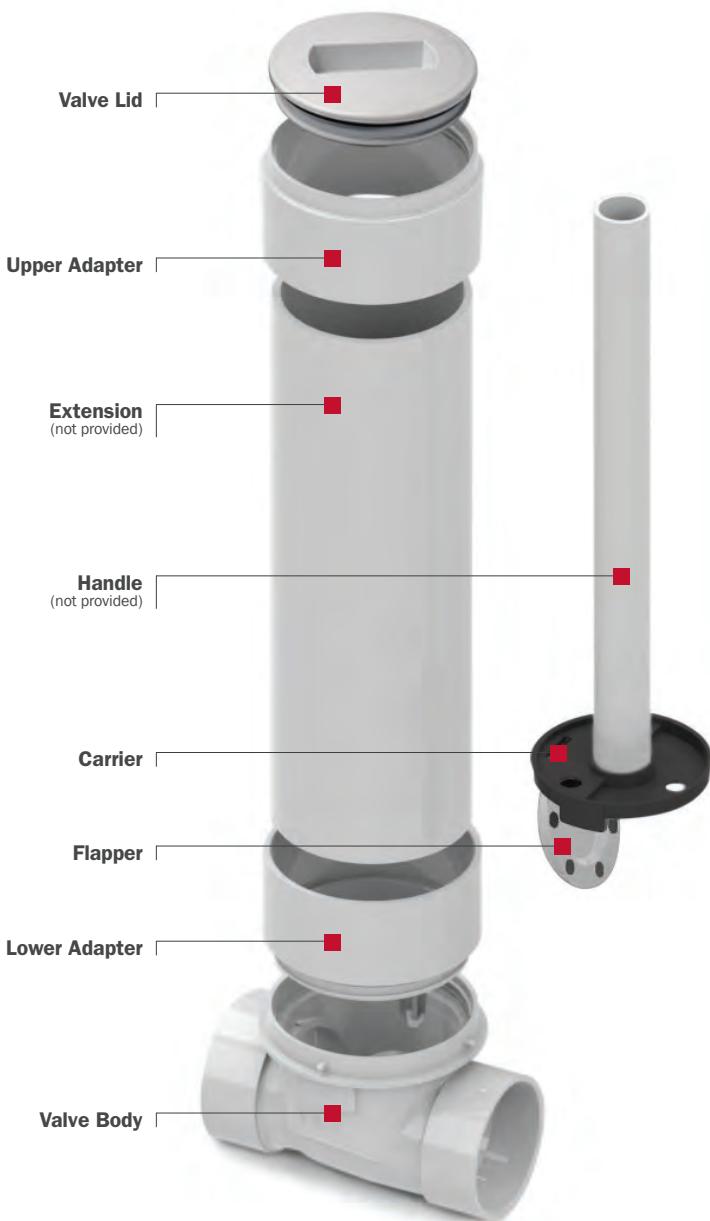
Deep-Bury Installations



When installing the ProCheck backwater valve, we recommend the following steps:

1. During the ground-rough phase, solvent-weld the valve to the 3" or 4" Sch. 40 drain line on the downstream side of the fixture(s) to be protected. To protect the sealing surfaces, the flapper/carrier should be removed during construction.
2. After the valve is connected to the drainage line, measure a piece of 6" Sch. 40 pipe to bring the point of access to ground level. Then solvent-weld the pipe between the upper and lower deep-bury adapters. This extension assembly threads into the valve. Solvent-weld a piece of 1-1/2" Sch. 40 pipe (cut 1-5/8" longer than the 6" sleeve) into the socket on the top of the flapper/carrier. The flapper/carrier with extension handle lowers through the 6" sleeve and into the valve. Install the threaded valve lid (included with the valve) into the upper deep-bury adapter, sealing the system.
3. To access the flapper after installation, remove the threaded lid. Using the extension handle, carefully pull the flapper and carrier through the sleeve. Regularly inspect the flapper for debris, buildup or any damage that would prevent the flapper from sealing properly. If damaged, replace the flapper or carrier. After inspection or maintenance, replace the flapper/carrier and tighten the threaded lid.

By "deep-bury" we mean those installations where the valve is too deep to be reached by hand. Deep-bury installations are often located outside the building footprint. At Sioux Chief, we have designed the ProCheck backwater valve to allow for simple conversion to "deep-bury" installation.



Additional Features



Positive Alignment

At Sioux Chief we have marked ProCheck's carrier with flow-direction symbols and designed it with two different-sized keys. The keys will only fit into the valve body when correctly aligned. In deep-bury situations, this helps prevent improper installation of the flapper.



Easy Access

We have designed the valve lid's tool notch to accept a standard 2 x 4. This makes it easier to remove after installation. Made from HDPE, the valve lid is impact resistant — even at low temperatures — and impervious to most solvents and glues.



Permanent Seal

The unique flapper design uses overmolding to produce a much larger sealing surface than a typical O-ring. In addition, the permanently attached flapper seal will not become dislodged and fail after installation.



869-S3P



869-S3AS



869-S3PS



869-S4P



869-S4A



869-S4PDB

» Buying Information

ITEM NO.	DESCRIPTION	U/M	PKG.	MIN. QTY.	CASE QTY.
EXTENDABLE SHALLOW-OR-DEEP BACKWATER VALVES					
869-S3A	3" ABS Backwater Valve	EA	B*	4	4
869-S3APK	3" ABS Backwater Valve	EA	C*	2	2
869-S3AS	3" ABS Backwater Valve W/ 16" Shallow Access Sleeve Kit	EA	B*	1	1
869-S3P	3" PVC Backwater Valve	EA	B*	4	4
869-S3PPK	3" PVC Backwater Valve	EA	C*	2	2
869-S3PS	3" PVC Backwater Valve W/ 16" Shallow Access Sleeve Kit	EA	B*	1	1
869-S4A	4" ABS Backwater Valve	EA	B*	4	4
869-S4APK	4" ABS Backwater Valve	EA	C*	2	2
869-S4AS	4" ABS Backwater Valve W/ 16" Shallow Access Sleeve Kit	EA	B*	1	1
869-S4P	4" PVC Backwater Valve	EA	B*	4	4
869-S4PPK	4" PVC Backwater Valve	EA	C*	2	2
869-S4PS	4" PVC Backwater Valve W/ 16" Shallow Access Sleeve Kit	EA	B*	1	1
869-SF3	Flapper & Carrier For 3" Backwater Valve	EA	B*	10	10
869-SF4	Flapper & Carrier For 4" Backwater Valve	EA	B*	10	10
869-SSL	Turn-Lock Collar & Lid for 16" Shallow Access Sleeve	EA	B*	4	4
869-SSK	Shallow Access Sleeve Kit – Collar/Sleeve/Lid	EA	B*	1	1
869-SVLB	Threaded Lid For Backwater Valve, Black W/ O-Ring	EA	B*	10	10
869-SVLW	Threaded Lid For Backwater Valve, White W/ O-Ring	EA	B*	10	10
869-S4ADB	Upper & Lower Deep-Bury Adapters – ABS (for use with 3" or 4" backwater valves purchased separately)	EA	B*	1	1
869-S4PDB	Upper & Lower Deep-Bury Adapters – PVC (for use with 3" or 4" backwater valves purchased separately)	EA	B*	1	1
STANDARD SHALLOW BACKWATER VALVES					
869-2A	2" ABS Backwater Valve	EA	B	1	8
869-2P	2" PVC Backwater Valve	EA	B	1	8
869-23	Access Sleeve Kit For 2" Valve – Collar/Sleeve/Lid	EA	B	1	1
869-6A	6" ABS Backwater Valve	EA	B	1	1
869-6P	6" PVC Backwater Valve	EA	B	1	1
869-6A1	Threaded Lid For 6" Valve, Black W/ O-Ring	EA	B	1	2
869-6P1	Threaded Lid For 6" Valve, White W/ O-Ring	EA	B	1	2
869-60	O-Ring For 6" Threaded Lid	EA	B	1	10
869-61	Flapper & O-Ring For 6" Valve	EA	B	1	10
869-63	Access Sleeve Lid For 6" Valve	EA	B	1	15

**CLICK FOR SUBMITTAL**

24110 South Peculiar Drive

Peculiar, Missouri 64078

P 1.800.821.3944

F 1.800.758.5950

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PACKAGING:

B = Bulk

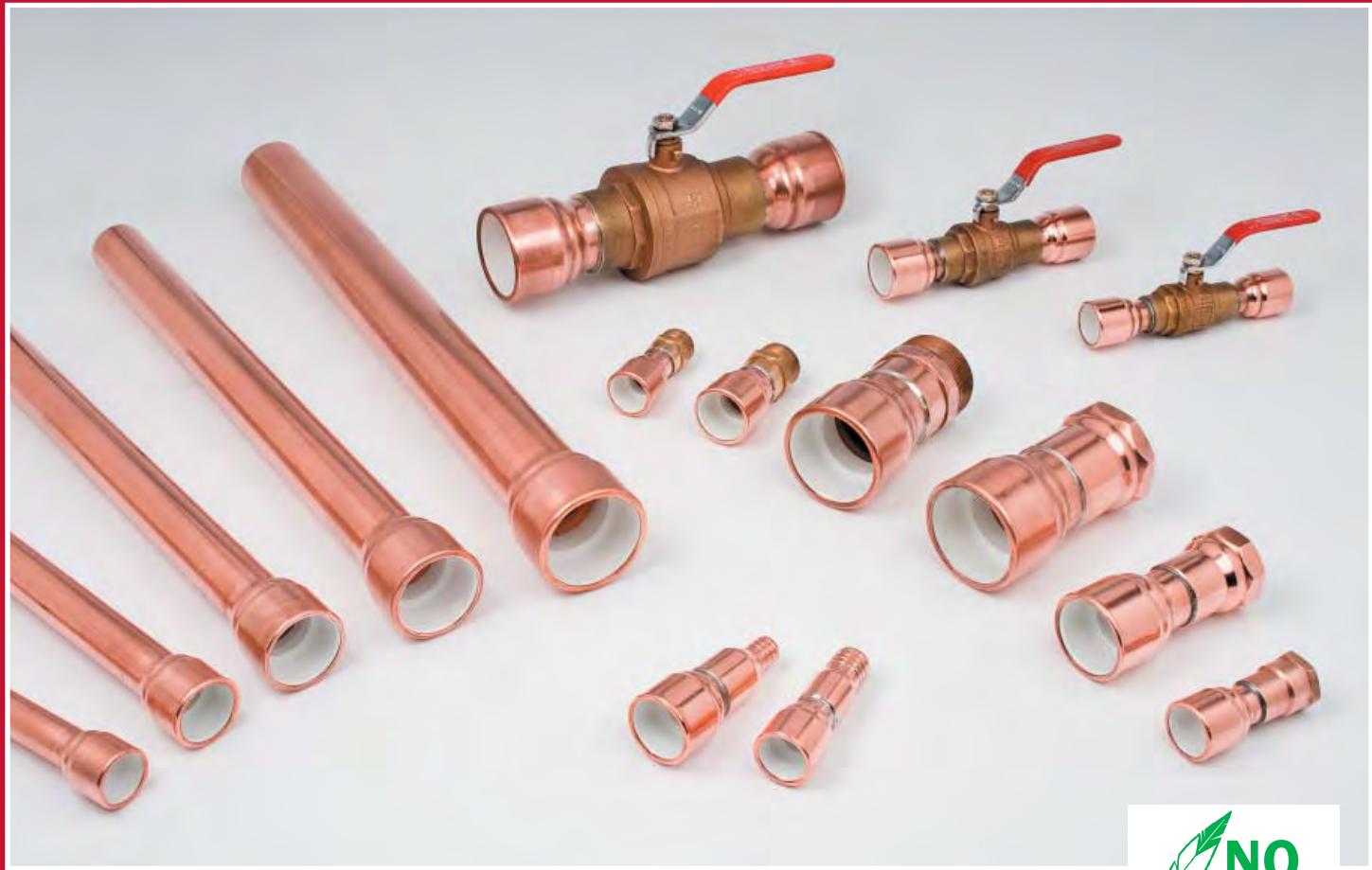
C = Cut Case

* Individually Bar-Coded

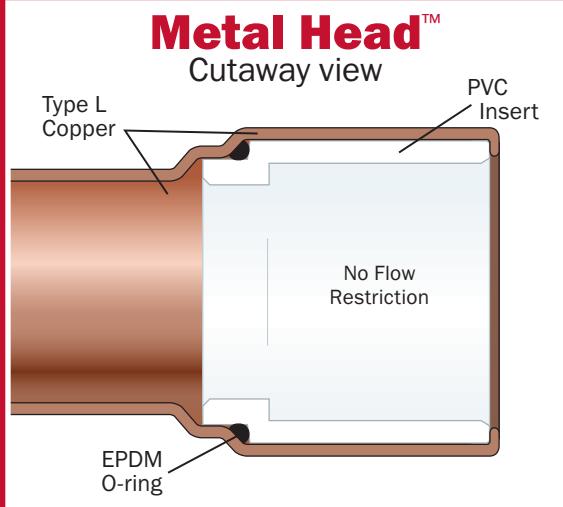


Metal Head™

PVC Transition Fittings



Metal Head™ Cutaway view



- **UNIQUE**

Design provides full flow with no restriction through the fitting

Copper tube surrounds and protects PVC insert, for more durable connections vs. other transition fittings

- **COMPATIBLE**

Fittings conform to ASTM F 1970, and are designed for use with PVC Sch. 40 pipe and fittings conforming to ASTM D 2466

- **QUALITY**

All fittings are 100% production tested for leak proof connections



Supply • Access • Drainage • Testing • Support • Specialties • Tools

**Sioux
Chief**
MANUFACTURING SINCE 1957

Product Update – New design

CPVC Ball Valves

Date: July 2017

Sioux Chief has updated and improved the design of the CPVC ball valve offering. Ball valves with CPVC connections will no longer use a copper extension surrounding the CPVC socket.

The CPVC socket in new style valves will be enclosed in the brass valve body itself, making the product more compact, more consistent and easier to manufacture. This change will also affect all items/products that have a CPVC valve incorporated into them, such as water heater connectors.



Item No	Description	Length	Pkg	Min Qty	Case Qty
---------	-------------	--------	-----	---------	----------

FULL PORT

Item No	Description	Length	Pkg	Min Qty	Case Qty
648-CG2FP	1/2" CPVC	2 3/4"	B	10	10
648-CG3FP	3/4" CPVC	3 1/4"	B	10	10
648-CG4FP	1" CPVC	4"	B	10	10
648-CG5FP	1 1/4" CPVC	8 1/4"	B	5	5
648-CG6FP	1 1/2" CPVC	10"	B	1	1
648-CG7FP	2" CPVC	11 1/2"	B	1	1

Patriot PEX Transition Fittings

Sioux Chief has the widest and most complete line of transition fittings for PEX and CPVC in the industry. All Sioux Chief products, including Patriot PEX™ and Metal Head™ transition fittings are covered by a lifetime warranty.

 Standard & No Lead models available

Water Heater
Connectors



Sweat
Adapters



Tub/Shower
Connectors

Thread
Adapters



Couplings



Crimp Rings



Stub Out Elbows



 Standard & No Lead models available

Stub Out
Elbows



Tub/Shower
Connectors

Water Hammer
Arresters



PEX Adapters



Thread
Adapters



Valves



Water Heater
Connectors



Sweat Adapters

DISTRIBUTED BY

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Peculiar, Missouri 64078
tel: 1-800-821-3944
fax: 1-800-758-5950
www.siouxchief.com

**Sioux
Chief**
MANUFACTURING SINCE 1957



PowerPEX®

» PEX Tube Buying Information



Complete

PEX-B & PEX-A tubing

½" – 2", Red/White/Blue PEX-B & Natural PEX-A

Coils & Lengths, Barrier & Standard

Compatible with ASTM F1807/F2159/F1960/F2080
and ASSE 1061 fitting systems

Warranted

PowerPEX® tube carries a 25 year warranty on material & workmanship. See www.siouxchief.com for warranty details.

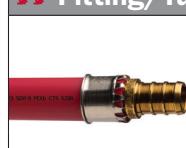
PowerPEX® tube can be mixed with other manufacturers' compatible tube & fittings systems.

Made In America

PowerPEX® tubing is proudly made in America.

PowerPEX® Type-B Tube

» Type-B Stick Bundles*			
ITEM NO.	DESCRIPTION	U/M	MIN. QTY.
10-ft Stick Bundles			
664X2B10	PEX Tube ½" Blue 10-ft Lengths 50/Bag (500-ft Per Bag)	BG	1
664X2R10	PEX Tube ½" Red 10-ft Lengths 50/Bag (500-ft Per Bag)	BG	1
664X2W10	PEX Tube ½" White 10-ft Lengths 50/Bag (500-ft Per Bag)	BG	1
664X3B10	PEX Tube ¾" Blue 10-ft Lengths 25/Bag (250-ft Per Bag)	BG	1
664X3R10	PEX Tube ¾" Red 10-ft Lengths 25/Bag (250-ft Per Bag)	BG	1
664X3W10	PEX Tube ¾" White 10-ft Lengths 25/Bag (250-ft Per Bag)	BG	1
664X4W10	PEX Tube 1" White 10-ft Lengths 15/Bag (150-ft Per Bag)	BG	1
20-ft Stick Bundles			
664X2B20	PEX Tube ½" Blue 20-ft Lengths 50/Bag (1000-ft Per Bag)	BG	1
664X2R20	PEX Tube ½" Red 20-ft Lengths 50/Bag (1000-ft Per Bag)	BG	1
664X2W20	PEX Tube ½" White 20-ft Lengths 50/Bag (1000-ft Per Bag)	BG	1
664X3B20	PEX Tube ¾" Blue 20-ft Lengths 25/Bag (500-ft Per Bag)	BG	1
664X3R20	PEX Tube ¾" Red 20-ft Lengths 25/Bag (500-ft Per Bag)	BG	1
664X3W20	PEX Tube ¾" White 20-ft Lengths 25/Bag (500-ft Per Bag)	BG	1
664X4B20	PEX Tube 1" Blue 20-ft Lengths 15/Bag (300-ft Per Bag)	BG	1
664X4R20	PEX Tube 1" Red 20-ft Lengths 15/Bag (300-ft Per Bag)	BG	1
664X4W20	PEX Tube 1" White 20-ft Lengths 15/Bag (300-ft Per Bag)	BG	1
664X5W20	PEX Tube 1¼" White 20-ft Lengths 10/Bag (200-ft Per Bag)	BG	1
664X6W20	PEX Tube 1½" White 20-ft Lengths 8/Bag (160-ft Per Bag)	BG	1
664X7W20	PEX Tube 2" White 20-ft Lengths 5/Bag (100-ft Per Bag)	BG	1
» Type-B Coils			
ITEM NO.	DESCRIPTION	U/M	MIN. QTY.
100-ft Coils			
665X8W100	PEX Tube ⅛" White 100-ft Coil	CL	1
665X0W100	PEX Tube ¼" White 100-ft Coil	CL	1
665X1B100	PEX Tube ⅜" Blue 100-ft Coil	CL	1
665X1R100	PEX Tube ⅜" Red 100-ft Coil	CL	1
665X1W100	PEX Tube ⅜" White 100-ft Coil	CL	1
665X2B100	PEX Tube ½" Blue 100-ft Coil	CL	1
665X2R100	PEX Tube ½" Red 100-ft Coil	CL	1
665X2W100	PEX Tube ½" White 100-ft Coil	CL	1
665X3B100	PEX Tube ¾" Blue 100-ft Coil	CL	1
665X3R100	PEX Tube ¾" Red 100-ft Coil	CL	1
665X3W100	PEX Tube ¾" White 100-ft Coil	CL	1
665X4B100	PEX Tube 1" Blue 100-ft Coil	CL	1
665X4R100	PEX Tube 1" Red 100-ft Coil	CL	1
665X4W100	PEX Tube 1" White 100-ft Coil	CL	1
665X5W100	PEX Tube 1¼" White 100-ft Coil	CL	1
665X6W100	PEX Tube 1½" White 100-ft Coil	CL	1
665X7W100	PEX Tube 2" White 100-ft Coil	CL	1
100-ft Coils, O₂ Barrier			
665X2H100	Barrier PEX Tube ½" Orange 100-ft Coil	CL	1
665X3H100	Barrier PEX Tube ¾" Orange 100-ft Coil	CL	1
665X4H100	Barrier PEX Tube 1" Orange 100-ft Coil	CL	1

» Type-B Coils Cont.			
ITEM NO.	DESCRIPTION	U/M	MIN. QTY.
300-ft Coils			
665X2B300	PEX Tube ½" Blue 300-ft Coil	CL	1
665X2R300	PEX Tube ½" Red 300-ft Coil	CL	1
665X2W300	PEX Tube ½" White 300-ft Coil	CL	1
665X3B300	PEX Tube ¾" Blue 300-ft Coil	CL	1
665X3R300	PEX Tube ¾" Red 300-ft Coil	CL	1
665X3W300	PEX Tube ¾" White 300-ft Coil	CL	1
665X4B300	PEX Tube 1" Blue 300-ft Coil	CL	1
665X4R300	PEX Tube 1" Red 300-ft Coil	CL	1
665X4W300	PEX Tube 1" White 300-ft Coil	CL	1
665X5W300	PEX Tube 1¼" White 300-ft Coil	CL	1
665X6W300	PEX Tube 1½" White 300-ft Coil	CL	1
300-ft Coils, O₂ Barrier			
665X2H300	Barrier PEX Tube ½" Orange 300-ft Coil	CL	1
665X3H300	Barrier PEX Tube ¾" Orange 300-ft Coil	CL	1
500-ft Coils			
665X2B500	PEX Tube ½" Blue 500-ft Coil	CL	1
665X2R500	PEX Tube ½" Red 500-ft Coil	CL	1
665X2W500	PEX Tube ½" White 500-ft Coil	CL	1
665X3B500	PEX Tube ¾" Blue 500-ft Coil	CL	1
665X3R500	PEX Tube ¾" Red 500-ft Coil	CL	1
665X3W500	PEX Tube ¾" White 500-ft Coil	CL	1
665X4B500	PEX Tube 1" Blue 500-ft Coil	CL	1
665X4R500	PEX Tube 1" Red 500-ft Coil	CL	1
665X4W500	PEX Tube 1" White 500-ft Coil	CL	1
500-ft Coils, O₂ Barrier			
665X2H500	Barrier PEX Tube ½" Orange 500-ft Coil	CL	1
665X4H500	Barrier PEX Tube 1" Orange 500-ft Coil	CL	1
1000-ft Coils			
665X2B1000	PEX Tube ½" Blue 1000-ft Coil	CL	1
665X2R1000	PEX Tube ½" Red 1000-ft Coil	CL	1
665X2W1000	PEX Tube ½" White 1000-ft Coil	CL	1
665X3B1000	PEX Tube ¾" Blue 1000-ft Coil	CL	1
665X3R1000	PEX Tube ¾" Red 1000-ft Coil	CL	1
665X3W1000	PEX Tube ¾" White 1000-ft Coil	CL	1
1000-ft Coils, O₂ Barrier			
665X2H1000	Barrier PEX Tube ½" Orange 1000-ft Coil	CL	1
665X9H1000	Barrier PEX Tube ½" Orange 1000-ft Coil	CL	1
Fitting/Tube Compatibility			
	FITTING TYPE	PEX-B	PEX-A
	F1807	■	■
	F2159	■	■
	F1960	■	■
	F2080	■	■

PowerPEX®

ASTM F1960 Grip™

» Buying Information



» PowerPEX® ASTM F1960 Grip™

CATEGORY	ITEM NO.	DESCRIPTION					MIN. CASE QTY.	QTY.
POWERPEX TUBE, STRAIGHT LENGTHS								
	664XA2N5	PEX Tube A	1/2"	Natural	5'	20/Bag	1	1
	664XA3N5	PEX Tube A	3/4"	Natural	5'	10/Bag	1	1
	664XA4N5	PEX Tube A	1"	Natural	5'	5/Bag	1	1
	664XA6W20	PEX Tube A	1-1/2"	White	20'	8/Bag	1	1
	664XA7W20	PEX Tube A	2"	White	20'	5/Bag	1	1
POWERPEX TUBE, STRAIGHT LENGTHS, OXYGEN BARRIER								
	664XA2N5H	PEX Tube A Barrier	1/2"	Natural	5'	20/Bag	1	1
	664XA3N5H	PEX Tube A Barrier	3/4"	Natural	5'	10/Bag	1	1
	664XA4N5H	PEX Tube A Barrier	1"	Natural	5'	5/Bag	1	1
POWERPEX TUBE, COILS								
	665XA2N100	PEX Tube A	1/2"	Natural	100'		1	1
	665XA2N250	PEX Tube A	1/2"	Natural	250'		1	1
	665XA2N500	PEX Tube A	1/2"	Natural	500'		1	1
	665XA3N100	PEX Tube A	3/4"	Natural	100'		1	1
	665XA3N250	PEX Tube A	3/4"	Natural	250'		1	1
	665XA4N100	PEX Tube A	1"	Natural	100'		1	1
	665XA4N250	PEX Tube A	1"	Natural	250'		1	1
POWERPEX TUBE, COILS, OXYGEN BARRIER								
	665XA3N100H	PEX Tube A Barrier	3/4"	Natural	100'		1	1
	665XA2N300H	PEX Tube A Barrier	1/2"	Natural	300'		1	1
	665XA2N1000H	PEX Tube A Barrier	1/2"	Natural	1000'		1	1
PEX EXPANSION RING								
	649W2	1/2"					50	1000
	649W3	3/4"					50	500
	649W4	1"					25	250
BRASS ELBOW								
	642WG2	1/2"	×	1/2"			25	25
	642WG3	3/4"	×	3/4"			25	25
	642WG4	1"	×	1"			25	25
POLYMER ELBOW								
	642WP2	1/2"	×	1/2"			25	250
	642WP3	3/4"	×	3/4"			25	250
	642WP4	1"	×	1"			10	250

CATEGORY	ITEM NO.	DESCRIPTION					MIN. CASE QTY.	QTY.
BRASS TEE								
	641WG222	1/2"	×	1/2"	×	1/2"	50	50
	641WG223	1/2"	×	1/2"	×	3/4"	20	20
	641WG322	3/4"	×	1/2"	×	1/2"	20	20
	641WG323	3/4"	×	1/2"	×	3/4"	20	20
	641WG332	3/4"	×	3/4"	×	1/2"	20	20
	641WG333	3/4"	×	3/4"	×	3/4"	20	20
	641WG334	3/4"	×	3/4"	×	1"	20	20
	641WG433	1"	×	3/4"	×	3/4"	20	20
	641WG442	1"	×	1"	×	1/2"	20	20
	641WG443	1"	×	1"	×	3/4"	20	20
	641WG444	1"	×	1"	×	1"	20	20
POLYMER TEE								
	641WP222	1/2"	×	1/2"	×	1/2"	25	250
	641WP223	1/2"	×	1/2"	×	3/4"	25	250
	641WP322	3/4"	×	1/2"	×	1/2"	25	250
	641WP323	3/4"	×	1/2"	×	3/4"	25	250
	641WP332	3/4"	×	3/4"	×	1/2"	25	250
	641WP333	3/4"	×	3/4"	×	3/4"	25	250
	641WP443	1"	×	1"	×	3/4"	10	250
	641WP444	1"	×	1"	×	1"	10	250
BRASS COUPLING								
	645WG2	1/2"	×	1/2"			100	100
	645WG3	3/4"	×	3/4"			50	50
	645WG32	3/4"	×	1/2"			50	50
	645WG4	1"	×	1"			25	25
	645WG43	1"	×	3/4"			25	25
POLYMER COUPLING								
	645WP2	1/2"	×	1/2"			25	250
	645WP3	3/4"	×	3/4"			25	250
	645WP32	3/4"	×	1/2"			25	250
	645WP4	1"	×	1"			25	250
	645WP43	1"	×	3/4"			25	250
POLYMER PLUG								
	640WP02	1/2"					25	250
	640WP03	3/4"					25	250
	640WP04	1"					10	250

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CATEGORY	ITEM NO.	DESCRIPTION			MIN. CASE QTY. QTY.	
BRASS STRAIGHT ADAPTER, MSWT x F1960						
	643WG2	1/2" MSWT	×	1/2" F1960	100	100
	643WG23	1/2" MSWT	×	3/4" F1960	50	50
	643WG3	3/4" MSWT	×	3/4" F1960	50	50
	643WG32	3/4" MSWT	×	1/2" F1960	50	50
	643WG4	1" MSWT	×	1" F1960	25	25
	643WG43	1" MSWT	×	3/4" F1960	25	25
	643WG5	1-1/4" MSWT	×	1-1/4" F1960	5	5
	643WG6	1-1/2" MSWT	×	1-1/2" F1960	5	5
	643WG7	2" MSWT	×	2" F1960	5	5
BRASS STRAIGHT ADAPTER, FSWT x F1960						
	644WG2	1/2" FSWT	×	1/2" F1960	100	100
	644WG23	1/2" FSWT	×	3/4" F1960	50	50
	644WG3	3/4" FSWT	×	3/4" F1960	50	50
	644WG32	3/4" FSWT	×	1/2" F1960	50	50
	644WG4	1" FSWT	×	1" F1960	25	25
	644WG43	1" FSWT	×	3/4" F1960	25	25
	644WG5	1-1/4" FSWT	×	1-1/4" F1960	5	5
	644WG6	1-1/2" FSWT	×	1-1/2" F1960	5	5
	644WG7	2" FSWT	×	2" F1960	5	5
BRASS STRAIGHT ADAPTER, MIP x F1960						
	646WG2	1/2" MIP	×	1/2" F1960	100	100
	646WG3	3/4" MIP	×	3/4" F1960	25	25
	646WG32	3/4" MIP	×	1/2" F1960	25	25
	646WG34	3/4" MIP	×	1" F1960	25	25
	646WG4	1" MIP	×	1" F1960	25	25
	646WG43	1" MIP	×	3/4" F1960	25	25
	646WG5	1-1/4" MIP	×	1-1/4" F1960	5	5
	646WG6	1-1/2" MIP	×	1-1/2" F1960	5	5
	646WG7	2" MIP	×	2" F1960	5	5
POLYMER STRAIGHT ADAPTER, MIP x F1960						
	646WP2	1/2" MIP	×	1/2" F1960	25	250
	646WP32	3/4" MIP	×	1/2" F1960	25	250
BRASS STRAIGHT ADAPTER, FIP x F1960						
	647WG2	1/2" FIP	×	1/2" F1960	50	50
	647WG23	1/2" FIP	×	3/4" F1960	50	50
	647WG3	3/4" FIP	×	3/4" F1960	50	50
	647WG32	3/4" FIP	×	1/2" F1960	25	25
	647WG4	1" FIP	×	1" F1960	25	25
	647WG43	1" FIP	×	3/4" F1960	25	25
	647WG5	1-1/4" FIP	×	1-1/4" F1960	5	5
	647WG6	1-1/2" FIP	×	1-1/2" F1960	5	5
	647WG7	2" FIP	×	2" F1960	5	5

CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY.	QTY.
TUB SHOWER ELBOW, FIP × F1960				
	647WG2E3	1/2" FIP × 1/2" F1960, Drop-3-Ear Elbow	50	50
	647WG2E3PK1	1/2" FIP × 1/2" F1960, Drop-3-Ear Elbow, 1/Bag**	10	10
STRAIGHT ADAPTER COUPLING, CPVC SOCKET × F1960				
	645WGC2	1/2" CPVC × 1/2" F1960	50	50
	645WGC3	3/4" CPVC × 3/4" F1960	50	50
	645WGC4	1" CPVC × 1" F1960	20	20
	645WGC5	1-1/4" CPVC × 1-1/4" F1960	5	5
	645WGC6	1-1/2" CPVC × 1-1/2" F1960	5	5
	645WGC7	2" CPVC × 2" F1960	5	5
STRAIGHT ADAPTER COUPLING, PVC SOCKET × F1960				
	645WG3P	3/4" PVC × 3/4" F1960	50	50
	645WG4P	1" PVC × 1" F1960	20	20
BRASS ELBOW, MIP × F1960				
	632WG222M	1/2" F1960 × 1/2" MIP	50	50
POLYMER ELBOW, MIP × F1960				
	632WP222M	1/2" F1960 × 1/2" MIP	25	250
BRASS ELBOW, SWEAT × F1960				
	632WG332	3/4" F1960 × 3/4" MSWT	25	25
	632WG335	3/4" F1960 × 3/4" FSWT	25	25

** PK items are individually barcoded

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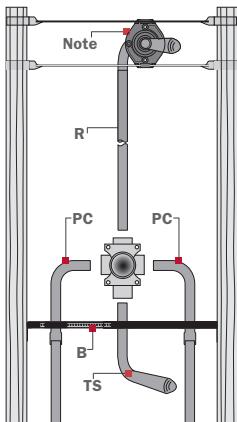
CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY.	QTY.
POLYMER STRAIGHT FAUCET CONNECTOR				
	637WP20	1/2" F1960 × 1/2" FIP	25	250
POLYMER ELBOW FAUCET CONNECTOR				
	637WP25	1/2" F1960 × 1/2" FIP	25	250
STUB OUT ELBOW				
	630WG2138	1/2" (13" × 8")	50	50
	630WG2412	1/2" (4" × 12")	50	50
	630WG248	1/2" (4" × 8")	50	50
	630WG348	3/4" (4" × 8")	25	25
	630WG4612	1" (6" × 12")	25	25
STUB OUT ELBOW WITH EAR				
	630WG248E	1/2" (4" × 8")	25	25
	630WG348E	3/4" (4" × 8")	25	25
	630WG4612E	1" (6" × 12")	10	10
	630WGD288E	1/2" (8" × 8" Double)	25	25
STUB OUT				
	638WG208	1/2" (8" Long)	50	50
	638WG215	1/2" (15" Long)	50	50
STUB OUT WITH EAR				
	638WG212E	1/2" (12" Long)	50	50

CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY.	CASE QTY.
TUB/SHOWER ELBOW				
	632W273X	1/2" (7" x 3") F1960 x MIP SWVL	50	50
	632WG263	1/2" (6" x 2-1/4") F1960 x MSWT	50	50
	632WG263Y	1/2" (6" x 3") F1960 x FIP SWVL	50	50
WATER HEATER CONNECTOR ELBOW WITH FULL PORT BALL VALVE				
	631WG02FP	3/4" (3" x 6") F1960 x FIP SWVL	12	12
WATER HEATER CONNECTOR, 3/4" L COPPER, RIGID				
	633WG306FP	3/4" (6") F1960 x FIP SWVL W/ FP Valve	10	10
	633WG18	3/4" (18") F1960 x FIP SWVL	25	25
	633WG18FP	3/4" (18") F1960 x FIP SWVL W/ FP Valve	10	10
	633WG18FPT	3/4" (18") F1960 x FIP SWVL W/ FP Valve	10	10
	633WG18PK1	3/4" (18") F1960 x FIP SWVL**	10	10
WATER HEATER CONNECTOR 3/4" COPPER, CORRUGATED				
	634WG418	3/4" (18") F1960 x FIP SWVL	25	25
	634WG418FP	3/4" (18") F1960 x FIP SWVL W/ FP Valve	25	25
FULL PORT BALL VALVE				
	648WG2FPPK1	1/2"**	10	100
	648WG3FPPK1	3/4"**	10	100
	648WG3FPD	3/4" W/ Drain**	6	6
	648WG4FPPK1	1"**	12	60
	648WG5FP	1-1/4"	5	5
	648WG6FP	1-1/2"	1	1
	648WG7FP	2"	1	1
1/4-TURN SUPPLY STOP				
	129-G2W0C	1/2" F1960 x 1/4" Comp., Straight	24	144
	129-G2W1C	1/2" F1960 x 3/8" Comp., Straight	24	144
	130-G2W0C	1/2" F1960 x 1/4" Comp., Angle	24	144
	130-G2W1C	1/2" F1960 x 3/8" Comp., Angle	24	144

** PK items are individually barcoded

» PowerPEX® ASTM F1960 Grip™

CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY.	QTY.
LAVATORY STUB OUT KIT WITH STRONGARM BRACKET				
	689WG3202	1/2" F1960 (Qty: 2) W/ 16" Bracket	12	12
	689WG3212	1/2" F1960 (Qty: 2) W/ 24" Bracket	12	12
WATER HEATER STUB OUT KIT WITH STRONGARM BRACKET				
	689WG5103	3/4" F1960 (Qty: 2) W/ 16" Bracket	12	12
	689WG5113	3/4" F1960 (Qty: 2) W/ 24" Bracket	12	12
STUB OUT KIT WITH STRONGARM BRACKET				
	689WG2201	1/2" F1960 W/ 16" Bracket	12	12
	689WG2211	1/2" F1960 W/ 24" Bracket	12	12
SHOWER ARM STUB OUT KIT WITH STRONGARM BRACKET & WALLNUT LOCKBLOCK				
	689WG2291	1/2" F1960 W/ 16" Bracket	12	12

CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY. QTY.	
WATER HEATER CONNECTOR KIT				
	694WG71022091	Kit Includes: - 3" x 6" ELBOW - FIP SWVL x F1960 (631WG02FP) - 18" FIP SWVL x F1960 (633WG18) - 15" FIP SWVL x FIP SWVL W/ MIP Branch (633-G3TM15)	10	10
	694WG71022093	Kit Includes: - 3" x 6" ELBOW - FIP SWVL x F1960 (631WG02FP) - 18" FIP SWVL x F1960 (633WG18) - 11" FIP SWVL x FIP SWVL W/ MIP Branch (633-G3TM11)	10	10
	694WG717720	Kit Includes: - 18" FIP SWVL x F1960 (633WG18) - 18" FIP SWVL x F1960 W/ FP Valve (633WG18FP)	10	10
SHOWERUP KIT				
TS = TUB SPOUT PC = PRESSURE CONNECTORS R = RISER B = BRACKETS	693-01724103	TS: (none), PC: (632W273X), R: (616-630X), B: (PwrBar x2)	12	12
	693-01726101	TS: (none), PC: (632WG273X), R: (608-L2308X), B: (PwrBar & ShwrWNtLkBlk)	12	12
	693-01753103	TS: (none), PC: (632WG263), R: (616-630), B: (PwrBar x2)	12	12
	693-01753203	TS: (none), PC: (632WG263), R: (616-650), B: (PwrBar x2)	12	12
	693-01755101	TS: (none), PC: (632WG263), R: (608-L2308), B: (PwrBar & ShwrWNtLkBlk)	12	12
	693-01755301	TS: (none), PC: (632WG263), R: (608-L2508), B: (PwrBar & ShwrWNtLkBlk)	12	12
	693-01767101	TS: (none), PC: (632WG263Y), R: (608-L2308Y), B: (PwrBar & ShwrWNtLkBlk)	12	12
	693-16713203	TS: (none), PC: (632WG263), R: (616-650), B: (PwrBar x2)	12	12
Note: The Shower WallNut LockBlock™ option should be used with kits having stub out risers. Shower WallNut™ sold separately.	693-04726301	TS: (613-87X), PC: (632WG273X), R: (608-L2508X), B: (PwrBar & ShwrWNtLkBlk)	12	12
	693-33767301	TS: (613-87Y), PC: (632WG263Y), R: (608-L2508Y), B: (PwrBar & ShwrWNtLkBlk)	12	12

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CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY.	QTY.
1" TRUNK, TYPE L COPPER, 3/4" F1960 × SPUN CLOSED				
	672WG0490	4 (1/2") Branches	1	25
	672WG0690	6 (1/2") Branches	1	25
	672WG0890	8 (1/2") Branches	1	25
1" TRUNK, TYPE L COPPER, 3/4" F1960 × 3/4" F1960				
	672WG0499	4 (1/2") Branches	1	25
	672WG0699	6 (1/2") Branches	1	25
	672WG0899	8 (1/2") Branches	1	25
1" TRUNK, TYPE L COPPER, 1" MSWT × SPUN CLOSED				
	672WG0240	2 (1/2") Branches	1	10
	672WG0340	3 (1/2") Branches	1	10
	672WG0440	4 (1/2") Branches	1	10
	672WG0640	6 (1/2") Branches	1	10
	672WG0840	8 (1/2") Branches	1	10
	672WG1040	10 (1/2") Branches	1	10
	672WG1240	12 (1/2") Branches	1	10
1" TRUNK, TYPE L COPPER, 1" CPVC CUP × SPUN CLOSED				
	672WG03C0	3 (1/2") Branches	10	10
	672WG04C0	4 (1/2") Branches	10	10
	672WG06C0	6 (1/2") Branches	10	10
	672WG08C0	8 (1/2") Branches	10	10
1" TRUNK, TYPE L COPPER, 3/4" MSWT × SPUN CLOSED				
	672WG0430	4 (1/2") Branches	1	10
	672WG0630	6 (1/2") Branches	1	10
	672WG0830	8 (1/2") Branches	1	10

CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY.	CASE QTY.
1" TRUNK, TYPE L COPPER, 3/4" MSWT x SPUN CLOSED, WITH BALL VALVES				
	672WV0230	2 (1/2") Branches W/ Ball Valve	1	10
	672WV0330	3 (1/2") Branches W/ Ball Valve	1	10
	672WV0430	4 (1/2") Branches W/ Ball Valve	1	10
	672WV0630	6 (1/2") Branches W/ Ball Valve	1	10
	672WV0830	8 (1/2") Branches W/ Ball Valve	1	10
	672WV1030	10 (1/2") Branches W/ Ball Valve	1	10
	672WV1230	12 (1/2") Branches W/ Ball Valve	1	10
1" TRUNK, TYPE L COPPER, 1" MSWT x 1" MSWT, WITH BALL VALVES				
	672WV0444	4 (1/2") Branches	1	10
	672WV0644	6 (1/2") Branches	1	10
	672WV0844	8 (1/2") Branches	1	10
	672WV1044	10 (1/2") Branches	1	10
TOOLS, ASTM F1960				
	305-W23KIT	Standard Tool Kit (Hand Tool, Case, 1/2" & 3/4" Heads)	1	5
	305-WT	Pipe Expander Tool	1	10
	305-W234KIT	Deluxe Tool Kit (Hand Tool, Case, 1/2" & 3/4" & 1" heads)	1	5
EXPANDER HEADS				
	305-W2H	1/2"	1	20
	305-W3H	3/4"	1	20
	305-W4H	1"	1	20
HYDRARESTER				
	652-AWG	1/2" ASSE-A	1	16
	653-BWG	3/4" ASSE-B	1	16
	654-CWG	1" ASSE-C	1	16

» PowerPEX® ASTM F1960 Grip™

CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY.	CASE QTY.
MINIRESTER TEE				
	660-GTW2B	1/2" ASSE-AA	25	25
MINIRESTER STRAIGHT				
	660-WG2B	1/2" ASSE-AA	50	50
OXBOX WASHING MACHINE (3/4" HOSE) OUTLET BOX WITH MINIRESTERS				
	696-2313WF	OxBox W/ Frame	10	10
	696-2313WR	OxBox Rough-In Pack*	10	10
	696-G2313WF	OxBox W/ Frame (No-Lead)	10	10
	696-G2313WR	OxBox Rough-In Pack* (No-Lead)	10	10
	696R2313WF	Fire-Rated OxBox W/ Frame	10	10
	696RG2313WF	Fire-Rated OxBox W/ Frame (No-Lead)	10	10
OXBOX WASHING MACHINE (3/4" HOSE) OUTLET BOX, NO-LEAD				
	696-G2303WF	OxBox W/ Frame	10	10
	696-G2303WR	OxBox Rough-In Pack*	10	10
	696RG2303WF	Fire-Rated OxBox W/ Frame	10	10
OXBOX ONE BOX WASHING MACHINE (3/4" HOSE) OUTLET BOX WITH MINIRESTERS				
	696-2413WF	OxBox ONE W/ Frame	10	10
	696-G2413WF	OxBox ONE W/ Frame (No-Lead)	10	10

CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY.	QTY.
OXBOX ONE BOX WASHING MACHINE (3/4" HOSE) OUTLET BOX, NO-LEAD				
	696-G2403WF	OxBox ONE W/ Frame	10	10
OXBOX ICE MAKER (1/4" COMP.) OUTLET BOX, NO-LEAD				
	696-G1000WF	OxBox W/ Frame	10	10
	696-G1000WR	OxBox Rough-In Pack*	10	10
	696RG1000WF	Fire-Rated OxBox W/ Frame	10	10
OXBOX ICE MAKER (1/4" COMP.) OUTLET BOX WITH MINIRESTER, NO-LEAD				
	696-G1010WF	OxBox W/ Frame	10	10
	696-G1010WR	OxBox Rough-In Pack*	10	10
	696RG1010WF	Fire-Rated OxBox W/ Frame	10	10
OXBOX TOILET/DISHWASHER (3/8" COMP.) OUTLET BOX, NO-LEAD				
	696-G1001WF	OxBox W/ Frame	10	10
	696-G1001WR	OxBox Rough-In Pack*	10	10
	696RG1001WF	Fire-Rated OxBox W/ Frame	10	10
OXBOX TOILET/DISHWASHER (3/8" COMP.) OUTLET BOX WITH MINIRESTER, NO-LEAD				
	696-G1011WF	OxBox W/ Frame	10	10

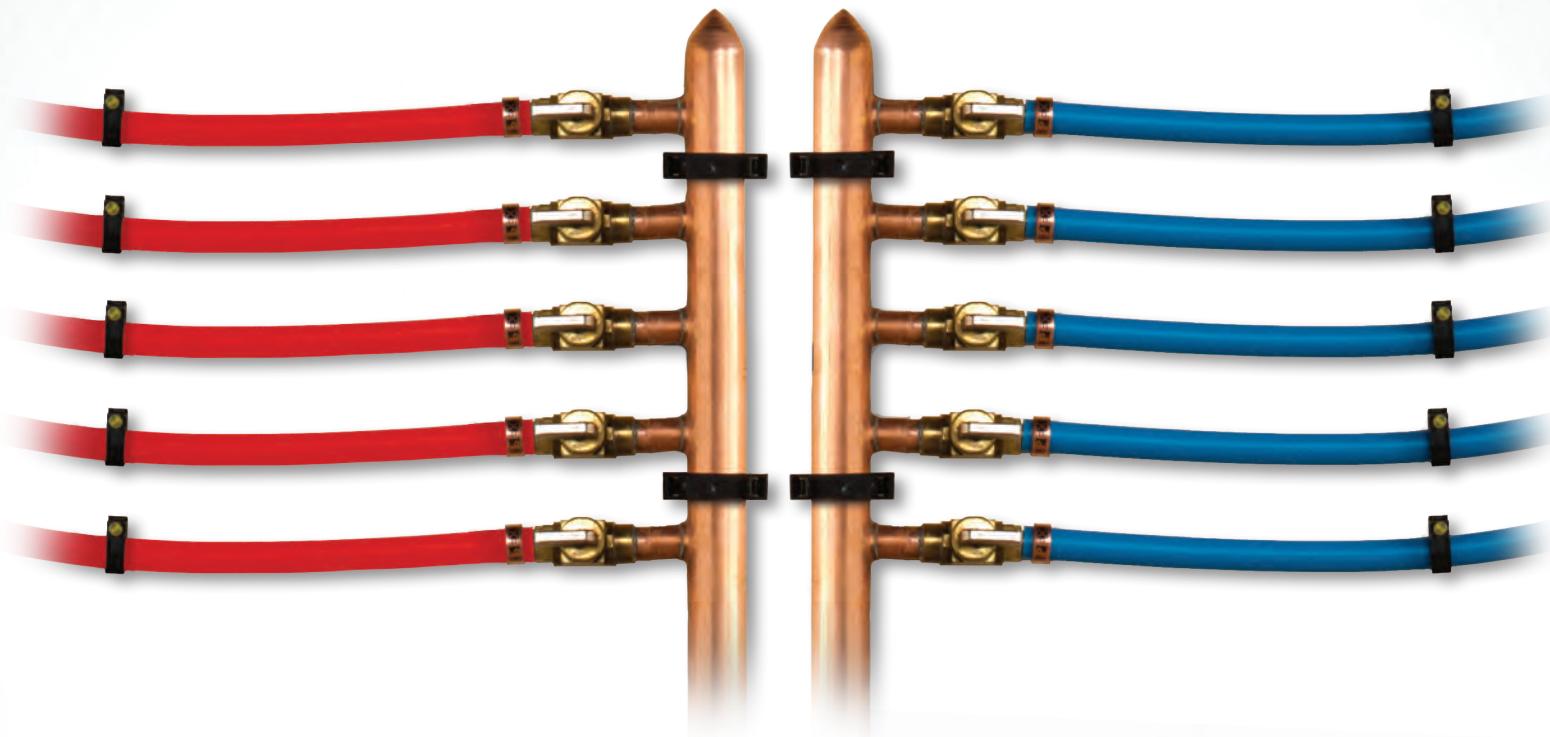
* Frames for Rough-In Packs are sold separately

» PowerPEX® ASTM F1960 Grip™

CATEGORY	ITEM NO.	DESCRIPTION	MIN. CASE QTY.	QTY.
OXBOX APPLIANCE (3/4" HOSE) OUTLET BOX WITH MINIRESTER, NO-LEAD				
	696-G1013WF	OxBox W/ Frame	10	10
	696-G1013WR	OxBox Rough-In Pack*	10	10
OXBOX LAVATORY (3/8" COMP.) OUTLET BOX, NO-LEAD				
	696-G2001WF	OxBox W/ Frame	10	10
	696-G2001WR	OxBox Rough-In Pack*	10	10
	696RG2001WF	Fire-Rated OxBox W/ Frame	10	10
OXBOX LAVATORY (3/8" COMP.) OUTLET BOX WITH MINIRESTERS, NO-LEAD				
	696-G2011WF	OxBox W/ Frame	10	10
OXBOX LAVATORY (3/8" COMP.) OUTLET BOX (3-VALVE), NO-LEAD				
	696-G3001WR	OxBox Rough-In Pack*	10	10
	696RG3001WF	OxBox W/ Frame	10	10
	696-G3011WR	OxBox Rough-In Pack* W/ (qty: 1) MiniRester	10	10
SPECBOX (304 STAINLESS STEEL) ICE MAKER (1/4" COMP.) OUTLET BOX, NO-LEAD				
	697-G1000WF	SpecBox W/ SS Frame	10	10

BranchMasterTM Manifolds

» Distributing Water, Quality & Savings



Labor & Material Savings

Decrease installation and material costs, reduce waste, and maintain quality and looks.

Reduced Liability

Fewer connections behind the wall greatly reduce potential for leaks.

Complete, Custom

All system connections. All materials. All configurations. Millions of possible customizations.

Made in the USA

Manufactured in America with domestic material.

Trusted, Lead-Free Solutions

Demanded by professionals everywhere for radiant heating and plumbing applications.



Features & Benefits

Labor & Material Savings

- Fast: Decreased installation times due to fewer fitting connections.
- Economical:
 - Fewer fittings reduce overall material costs.
 - Copper manifolds are less costly than many brass, stainless steel or PPSU manifold options.
- No Lead: Copper is inherently lead-free and is a cost-saving material.

Reduced Liability

- Fewer fittings mean fewer chances for leaks, connection errors and costly repairs.
- Sioux Chief warranted product replaces on-the-job fabricated connections.

Complete

- All common ASTM fitting system configurations are available.
- Available with and without valves, with spin-closed or open-end outlets, on different branch center lines, and more.
- More than 27 million custom options are available. Contact Sioux Chief to build your manifold.

Made in USA



- 100% American made.
- 100% North American materials.
- Products are manufactured, inspected, tested, stocked and packed for shipping in Peculiar, Missouri.

Trusted

- Sioux Chief has been manufacturing and selling manifolds since the early 1980's.
- Listed and approved.
- All manifolds are tested and inspected using the latest quality methods.

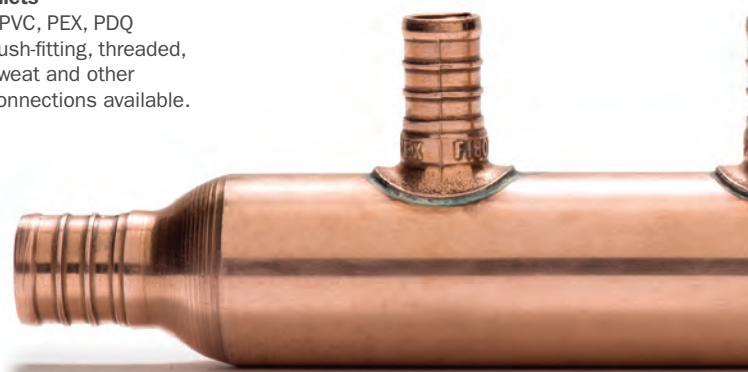
Inlets

3/4" & 1" PEX ends readily available and in stock. Sioux Chief maintains the widest variety of manifolds in the industry.



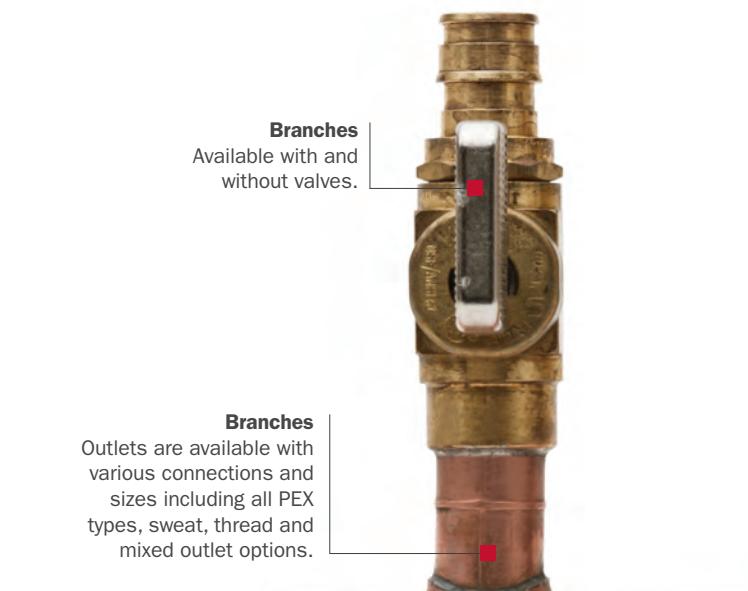
Inlets

CPVC, PEX, PDQ push-fitting, threaded, sweat and other connections available.



Branches

Available with and without valves.



Branches

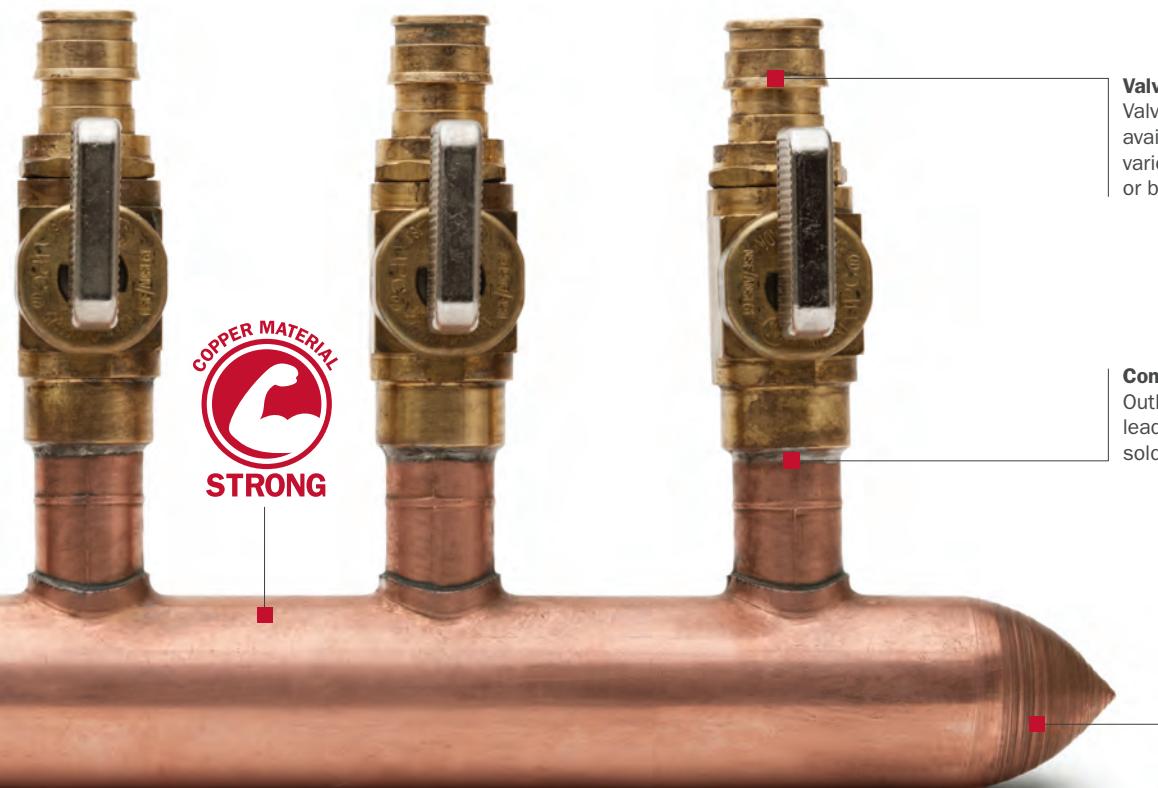
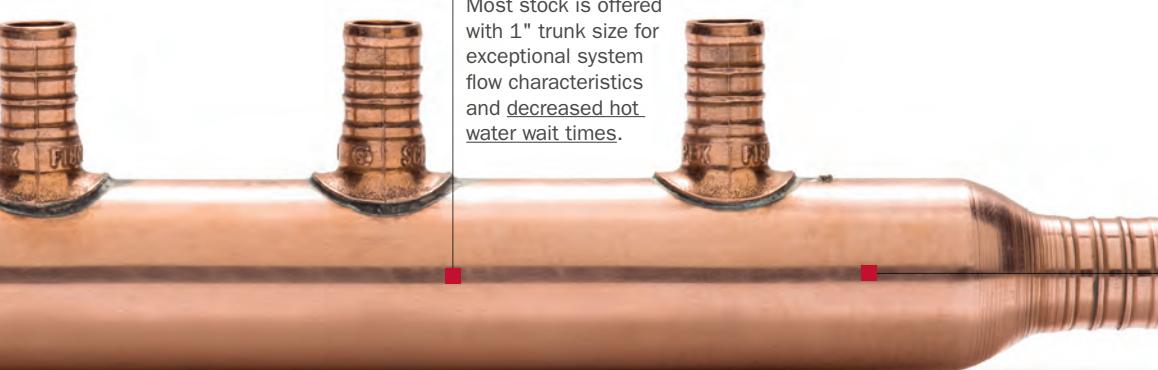
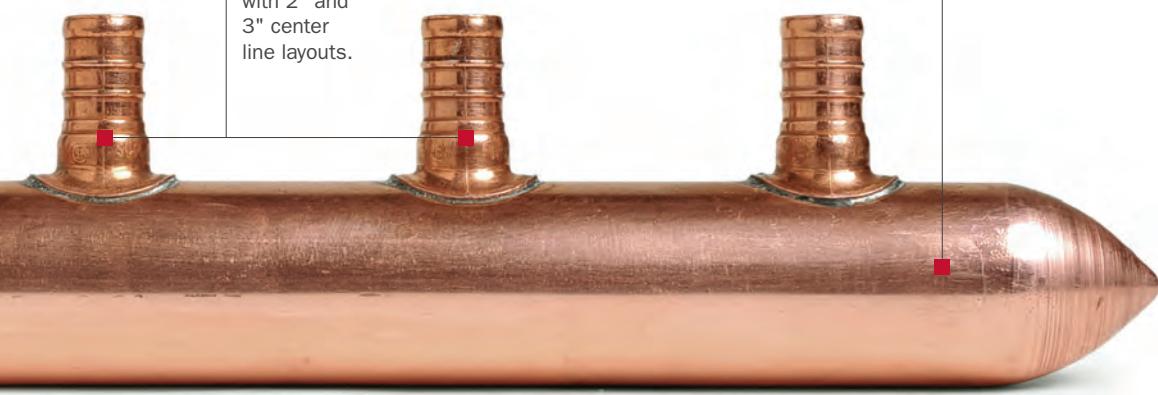
Outlets are available with various connections and sizes including all PEX types, sweat, thread and mixed outlet options.



REDUCED Liability & Leaks



Sioux Chief BranchMaster™ manifolds greatly reduce the number of fittings behind the wall and potential for leaks.



End Outlets
Leak-free spin closures, formed ends or optional system connection types provide the exact manifold necessary to complete any job.

Metal Head™ Brass Boiler Drain

- Male hose thread spout
- With stuffing box
- Lead-free solder joint



113-C32

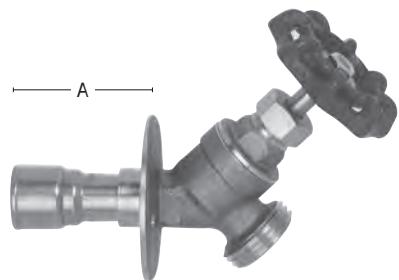
Item No	Connection	Pkg	Min Qty	Case Qty
113-C32	1/2" CPVC	B	25	25



Metal Head™ Sillcock

Standard

- New larger 2 1/8" diameter mounting flange
- Lead-free solder joint



117-C22

Item No	Connection	Dimension A	Pkg	Min Qty	Case Qty
117-C22	1/2" CPVC	1 5/8"	B	25	25
117-C223E	1/2" CPVC	3 5/16	B	25	25



Metal Head™ Frost-Proof Sillcock

Standard

- Longer stem keeps knuckles from scraping on hose threads
- Thicker, easier turning handle
- Nickel-plated brass body with black metal handle

1/4-Turn

- Extended tailpiece for ease of installation
- Extra-large mounting flange
- Spout alignment feature
- Nickel-plated brass body
- ANSI/NSF 61 listed



119-C208

Item No	Connection	Length	Pkg	Min Qty	Case Qty
STANDARD					
118-C208	1/2" CPVC	8"	B	5	5
118-C210	1/2" CPVC	10"	B	5	5
1/4-TURN					
119-C208	1/2" CPVC	8"	B	5	5
119-C210	1/2" CPVC	10"	B	5	5



PowerPEX™**Sillcock****Standard**

- Large 2 1/8" diameter mounting flange
- Lead-free solder joint

Item No	Connection	Pkg	Min Qty	Case Qty
117X22	1/2" F1807	B	25	25



117X22

PowerPEX™**Frost-Proof* Anti-Siphon Sillcock****Standard**

- Longer stem saves knuckle scrapes
- Thicker, easier turning handle
- Nickel-plated brass body with black metal handle

1/4-Turn

- Extended tailpiece for ease of installation
- Extra-large mounting flange
- ANSI/NSF 61 listed
- Nickel-plated brass body



118X208P



119X210P

Item No	Connection	Length	Pkg	Min Qty	Case Qty
STANDARD					
118X204P	1/2" F1807	4"	B	5	5
118X206P	1/2" F1807	6"	B	5	5
118X208P	1/2" F1807	8"	B	5	5
118X210P	1/2" F1807	10"	B	5	5
118X212P	1/2" F1807	12"	B	5	5
118X212PPK	1/2" F1807	12"	C*	4	4
1/4-TURN					
119X204P	1/2" F1807	4"	B	2	2
119X206P	1/2" F1807	6"	B	5	5
119X208P	1/2" F1807	8"	B	5	5
119X210P	1/2" F1807	10"	B	5	5
119X212P	1/2" F1807	12"	B	5	5



* As with all frost-proof hydrants, removal of hose is required to ensure against freezing and breaking.

PowerPEX™**Ice Maker Valve****Straight and Tee**

- Great for adding 1/4" O.D. supply lines for ice makers or humidifiers
- Lead-free solder joint

Item No	Connection	Pkg	Min Qty	Case Qty
STRAIGHT				
637X920	1/2" F1807 x 1/4" O.D. compression	B	25	250
637X920PK2	1/2" F1807 x 1/4" O.D. compression, 1/bag	C*	10	10
TEE				
637X9220	1/2" F1807 x 1/4" O.D. compression	B	25	250
637X9220PK2	1/2" F1807 x 1/4" O.D. compression, 1/bag	C*	10	10



637X920



637X9220

Sillcock

Standard

- Larger 2 $\frac{1}{8}$ " diameter mounting flange with easy to use pilot holes



117-22

Item No	Description	Pkg	Min Qty	Case Qty
STANDARD SILLCOCK				
117-22	$\frac{1}{2}$ " FSWT sillcock	B	10	100

Frost-Proof[†] Anti-Siphon Sillcock

Standard Valve

- Longer stem keeps knuckles from scraping on hose threads
- Thicker, easier turning handle
- Nickel-plated brass body with black metal handle
- Spout aligning lug
- Female sweat model has 6" of full-slip and compression connection includes 3" of full-slip



118-210

1/4-Turn

- Extended tailpiece for ease of installation
- Extra-large mounting flange
- Spout alignment feature
- Nickel-plated brass body
- ANSI/NSF 61 listed



118-210PK



119-210CPK

Item No	Connection	Length	Pkg	Min Qty	Case Qty
STANDARD					
118-204	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	4"	B	2	40
118-206	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	6"	B	2	40
118-208	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	8"	B	2	40
118-210	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	10"	B	2	40
118-210PK	$\frac{1}{2}$ " FSWT, full-slip	10"	C*	5	5
118-212	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	12"	B	2	40
1/4-TURN					
119-204	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	4"	B	1	25
119-206	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	6"	B	1	25
119-208	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	8"	B	1	25
119-210	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	10"	B	1	25
119-210PK	$\frac{1}{2}$ " FSWT, full-slip	10"	C*	5	5
119-212	$\frac{1}{2}$ " MIP x $\frac{1}{2}$ " FSWT	12"	B	1	25
119-210CPK	$\frac{5}{8}$ " O.D. compression	10"	C*	5	5



[†] As with all frost-proof hydrants, removal of hose is required to insure against freezing and breaking.

Shower Drains

» First in Innovation. First in Quality.



Complete

A complete line of shower drain models means the right product is available for any installation.

Innovative

Exclusive designs with unique features provide solutions for contractors.

Trusted

Designed, engineered and manufactured in the USA using only top-quality materials.



“ Our company uses Sioux Chief's shower drains exclusively. The 821 models provide generous weep hole openings, and the brass inserts allow us to install the flashing clamp without stripping the threads. I especially like the versatility of the strainer options. Special finish strainers are readily available and easily snapped into place. ”

Chief Operating Officer
Ridgeway Plumbing
Boynton Beach, FL

Shower Drains

» First in Innovation. First in Quality.

Shower Pan Drains

Shower Module/Base Drains

Strainers & Accessories

Although most of the focus on shower design tends to be on the fixtures delivering the water, removing water from the shower is equally as important. Sioux Chief shower drains are designed to perform this unsung task quickly, efficiently and even attractively.

Sioux Chief has been designing and manufacturing shower drains for over 20 years. During that time, we have engineered quality into every drain, and have never stopped trying to make a better product.

For shower drains, as with all our products, we aspire to make the best ones on the market – to provide the most value for our distribution partners and installing contractors.



Shower Pan Drains

821 Series with Stainless Steel Strainer

The 821 Series has become the industry standard drain for showers with tile floors.

- PVC or ABS base adapter with 2" Sch. 40 hub x inside 3" connection.
- Invertible clamping collar provides 2" of head adjustment.
- Available with thin plastic strainer rim for easy removal/replacement or no rim for a clean look.
- Snap-in or screw-on strainers in stamped 430 stainless steel. All 821 drain heads accept both snap-in and screw-on types.
- Replacement strainers available in stainless, oil-rubbed bronze finish, satin finish, white enamel, and polished brass finish.



Round-to-Square Strainer Adapter Kit

A square strainer is often preferred in tile-floor showers to simplify the tile cuts made around the drain.

- No need to buy/stock two different drains - the easy-to-install kit converts round drain head for square strainer.
- Allows drains to be converted even after the mortar bed is poured around the drain head.
- Kit includes round-to-square adapter, mounting screws, and square snap-in strainer.
- Strainers available in stainless, oil-rubbed bronze finish, and satin finish.



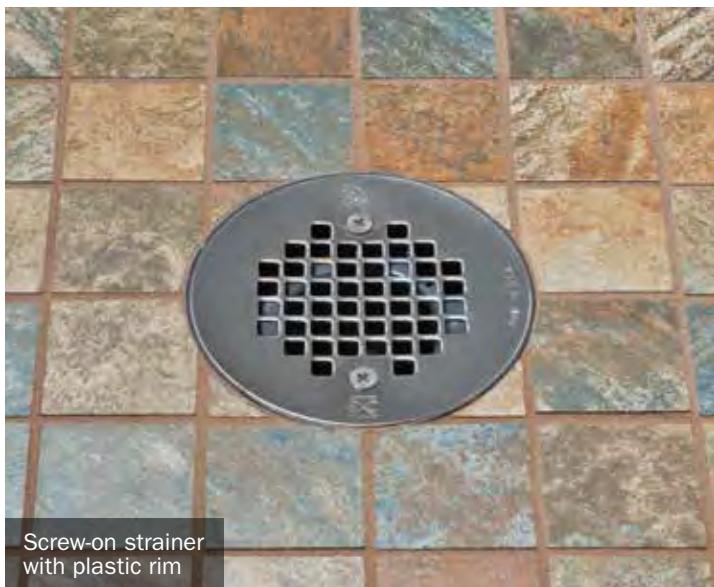
DoubleDuty™ Test Plug

During installations of 821 Series shower drains, Sioux Chief recommends performing two tests to reduce the occurrence of leaks: a test of the drain-to-pipe connection and a "flood test" of the waterproofing membrane.

- The unique DoubleDuty plug seals the drain above the pipe and below the clamping collar, allowing both tests to be performed properly.
- Easy to install and remove - eliminates inflatable test balls and other glue-in or mechanical plugs.



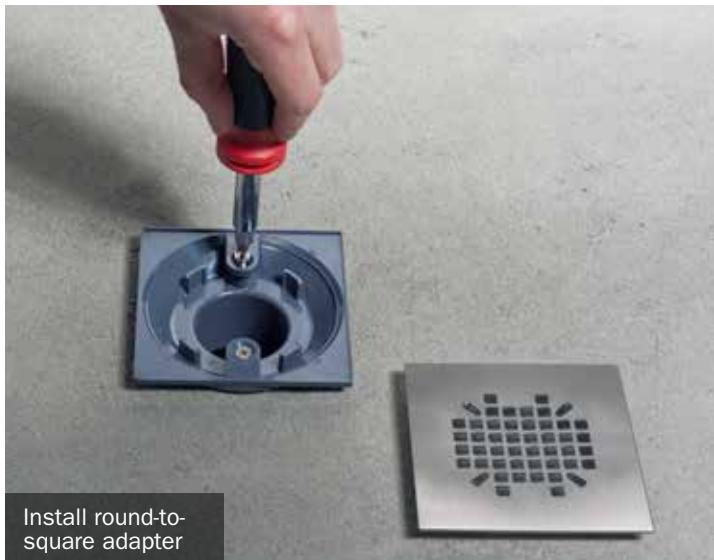
Patent #7,624,759



Screw-on strainer
with plastic rim



Snap-in strainer -
no plastic rim



Install round-to-
square adapter



Snap new square
strainer in place



DoubleDuty plug seals
for DWV pressure test



DoubleDuty plug seals for
shower pan flood test

Shower Pan Drains

821 Series with Cast Ring & Strainer

Premium ring and strainer options for the 821 Series compliment both the tile and other shower fixtures.

- Solid, cast nickel-bronze ring and strainer available with a natural, satin finish or oil-rubbed bronze powder-coat finish. Round or square pattern.
- Solid, cast stainless steel ring and strainer available with a matte or high-polish finish. Round or square pattern.
- Round or square chrome-plated head/strainer also available.



863 Series for Large Capacity

The 863 Series drains are suitable for showers having larger-capacity drain needs.

- Solid, cast nickel-bronze ring and strainer available with a natural, satin finish or oil-rubbed bronze powder-coat finish. Round or square pattern.
- Solid, cast stainless steel ring and strainer available with a matte or high-polish finish. Round or square pattern.



Halo™ Drain for Showers

The Halo drain offers unique features not typically found on standard shower drains.

- Wide, stainless steel mounting flange and clamping collar allow for a low-profile installation that's perfect for "thin-bed" tile floor installations.
- Solid, cast nickel-bronze ring and strainer with a natural, satin finish. Round or square pattern.
- Solid, cast stainless steel ring and strainer available with a matte or high-polish finish. Round or square pattern.

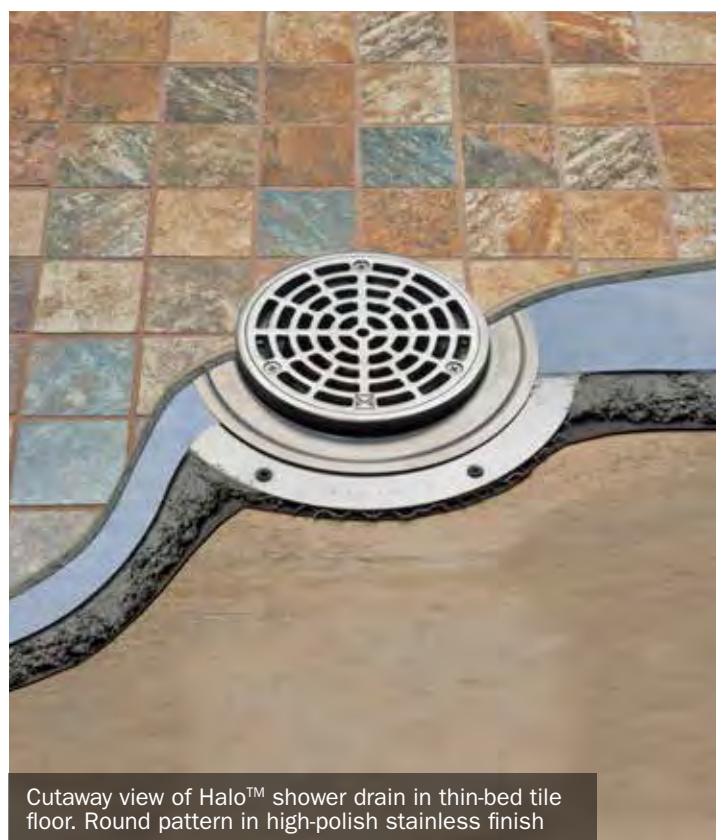
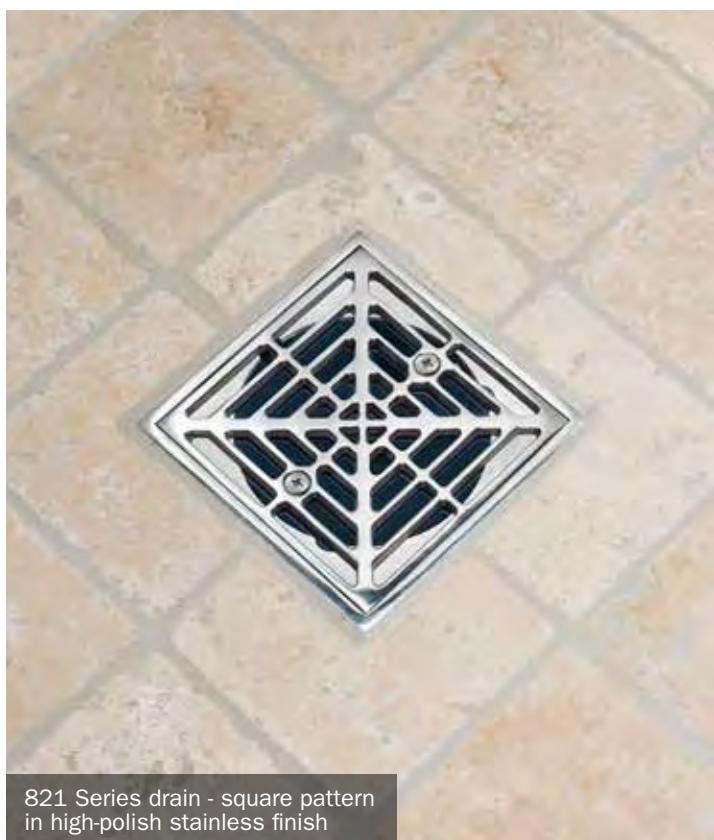
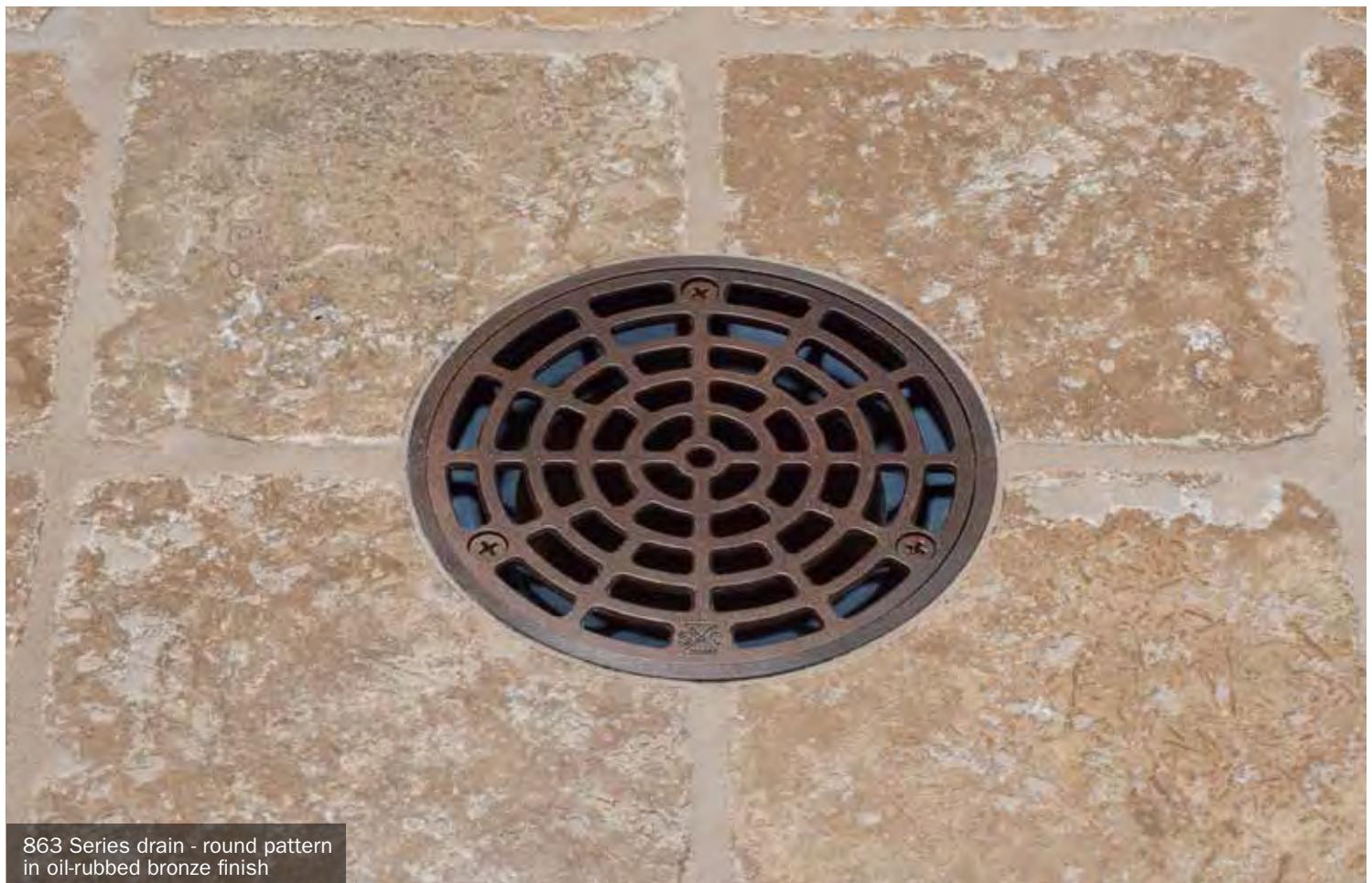


Cast Iron Shower Pan Drains

For areas or applications calling for a cast iron shower pan drain.

- Adjustable, 3-piece model has chrome-plated head and strainer with cast iron body/collar with 2" no-hub or FIP connection.
- For "hot-mop" style installations, a 2-piece model with 2" no-caulk or FIP connection is available.



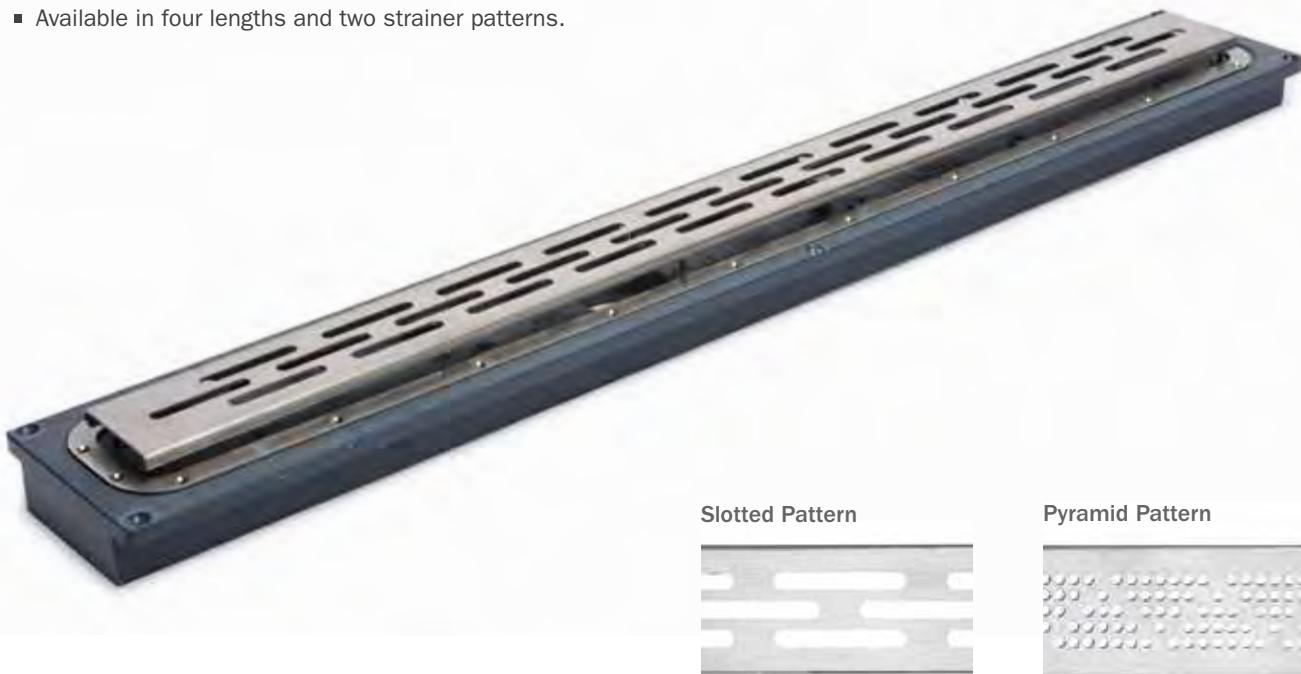


Shower Pan Drains

StreamLine™

The StreamLine linear shower drain offers a unique, contemporary appearance and functional design to shower drain selection.

- Uses a single uni-directional floor slope, which allows for use of larger (floor-size) tiles in shower area.
- Perfect for residential, barrier-free, and ADA showers, or along thresholds for overflow control.
- Seamless, internally-sloped, PVC body with unique stainless steel membrane clamp ensures a watertight installation.
- Available in four lengths and two strainer patterns.



Product Video

Learn more about installing the StreamLine by visiting our YouTube page. The featured animation describes the components of the StreamLine system, explains the features and benefits and takes the viewer through the differences between the thin-bed and full-mortar-bed installation methods.





Shower Module Drains

Receptor Base Style

The 825 Series is a “receptor base” style shower drain designed for bases or modules. This design threads together (top threads into receptor base), sandwiching the shower floor.

- PVC or ABS Sch. 40 connection in 2" hub or 1-1/2" hub x 2" spgt.
- Snap-in or screw-on strainers in stamped 430 stainless steel. All 825 drains accept both snap-in and screw-on types.
- Replacement strainers available in stainless, oil rubbed bronze finish, satin finish, white enamel and polished brass finish.



“ One of Sioux Chief’s products that works great for us is the 825 Shower Drain. We went to this drain after some of the other brand drains had failed. The thing about regular drains is if the silicone breaks loose and there is a leak, and if the leak is in the second story, you’re going to be cutting out someone’s ceiling to fix the shower drain plus sheetrock repairs. With the Sioux Chief 825 Shower Drain, you can reseal it from the shower drain hole, not cutting sheetrock, so you’re in and out of the house fast! The great thing about Sioux Chief is that they listen to the plumber. They make high-quality parts that really work. ”

Shop Foreman
B & R Plumbing
Spanaway, WA

Outer Locknut Style

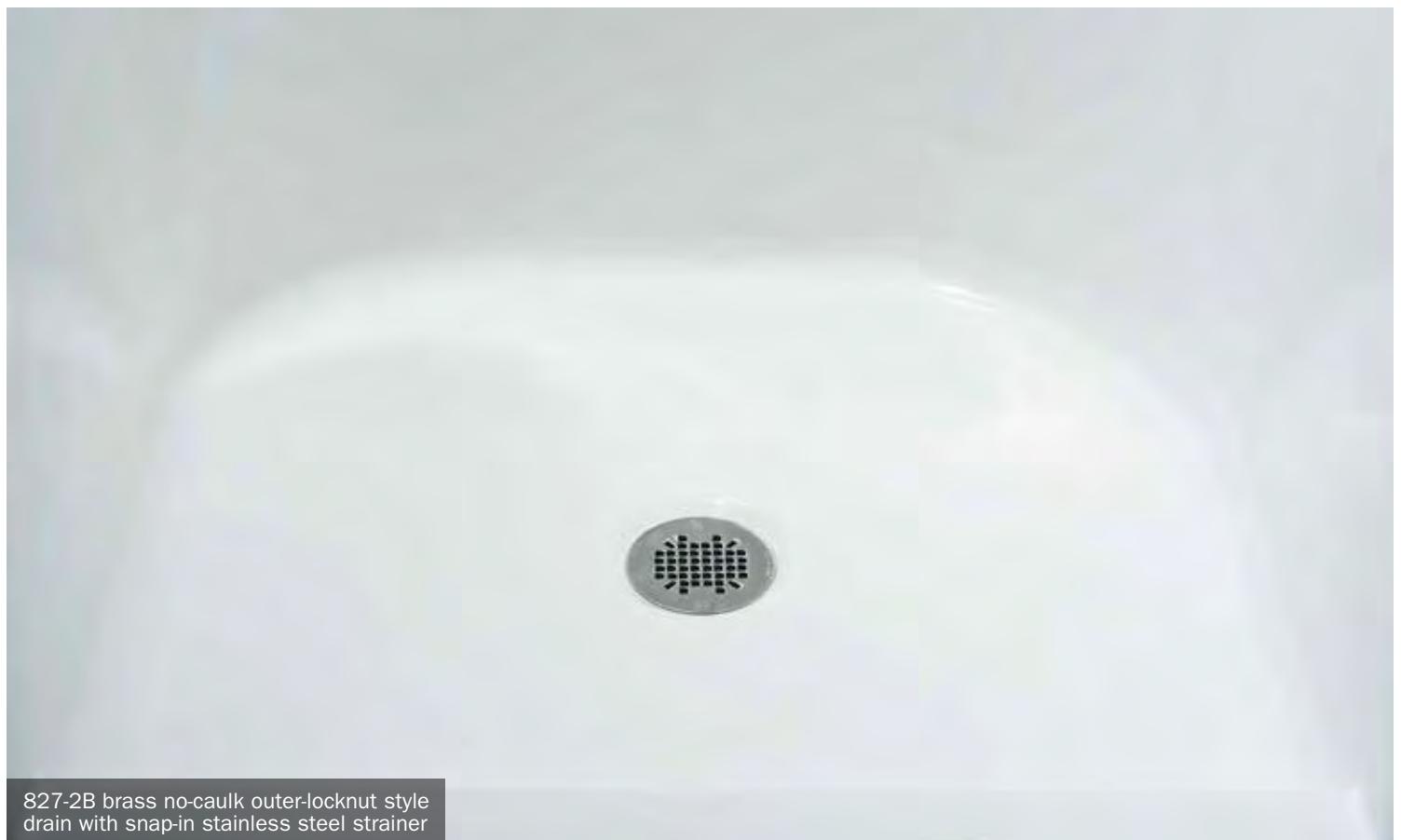
The “outer locknut” style shower drain is also designed for bases or modules. On these models, a locknut attaches the drain body to the shower floor.

- Brass and plastic models with 2" no-caulk connection.
- The unique JackRabbit model uses jacking bolts to attach the drain without the need to thread the outer locknut. Perfect for confined spaces.
- Push-joint gasket and combo-connection models also available.
- Snap-in strainers in stamped 430 stainless steel.
- Replacement strainers available in stainless, oil rubbed bronze finish, satin finish, white enamel and polished brass finish.





825 Series receptor-base drain with
optional strainer in oil-rubbed bronze finish



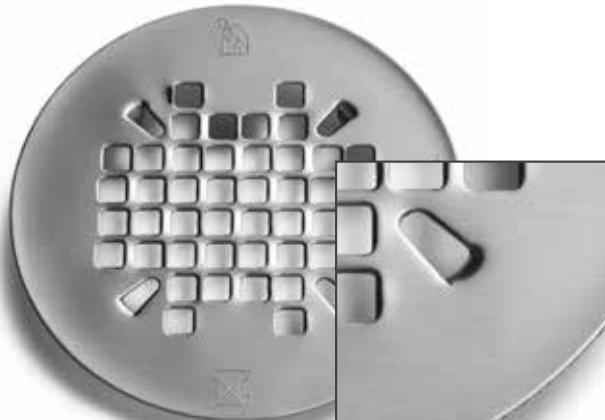
827-2B brass no-caulk outer-locknut style
drain with snap-in stainless steel strainer

Strainer Finishes



Stainless Steel

Snap-in or Screw-on model
430 material, polished finish



Satin Finish

Snap-in or Screw-on model
430 material, satin finish



Oil-Rubbed Bronze

Snap-in or Screw-on model
430 material, powder-coat finish



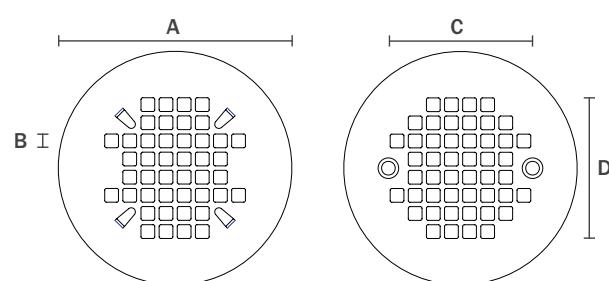
White Enamel

Snap-in or Screw-on model
430 material, baked-on finish

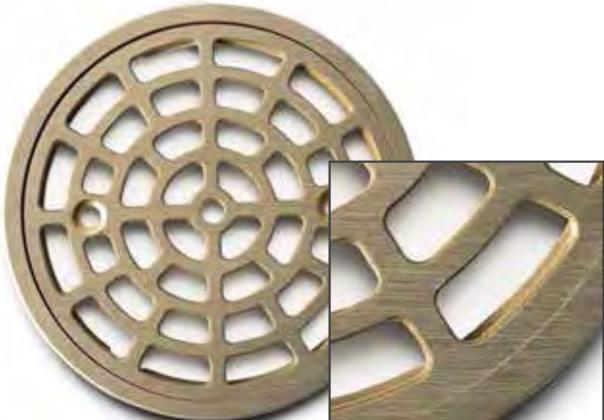


Polished Brass

Snap-in or Screw-on model
430 material, PVD finish



A- Diameter	4-1/4"
B- Grid opening	1/4"
C- Screw centerline	2-5/8"
D- Grid Pattern	2-9/16"
Open area	3 in ²



Nickel-Bronze

Round or Square Pattern
Solid cast material, satin finish



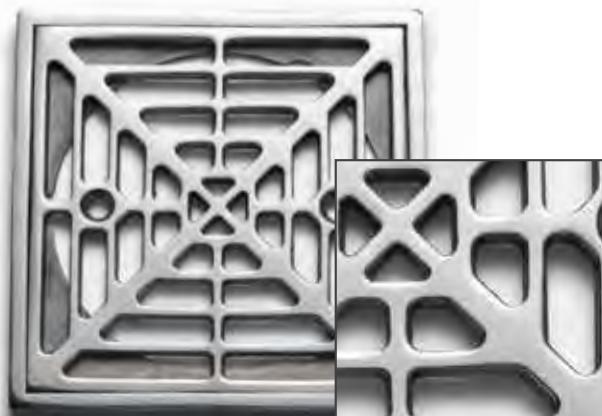
Stainless Steel

Round or Square Pattern
Solid cast material, matte finish



Oil-Rubbed Bronze

Round or Square Pattern
Nickel-bronze base material, powder-coat finish



Stainless Steel

Round or Square Pattern
Solid cast material, polished finish

Strainer Display Board

For wholesaler showroom areas, a display board is available which includes four samples of Sioux Chief's premium cast ring/strainer options for the 821 Series drains. The strainers displayed help demonstrate both the look and feel of the finishes (oil-rubbed bronze, natural/satin nickel-bronze, polished stainless, and matte stainless) and the round and square patterns available. Contact your local sales representative to obtain a strainer display board.





821-200P



821-2LSFN



821-200ASR



821-2PCP

» Buying Information

PVC ITEM #	ABS ITEM #	DESCRIPTION	CONNECTION	PKG.	MIN.	CASE
821 SHOWER PAN DRAINS WITH STAINLESS STEEL STRAINER						
821-200P	821-200A	Screw-on strainer, Brass screw inserts, Plastic strainer rim	2" Sch. 40 hub	B*	20	20
821-T200P	821-T200A	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	10	10
821-200PPK	821-200APK	Screw-on strainer, Brass screw inserts, Plastic strainer rim	2" Sch. 40 hub	C*	8	8
821-2LSPCI		Head Only - screw-on strainer, Brass screw inserts, Plastic strainer rim	2" Male thread	B*	10	10
821-2P	821-2A	Screw-on strainer, No inserts, Plastic strainer rim	2" Sch. 40 hub	B*	20	20
821-T2P	821-T2A	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	10	10
821-2PPK	821-2APK	Screw-on strainer, No inserts, Plastic strainer rim	2" Sch. 40 hub	C*	8	8
821-2LSPC		Head Only - screw-on strainer, No inserts, Plastic strainer rim	2" Male thread	B*	10	10
821-2080P	821-2080A	Screw-on strainer, Brass screw inserts, No strainer rim	2" Sch. 40 hub	B*	20	20
821-T2080P	821-T2080A	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	20	20
821-2LSFCI		Head Only - screw-on strainer, Brass screw inserts, No strainer rim	2" Male thread	B*	10	10
821-280P	821-280A	Screw-on strainer, No inserts, No strainer rim	2" Sch. 40 hub	B*	20	20
821-T280P	821-T280A	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	10	10
821-2LSFC		Head Only - Screw-on strainer, No inserts, No strainer rim	2" Male thread	B*	10	10
821-270P	821-270A	Snap-in strainer, Plastic strainer rim	2" Sch. 40 hub	B*	20	20
821-T270P	821-T270A	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	10	10
821-2LSPN		Head Only - Snap-in strainer, Plastic strainer rim	2" Male thread	B*	10	10
821-270PQ	821-270AQ	Square, snap-in strainer using Round-to-Square kit, Plastic strainer rim	2" Sch. 40 hub	B*	20	20
821-T270PQ	821-T270AQ	Square, snap-in strainer using Round-to-Square kit, Plastic strainer rim, Double Duty™ test plug	2" Sch. 40 hub	B*	10	10
821-2LSQP		Square, snap-in strainer using Round-to-Square kit, Plastic strainer rim	2" Sch. 40 hub	B*	20	20
821-2780P	821-2780A	Snap-in strainer, No strainer rim	2" Sch. 40 hub	B*	10	10
821-T2780P	821-T2780A	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	10	10
821-2LSFN		Head Only - Snap-in strainer, No strainer rim	2" Male thread	B*	10	10
821 SHOWER PAN DRAINS WITH CAST RING & STRAINER						
821-200PNR	821-200ANR	Nickel-bronze ring & strainer, Round pattern	2" Sch. 40 hub	B*	5	5
821-T200PNR	821-T200ANR	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	5	5
821-2LNR		Head Only - Nickel-bronze ring & strainer, Round pattern	2" Male thread	B*	1	5
821-200PNQ	821-200ANQ	Nickel-bronze ring & strainer, Square pattern	2" Sch. 40 hub	B*	1	5
821-T200PNQ	821-T200ANQ	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	1	5
821-2LNQ		Head Only - Nickel-bronze ring & strainer, Square pattern	2" Male thread	B*	1	5
821-200PSR	821-200ASR	Matte stainless ring & strainer, Round pattern	2" Sch. 40 hub	B*	5	5
821-T200PSR	821-T200ASR	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	5	5
821-2LSR		Head Only - matte stainless ring & strainer, Round pattern	2" Male thread	B*	1	5
821-200PSQ	821-200ASQ	Matte stainless ring & strainer, Square pattern	2" Sch. 40 hub	B*	1	5
821-T200PSQ	821-T200ASQ	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	1	5
821-2LSQ		Head Only - matte stainless ring & strainer, Square pattern	2" Male thread	B*	1	5
821-200PCR	821-200ACR	Polished stainless ring & strainer, Round pattern	2" Sch. 40 hub	B*	5	5
821-T200PCR	821-T200ACR	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	5	5
821-2LCR		Head Only - Polished stainless ring & strainer, Round pattern	2" Male thread	B*	1	5
821-200PCQ	821-200ACQ	Polished stainless ring & strainer, Square pattern	2" Sch. 40 hub	B*	1	5
821-T200PCQ	821-T200ACQ	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	1	5
821-2LCQ		Head Only - Polished stainless ring & strainer, Square pattern	2" Male thread	B*	1	5
821-200PRBR	821-200ARBR	Oil-rubbed bronze finish ring & strainer, Round pattern	2" Sch. 40 hub	B*	1	5
821-T200PRBR	821-T200ARBR	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	1	5
821-2LRBR		Head Only - Oil-rubbed bronze finish ring & strainer, Round pattern	2" Male thread	B*	1	5
821-200PRBQ	821-200ARBQ	Oil-rubbed bronze finish ring & strainer, Square pattern	2" Sch. 40 hub	B*	1	5
821-T200PRBQ	821-T200ARBQ	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	1	5
821-2LRBQ		Head Only - Oil-rubbed bronze finish ring & strainer, Square pattern	2" Male thread	B*	1	5
821-2PCP	821-2ACP	Chrome-plated head & strainer, Round pattern	2" Sch. 40 hub	B*	1	5
821-T2PCP	821-T2ACP	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	5	5
821-HCP		Head Only - Chrome-plated head & strainer, Round pattern	2" Male thread	B*	1	5
821-2PQCP	821-2AQCP	Chrome-plated head & strainer, Square pattern	2" Sch. 40 hub	B*	1	5
821-T2PQCP	821-T2AQCP	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	5	5
821-HQCP		Head Only - Chrome-plated head & strainer, Square pattern	2" Male thread	B*	1	5
821-2PRB	821-2ARB	Oil-rubbed bronze finish head & strainer, Round pattern	2" Sch. 40 hub	B*	1	5
821-T2PRB	821-T2ARB	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	5	5
821-2LRB		Head Only - Oil-rubbed bronze finish head & strainer, Round pattern	2" Male thread	B*	1	5
821-2PQRB	821-2AQRB	Oil-rubbed bronze finish head & strainer, square pattern	2" Sch. 40 hub	B*	1	5
821-T2PQRB	821-T2AQRB	Item listed above, with Double Duty™ test plug	2" Sch. 40 hub	B*	5	5
821-2LQRB		Head Only - oil-rubbed bronze finish head & strainer, square pattern	2" Male thread	B*	1	5



863-435RBQ



822-M2PCQ



821-2IFS



823-32PSS

» Buying Information

PVC ITEM #	ABS ITEM #	DESCRIPTION	CONNECTION	PKG.	MIN.	CASE
863 LARGE-CAPACITY SHOWER PAN DRAINS WITH CAST RING & STRAINER						
863-435NR	863-335NR	Nickel-bronze ring & strainer, Round pattern	3" Sch. 40 hub	B*	1	6
863-435NQ	863-335NQ	Nickel-bronze ring & strainer, Square pattern	3" Sch. 40 hub	B*	1	2
863-435SR	863-335SR	Matte stainless ring & strainer, Round pattern	3" Sch. 40 hub	B*	1	6
863-435SQ	863-335SQ	Matte stainless ring & strainer, Square pattern	3" Sch. 40 hub	B*	1	2
863-435CR	863-335CR	Polished stainless ring & strainer, Round pattern	3" Sch. 40 hub	B*	1	6
863-435CQ	863-335CQ	Polished stainless ring & strainer, Square pattern	3" Sch. 40 hub	B*	1	2
863-435RBR	863-335RBR	Oil-rubbed bronze finish ring & strainer, Round pattern	3" Sch. 40 hub	B*	1	6
863-435RBQ	863-335RBQ	Oil-rubbed bronze finish ring & strainer, Square pattern	3" Sch. 40 hub	B*	1	2
HALO™ SHOWER DRAINS						
822-M2PNR	822-M2ANR	Nickel-bronze ring & strainer, Round pattern	2" Sch. 40 Hub	B*	1	4
822-M2PNQ	822-M2ANQ	Nickel-bronze ring & strainer, Square pattern	2" Sch. 40 Hub	B*	1	4
822-M2PSR	822-M2ASR	Matte stainless ring & strainer, Round pattern	2" Sch. 40 Hub	B*	1	4
822-M2PSQ	822-M2ASQ	Matte stainless ring & strainer, Square pattern	2" Sch. 40 Hub	B*	1	4
822-M2PCR	822-M2ACR	Polished stainless ring & strainer, Round pattern	2" Sch. 40 Hub	B*	1	1
822-M2PCQ	822-M2ACQ	Polished stainless ring & strainer, Square pattern	2" Sch. 40 Hub	B*	1	4
822-M3PNR	822-M3ANR	Nickel-bronze ring & strainer, Round pattern	3" Sch. 40 Hub	B*	1	4
822-M3PNQ	822-M3ANQ	Nickel-bronze ring & strainer, Square pattern	3" Sch. 40 Hub	B*	1	4
822-M3PSR	822-M3ASR	Matte stainless ring & strainer, Round pattern	3" Sch. 40 Hub	B*	1	4
822-M3PSQ	822-M3ASQ	Matte stainless ring & strainer, Square pattern	3" Sch. 40 Hub	B*	1	4
822-M3PCR	822-M3ACR	Polished stainless ring & strainer, Round pattern	3" Sch. 40 Hub	B*	1	1
822-M3PCQ	822-M3ACQ	Polished stainless ring & strainer, Square pattern	3" Sch. 40 Hub	B*	1	4
CAST IRON SHOWER PAN DRAINS						
821-2IHCP		3-piece cast iron drain, Chrome-plated head & strainer, Round pattern	2" No-Hub	C*	1	5
821-2IHQCP		3-piece cast iron drain, Chrome-plated head & strainer, Square pattern	2" No-Hub	C*	1	5
821-2ITCP		3-piece cast iron drain, Chrome-plated head & strainer, Round pattern	2" FIP Thread	C*	1	5
821-2ITQCP		3-piece cast iron drain, Chrome-plated head & strainer, Square pattern	2" FIP Thread	C*	1	5
821-2IH		Base & collar only for 3-piece cast iron drain - combine with 821 series Head Only	2" No-Hub	C*	1	10
821-2IT		Base & collar only for 3-piece cast iron drain - combine with 821 series Head Only	2" FIP Thread	C*	1	10
821-2INS		2-piece cast iron drain with screw-on stainless crown/ring & strainer	2" No-Caulk	C*	1	4
821-2IFS		2-piece cast iron drain with screw-on stainless crown/ring & strainer	2" FIP Thread	C*	4	4
821-HSR		Stainless crown/ring & strainer only for Hot-Mop Drain		C*	1	10
821-HPR		Polished brass crown/ring & strainer only for Hot-Mop Drain		C*	1	10
821-HSQ		Stainless tile ring only, 4-1/4" square for Hot-Mop Drain		C*	1	10
STREAMLINE™ LINEAR SHOWER DRAIN						
823-24PSP	n/a	24" length, Pyramid pattern stainless steel strainer, PVC connection	2" Sch. 40 hub	B*	1	1
823-24PSS	n/a	24" length, Slotted pattern stainless steel strainer, PVC connection	2" Sch. 40 hub	B*	1	1
823-FK24		Full-mortar-bed adapter kit for 24" StreamLine		B*	2	1
823-32PSP	n/a	32" length, Pyramid pattern stainless steel strainer, PVC connection	2" Sch. 40 hub	B*	1	1
823-32PSS	n/a	32" length, Slotted pattern stainless steel strainer, PVC connection	2" Sch. 40 hub	B*	1	1
823-FK32		Full-mortar-bed adapter kit for 32" StreamLine		B*	3	1
823-40PSP	n/a	40" length, Pyramid pattern stainless steel strainer, PVC connection	2" Sch. 40 hub	B*	1	1
823-40PSS	n/a	40" length, Slotted pattern stainless steel strainer, PVC connection	2" Sch. 40 hub	B*	1	1
823-FK40		Full-mortar-bed adapter kit for 40" StreamLine		B*	4	1
823-60PSP	n/a	60" length, Pyramid pattern stainless steel strainer, PVC connection	2" Sch. 40 hub	B*	1	1
823-60PSS	n/a	60" length, Slotted pattern stainless steel strainer, PVC connection	2" Sch. 40 hub	B*	1	1
823-FK60		Full-mortar-bed adapter kit for 60" StreamLine		B*	5	1
SHOWER MODULE DRAINS WITH STAINLESS STEEL STRAINER						
825-10P	825-10A	Receptor-base style, Screw-on strainer, brass inserts	1-1/2" Sch. 40 hub x 2" spgt.	B*	20	20
825-20P	825-20A	Receptor-base style, Screw-on strainer, brass inserts	2" Sch. 40 hub	B*	20	20
825-1P	825-1A	Receptor-base style, Screw-on strainer, no inserts	1-1/2" Sch. 40 hub x 2" spgt.	B*	20	20
825-2P	825-2A	Receptor-base style, Screw-on strainer, no inserts	2" Sch. 40 hub	B*	20	20
825-2PPK	825-2APK	Receptor-base style, Screw-on strainer, no inserts	2" Sch. 40 hub	B*	12	12
825-2PFS	825-2AFS	Receptor-base style, Screw-on strainer, no inserts, 3/4" offset	2" Sch. 40 hub	B*	10	10
825-17P	825-17A	Receptor-base style, Snap-in strainer	1-1/2" Sch. 40 hub x 2" spgt.	B*	20	20
825-27P	825-27A	Receptor-base style, Snap-in strainer	2" Sch. 40 hub	B*	20	20



825-2P



827-2B



821-HP2



821-2SPK1

>>Buying Information

PVC ITEM #	ABS ITEM #	DESCRIPTION	CONNECTION	PKG.	MIN.	CASE
SHOWER MODULE DRAINS WITH STAINLESS STEEL STRAINER						
827-2B		Outer-locknut style, Snap-in strainer, brass body	2" No-Caulk	B*	1	10
827-2BG		Replacement no-caulk gasket for 827-2B (Fits 2" Sch. 40 PVC/ABS)		B*	10	100
827-2J		Jacking Bolt Outer-locknut style, Snap-in strainer, brass body	2" No-Caulk	B*	1	6
828-2		Outer-locknut style, Snap-in strainer, PVC body	2" No-Caulk	B*	1	20
828-2PK		Outer-locknut style, Snap-in strainer, PVC body	2" No-Caulk	B*	10	10
826-2P	826-2A	Outer-locknut style, Snap-in strainer, full-slip glue hub or gasket	2" Combo	B*	1	20
826-2PPK	n/a	Outer-locknut style, Snap-in strainer, full-slip glue hub or gasket	2" Combo	B*	10	10
826-2S		Replacement strainer for 826, Stainless, Snap-in		B*	1	100
826-2SP		Replacement strainer for 826, Polished Brass finish, Snap-in		B*	1	100
829-S2		Outer-locknut style, Snap-in strainer	2" Push Gasket	B*	1	20
ITEM NO.		DESCRIPTION		PKG.	MIN.	CASE
SHOWER DRAIN STRAINERS & ACCESSORIES						
821-HP2		PVC Drain body & collar only for 821series		B*	25	25
821-THP2		Item listed above, with Double Duty™ test plug		B*	25	25
821-HA2		ABS Drain body & collar only for 821series		B*	25	25
821-THA2		Item listed above, with Double Duty™ test plug		B*	25	25
821-TP		Double Duty™ test plug for 821 series		B*	10	10
821-2QARB		Round-to-Square strainer & adapter kit, Oil-rubbed bronze finish strainer		C*	5	5
821-2QAS		Round-to-Square strainer & adapter kit, Stainless steel strainer		C*	5	5
821-2QASN		Round-to-Square strainer & adapter kit, Satin finish strainer		C*	5	5
827-2S		Replacement strainer, Stainless, Snap-in		B*	1	100
827-2SPK1		Replacement strainer, Stainless, Snap-in, Clamshell		C*	10	10
827-2SN		Replacement strainer, Satin finish, Snap-in		B*	1	100
827-2SNPK1		Replacement strainer, Satin finish, Snap-in, Clamshell		C*	6	6
827-2RB		Replacement strainer, Oil-rubbed bronze finish, Snap-in		B*	1	100
827-2RBPK1		Replacement strainer, Oil-rubbed bronze finish, Snap-in, Clamshell		C*	6	6
827-2SWPK1		Replacement strainer, White enamel, Snap-in, Clamshell		C*	6	6
827-2SP		Replacement strainer, Polished brass finish, Snap-in		B*	1	100
827-2SPPK1		Replacement strainer, Polished brass finish, Snap-in, Clamshell		C*	10	10
821-2S		Replacement strainer, Stainless, Screw-on, with screws		B*	1	100
821-2SPK1		Replacement strainer, Stainless, Screw-on, with screws, Clamshell		C*	10	10
825-2SN		Replacement strainer, Satin finish, Screw-on, with screws		B*	1	100
821-2RB		Replacement strainer, Oil-rubbed bronze finish, Screw-on, with screws		B*	1	100
821-2SW		Replacement strainer, White enamel, Screw-on, with screws		B*	1	100
821-2SP		Replacement strainer, Polished Brass finish, Screw-on, with screws		B*	1	100
821-2SNRPK1		Cast ring & strainer, Nickel-bronze, Round pattern, Clamshell		C*	6	6
821-2SNQPK1		Cast ring & strainer, Nickel-bronze, Square pattern, Clamshell		B*	1	10
821-2SN		Cast strainer, Nickel-bronze, Round pattern		B*	1	10
821-2SSRPK1		Cast ring & strainer, Matte Stainless, Round pattern, Clamshell		B*	1	10
821-2SSQPK1		Cast ring & strainer, Matte Stainless, Square pattern, Clamshell		B*	1	10
821-2SS		Cast strainer, Matte Stainless, Round pattern		B*	1	10
821-2SCQPK1		Cast ring & strainer, Polished stainless, Square pattern, Clamshell		B*	1	10
821-2SCRPK1		Cast ring & strainer, Polished stainless, Round pattern, Clamshell		B*	1	10
821-2SRBQPK1		Cast ring & strainer, Oil-rubbed bronze finish, Square pattern, Clamshell		B*	1	10
821-2SRBRPK1		Cast ring & strainer, Oil-rubbed bronze finish, Round pattern, Clamshell		C*	6	6
821-2SRB		Cast strainer, Oil-rubbed bronze finish, Round pattern		B*	1	10

PACKAGING:

B = Bulk

C = Cut Case

* Individually Bar-Coded

24110 South Peculiar Drive

Peculiar, Missouri 64078

P 1.800.821.3944

F 1.800.758.5950



Tile-In Drain Head

For 821 Series Shower Pan Drains



Stylish

Contemporary design creates the look of a seamless tile floor. Water "disappears" into the drainage slot

Practical

Installs easily - no special techniques or tools needed

Works with any décor - No need to match the finish of fixture trim



Specs/Dimensions

Material: 18 gauge stainless steel

Flow Rate: 8.5 GPM*

A Drain head OD: 5 $\frac{1}{8}$ "

B Tile insert OD: 4 $\frac{3}{8}$ "

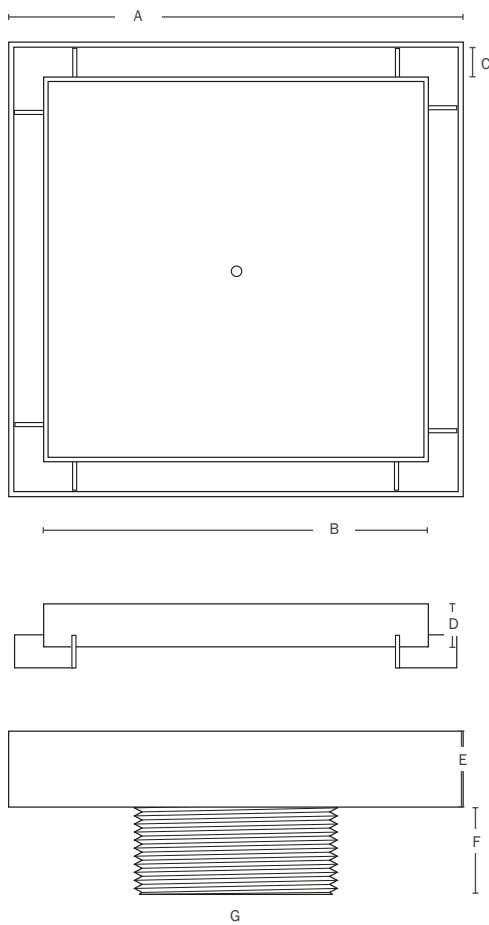
C Drainage slot: $\frac{3}{8}$ "

D Tile insert depth: $\frac{1}{2}$ "

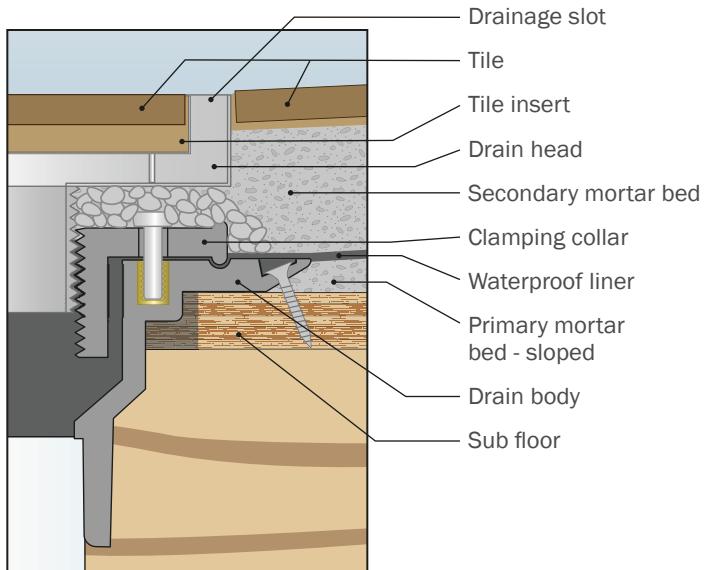
E Head depth: $\frac{7}{8}$ "

F Thread height: 1"

G Thread size: 2" MIP



Installation



The tile-in drain head installs like a standard drain head, but provides the look of a seamless tile floor.

* Estimated/calculated flow rate through the head (not the entire drain).

Buying Information

PVC ITEM NO.	ABS ITEM NO.	DESCRIPTION	PKG	MIN QTY	CASE QTY	LIST PRICE
SHOWER DRAIN WITH TILE-IN HEAD						
821-2PTQ	821-2ATQ	Shower drain with Tile-in head - 2" Sch. 40 hub connection	B*	1	1	\$75.50
821-T2PTQ	821-T2ATQ	Item listed above, with DoubleDuty™ test plug	B*	1	1	\$75.50
SEPARATE COMPONENTS						
821-2LTQ		Tile-in drain head only - 2" MIP thread	B*	1	1	\$69.50
821-HP2	821-HA2	Drain body & collar only for 821 series	B*	25	25	\$6.00
821-THP2	821-THA2	Item listed above, with DoubleDuty™ test plug	B*	25	25	\$6.00

PACKAGING:

B = Bulk

C = Cut Case

* Individually Bar-Coded

24110 South Peculiar Drive
Peculiar, Missouri 64078
P 1.800.821.3944
F 1.800.758.5950

PowerBarTM

» Universal Bracketing System



Unique

Patented. Pre-loaded, multi-size TouchDown™ clamps

Versatile

Adjustable or fixed-length bracket options with a full line of accessories and universal adjustability to accommodate just about any residential or commercial installation

Reliable

Made in the USA with the highest quality domestic materials available and backed by a 25-year warranty



Made in the USA

www.siouxchief.com

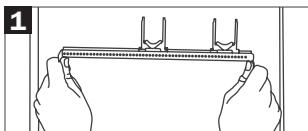
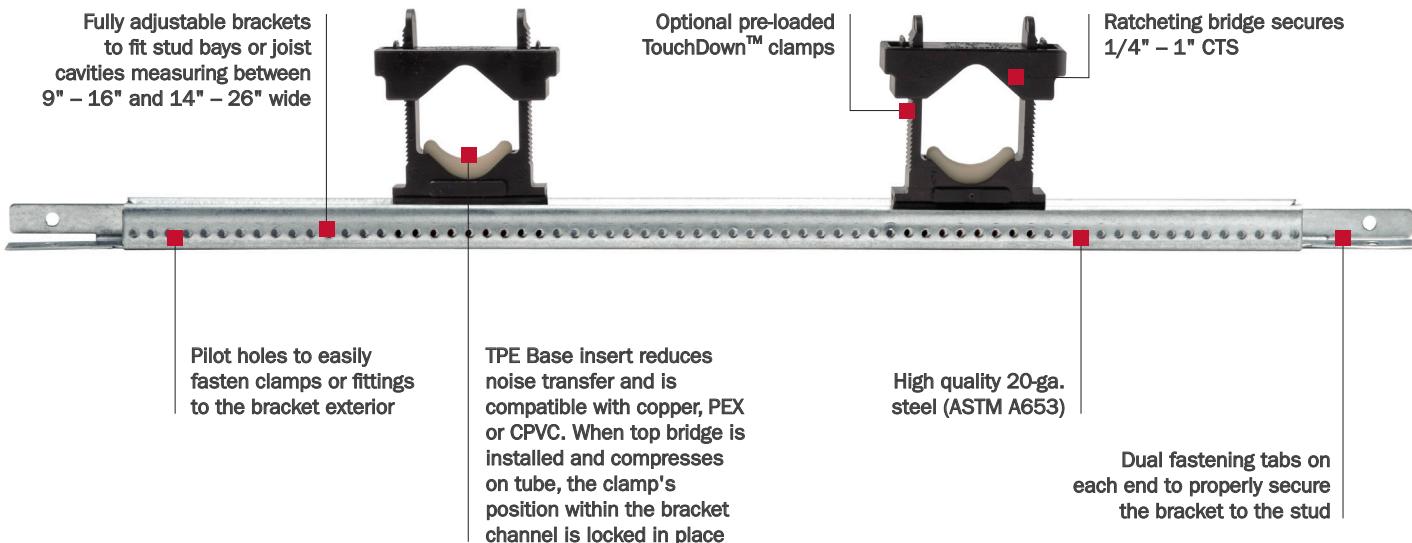
Supply | Drainage | Support

TAKE THE FIELD.

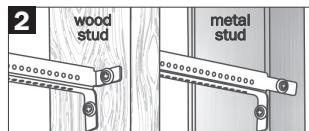
**Sioux
Chief**

PowerBar™ Adjustable Bracket

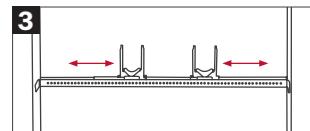
PowerBar™ is an affordable alternative to cutting wood blocks and metal studs for securing and supporting stub outs, shower valves/shower tree assemblies and water supply lines throughout rough-in phases of residential and commercial construction.



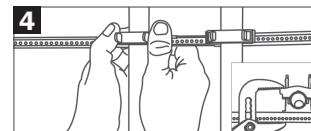
1. Adjust to fit stud cavity.



2. Secure all four tabs to wood or metal studs.



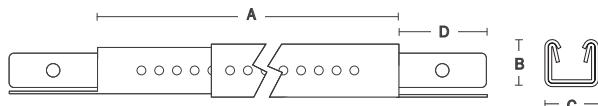
3. Move TouchDown™ clamps to proper location.



4. Ratchet bridge over tube/pipe. Be sure to bow the bridge.

» Specifications

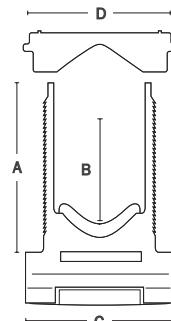
DESCRIPTION		16" STUD BAYS	24" STUD BAYS
A	Outer/inner bracket length	9"	14"
B	Bracket height	0.529"	0.529"
C	Bracket width	0.602"	0.602"
D	Tab length	1"	1"
E		9" = 90-lbs.	14" = 150-lbs.
		12" = 82-lbs.	17" = 115-lbs.
		15" = 66-lbs.	21" = 80-lbs.
		24" = 45-lbs.	



TouchDown™

Made from durable nylon, TouchDown™ Universal Pipe Clamps are compatible with copper, PEX or CPVC with a releasable locking mechanism for variable clamping tension that allows for thermal expansion.

TouchDown™ clamps are preloaded into the PowerBar™ to reduce installation time.



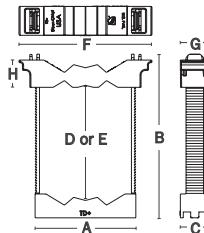
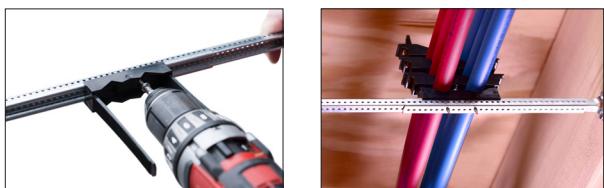
» Specifications

A	Clamp height	1-7/8"
B	Clamping range	1/4" - 1-1/8"
C	Clamp width	1-7/8"
D	Bridge width	2.02"
E	Load rating	70-lbs.

TD+™ Universal Pipe Clamp

TD+™ Universal Pipe Clamps are an upgrade to the TouchDown II™ predecessor. The clamps are compatible with copper, PEX and CPVC with a releaseable top bridge for variable clamping tension allowing for thermal expansion.

Install TD+™ directly to PowerBar™ brackets, studs or joists. Maximum pipe size is 2" Schedule 40.

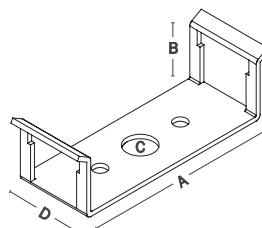


» Specifications

A	Clamp width	2.875"
B	Clamp height	4.67"
C	Clamp depth	0.825"
D	Clamp range	0.240" - 3.285"
E	Clamp range w/ acoustical cushions	0.240" - 3.085"
F	Bridge width	3.8"
G	Bridge depth	0.825"
H	Bridge height	0.778"
J	Temperature & load ratings	-10°F - 130°F = 150-lbs. 131°F - 180°F = 105-lbs. 181°F - 220°F = 70-lbs.

SaddleUp™

The SaddleUp™ galvanized clamp threads over the exterior of the PowerBar™ bracket and is available with or without a stainless steel band for supporting larger diameter tube/pipe.



» Specifications

A	Length	2.625"
B	Height	0.875"
C	Diameter	.400"
D	Width	1.0"

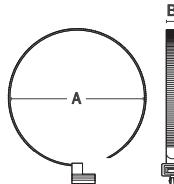
ZipStrap™

ZipStrap™ is ideal for bundling and organizing multiple lines on the job. It secures easily to a PowerBar™ with one screw and features a releasable locking strap for large O.D. pipe or conduit.



» Specifications

A	Strap capacity	0.875" - 6.875"
B	Strap width	0.75"
C	Load rating	25-lbs.



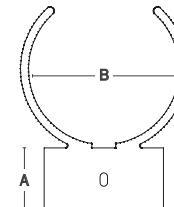
DWV ComboSaddle™

The ComboSaddle™ is specifically designed to attach to the PowerBar™ bracket. Ideal for centering waste or vent pipes between joists or studs. Each ComboSaddle™ fits two different pipe sizes and can be glued directly to the pipe with multi-purpose glue.



» Specifications

A	Saddle clamp base height	.80"
B	Clamping range	1.88" - 3.5"



Vinyl-Coated Steel Clamp

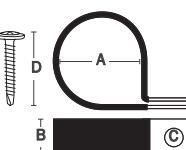
Versatile alternative when metal clamps are preferred over plastic. Available size options range from 3/8" through 1" CTS.

Note: Vinyl Coated Clamps are not CPVC compatible.



» Specifications

	DESCRIPTION	523-31	523-32	523-33	523-34
A	Clamp capacity	0.375" nom.	0.5" nom.	0.75" nom.	1" nom.
B	Strap width	0.5"	0.5"	0.5"	0.5"
C	Hole diameter	0.281"	0.281"	0.281"	0.281"
D	Screw length	1"	1"	1"	1"



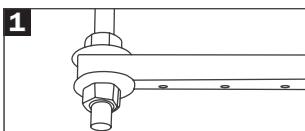
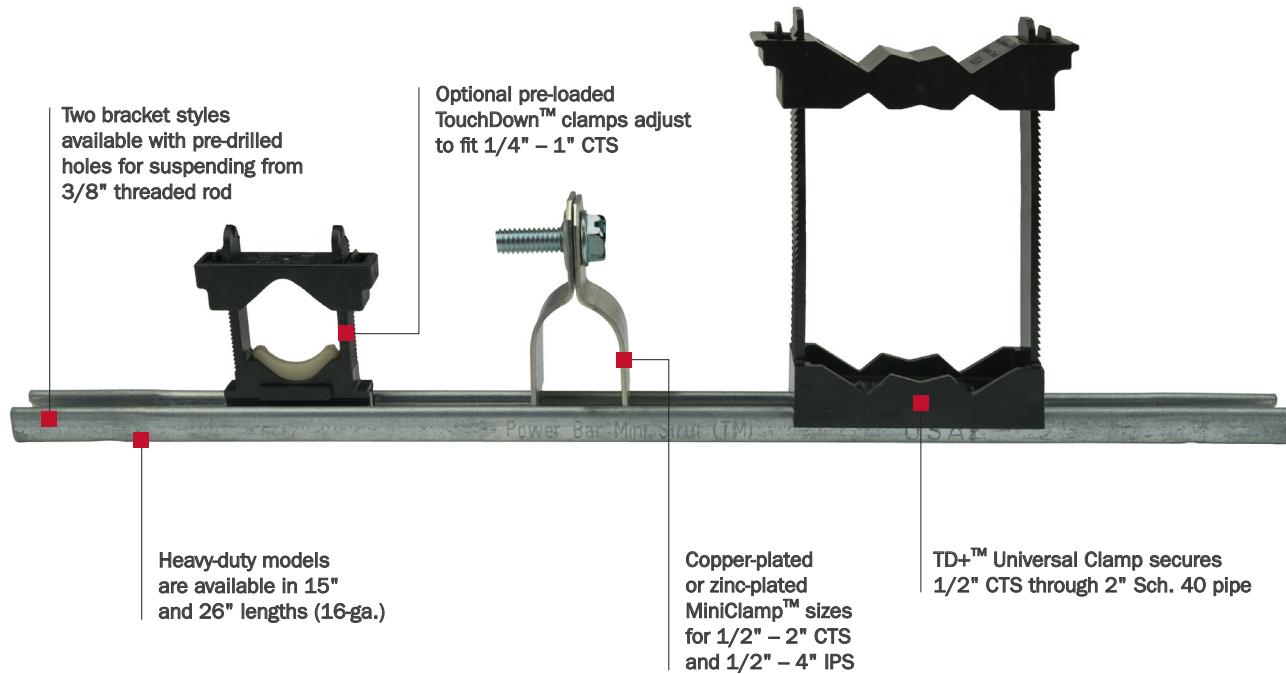
PowerBar™ Vent Loop Kit

Use PowerBar™ Vent Loop Kits on kitchen islands and other areas where a vertical vent pipe through the roof is not possible. These kits reduce costs and provide a professional look to exposed piping.

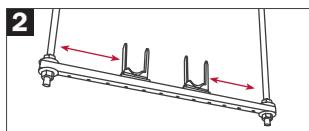


PowerBar™ Mini Strut Bracket

PowerBar™ Mini Strut is an economical alternative to cutting 10-ft. lengths of strut for common trapeze installations. Pre-cut bracket lengths made from high quality 16-ga or 20-ga galvanized steel with pre-drilled holes for 3/8" threaded rod reduces installation time to finish jobs ahead of schedule. Available with or without standard or PlenumSafe™ TouchDown™ clamps, size-specific steel clamps and available in different lengths, the PowerBar™ Mini Strut is Made in the USA of the highest quality materials.



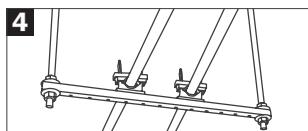
1. Suspend bracket with 3/8" threaded rod using washers and nuts.



2. Slide TouchDown™ clamps to desired location within the bracket.



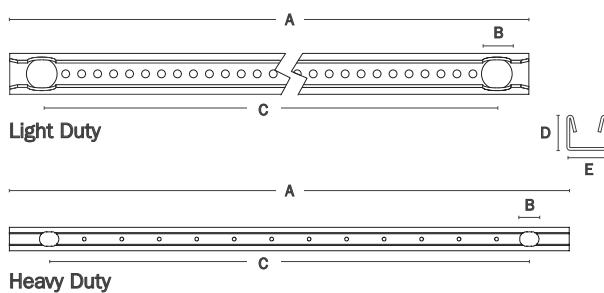
3. Position tube or conduit into clamp base.



4. Ratchet bridge of TouchDown™ clamps down tightly over both posts evenly.

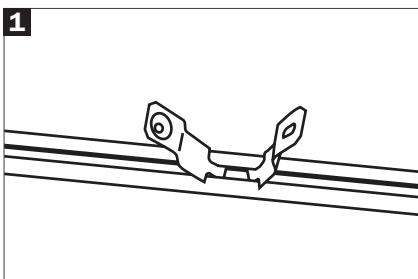
» Specifications

DESCRIPTION	LIGHT DUTY (20-ga.)	HEAVY DUTY LONG (16-ga.)	HEAVY DUTY SHORT (16-ga.)
A Length	13-5/8"	26"	15"
B Hole diameter	0.39"	0.515"	0.515"
C ATR center-line	12-3/4"	24"	13"
D Height	0.529"	0.465"	0.465"
E Width	0.602"	0.675"	0.675"
F (Center) Load ratings	70-lbs.	100-lbs.	250-lbs.

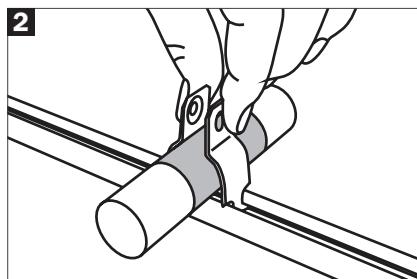


MiniClamp™

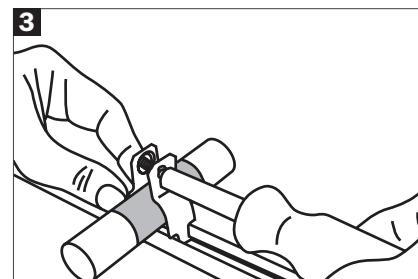
The MiniClamp™ is designed to work easily with any PowerBar™ bracket and stamped from high quality steel. Each clamp is stamped as one piece of steel. Break the clamp into two halves. The threaded form on one half eliminates the need for a nut. Once placed into the bracket, the MiniClamp™ stays erect, freeing both hands. Available in two finishes and IAPMO certified. Hardware to secure clamps around pipes is included.



1. Separate clamp and place in bracket.



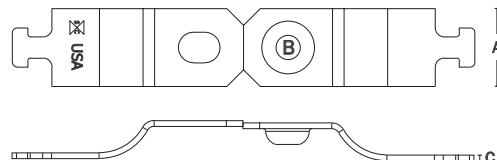
2. Wrap copper with 10-mil tape and install between 2 halves.



3. Insert screw/bolt and tighten.

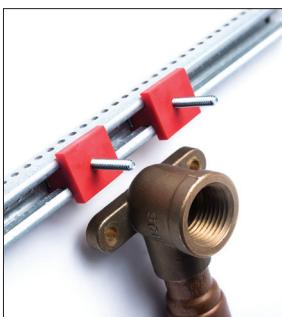
» Specifications

SIZE	O.D.	A: WIDTH	B: SCREW/ BOLT SIZE	C: GAUGE
Copper-Plated (CTS)				
1/2"	0.625"	0.704"	#8 x 3/4"	18
3/4"	0.875"	0.704"	#8 x 3/4"	18
1"	1.125"	0.875"	5/16-18 x 1"	16
1-1/4"	1.375"	0.875"	5/16-18 x 1"	16
1-1/2"	1.625"	1.00"	5/16-18 x 1"	16
2"	2.125"	1.00"	5/16-18 x 1"	16
Zinc-Plated (IPS)				
1/2"	0.840"	0.704"	#8 x 3/4"	18
3/4"	1.050"	0.704"	#8 x 3/4"	18
1"	1.315"	0.875"	5/16-18 x 1"	16
1-1/4"	1.660"	0.875"	5/16-18 x 1"	16
1-1/2"	1.900"	1.00"	5/16-18 x 1"	16
2"	2.375"	1.00"	5/16-18 x 1"	16
3"	3.500"	1.00"	5/16-18 x 1"	16
4"	4.500"	1.00"	5/16-18 x 1"	16



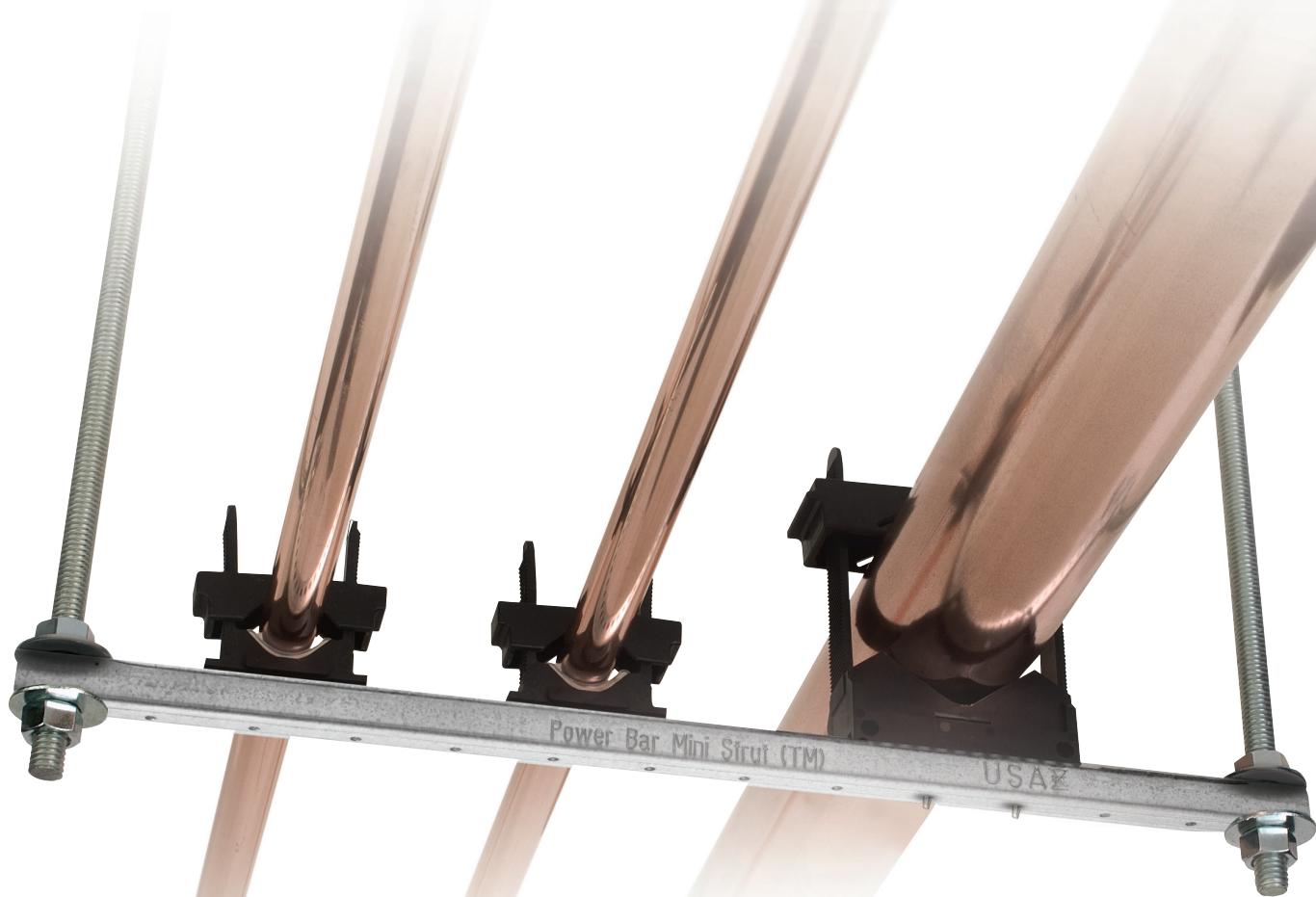
Also Available:

PipeDown™ Acoustical Options



PlenumSafe™ Options





“ I have been fortunate to win many other piping jobs because of the secure and neat work that we have been able to do with the use of the PowerBar™ Mini Strut brackets. We have enjoyed the product and this is the best piping support system that we have ever used. Just the time savings alone (not having to cut other types of strut) is well worth the investment. ”

Arty Rollins
Rollins Plumbing

New Product Introduction

HEAVY DUTY CLEANOUT HOUSING

Date: January 2021

In our continuing effort to expand the Commercial Drainage offering, Sioux Chief introduces the 850 Series Heavy-duty Cleanout Housing. These two new items are in stock and ready to ship.

Heavy-duty cleanout housings are often specified for use in high-traffic areas, both indoors and in parking or loading areas to protect an enclosed cleanout, valve, or other fixture from excessive loads.

The dual outer flanges ensure the housing is anchored firmly into the concrete slab and prevents load from being transferred to the pipe or fixture.

Cleanout housings are individually boxed. Models with both ductile iron covers and covers with nickel-bronze veneer include hex-socket fasteners and a center lift handle.



See new product information below:

Item No	Description	Min	Case
850-9i	Cast iron heavy-duty cleanout housing with ductile iron cover	1	1
850-9iN	Cast iron heavy-duty cleanout housing with ductile iron cover and nickel-bronze veneer	1	1

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