CONTRACTOR
LABOR SAVING
PRODUCTS

Figure No. 1775

Figure No. 5515

Figure No. 4020

Figure No. 1015
JAY R. SMITH MFG. CO.® LABOR SAVING PRODUCTS
Designed with the installer in mind. These products save time, require less manpower, and make the contractor’s job easier.

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Labor Saver® Fixture Support ......................................................................... 4

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The legs on this support provide numerous options to secure and transport a battery and/or mount or affix the supply line for the flush valve.

**PRO TIP:**
The legs on this support provide numerous options to secure and transport a battery and/or mount or affix the supply line for the flush valve.

**Benefits:**
A. Markings in ½” increments
B. M58 Faceplate with “O” Ring Seal:
   - Adjustable ABS nipple with integral removable test cap and integral molded coupling
   - 10 inch-long nipple covers various installations
   - Enhanced sealing with an “O” ring at the faceplate
C. One anchor per leg allows faster and easier prefabrication or installation
D. M54 Side Mounted Leg:
   - Symmetric construction
   - Increased load bearing capability
   - Faster rough-in for the installing contractor
   - Three anchor points for secure installation
   - Smaller chase space

**Up to 50% Labor Savings**

**Figure No. M58 Faceplate and -M54 Side Mounted Legs**
**PRO TIP:**

The unitized structure makes installation much simpler and faster when compared with installing and getting two individual uprights plumb. Also, the adjustment brackets provide the opportunity to change rough-in dimensions, should the fixture be changed at the last minute.

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**Pre-assembled, Easy to Adjust, Good for Narrow Wall and Metal Stud Configurations.**

**Benefits:**

A. Ox Bow Design Series for added rigidity and stability

B. Easy front adjustment after wall is in place.

C. Reduced installation space fits narrow wall and metal stud configuration

Narrow 3” footprint makes tight spaces easier to work within

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The Symmetric Design Series will accommodate a variety of fixture manufacturers in several configurations:

- Off-the-floor urinals (Fig. No. 0609/0610; 0614/0615; and 0616/0617)
- Off-the-floor lavatories with concealed arms (Fig. No. 0710)
- Off-the-floor lavatories; exposed arm (Fig. No. 0760 and 0762) and concealed hanger (Fig. No. 0801)
- Off-the-floor water coolers (Fig. No. 0831)
- Off-the-floor sinks (Fig. No. 0924 and 0925)
Smaller Pipe Diameter, Single Point of Discharge, Reduced Material Cost, Eliminates Slab Penetration Costs.

**PRO TIP:**
The siphonic drain is just one component in a siphonic drainage system. These systems should always have the approval of a plumbing engineer, licensed in the locale where the installation is to occur.

**Benefits:**
A. Full-bore flow within the piping enables pipe diameter to be reduced.
B. Siphonic action is independent of pipe pitch or gradient.
C. Smaller pipe diameters allow maximum use of open space and reduce material costs

**Features:**
- Minimizes slab installation costs
- Promotes self-cleaning of debris from the piping system.
- Fully tested and certified in accordance with ANSI/ASTM A112.6.9 “Siphonic Roof Drains”

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Reduces necessary discharge points to one corner

JAY R. SMITH MFG. CO. 800.467.6484 www.jrsmith.com
ADJUSTABLE ROOF DRAIN
A ROOF DRAIN WITH ADJUSTABLE EXTENSION

Benefits:
A. Large, low profile dome for quick drainage and protection against debris
B. Combined flashing clamp and gravel stop
C. Wide clamping surface to hold flashing and roofing materials
D. Adjustable extension for different insulation thicknesses
E. Reversible collar allows for two extension ranges:
   - Low Position – MIN 1 ¼”; MAX 2 ½”
   - High Position – MIN 2 ¼”; MAX 4”

Every bit of savings counts on a big job. When you choose an adjustable roof drain you eliminate the need to order multiple extensions in varying heights.

Contractors appreciate the fact that this roof drain can accommodate the inevitable inconsistencies in roof insulation thickness. Simply spin the adjustable extension to fit insulation from 1 1/4 inch to 4 inches of thickness.

PRO TIP:

Figure No. 1015
Adjustable Roof Drain

Used in flat roofs of any construction
Eliminates the Need for Underdeck Clamps; Installs From Top of Roof Deck

**PRO TIP:**
This combination roof drain and overflow drain is a great labor saver on flat roofs. The attached dual drain deck plate enables both drains to be secured to the roof deck from the top of the roof, eliminates the need for an underdeck clamp, and requires only one rectangular roof penetration—all helping to reduce installation time. Your customers will love it because the dual deck plate recesses the drains just enough to prevent water build-up at the base of the drains prolonging the life of their roof.

**Benefits:**
A. Installs from the top of the roof deck  
B. Recesses drains slightly to avoid water build-up at the base  
C. Requires only one rectangular roof penetration

**Features:**
- Eliminates the need for an underdeck clamp  
- Drains can be preassembled to the deck plate and installed in one piece
LOW PROFILE DOME ROOF DRAIN WITH DECK PLATE

PRO TIP:
Time, budget, and safety are important considerations in every job. Smith’s Roof Drain and Overflow Drain with Deck Plate can help with all three.

The drain eliminates the need for underdeck clamps and is mounted directly to the top deck, so it can be installed by a single person. Because you no longer need a second installer on the floor below, you remove potential safety hazards associated with climbing and save on installation time.

Saving time and labor leads to monetary savings that will help your budget.

1. Start with our sump receiver deck plate. (-RDP)
2. Place 1010 roof drain into the sump receiver deck plate.
3. Bolt the 4 angled steel support backets onto the roof drain until the deck plate is locked into place. (See -DPK Trim Kit)
4. Place the deck plate and roof drain combination on the roof and attach the deck plate to the roof structure. (Deck securing screws by others).

Benefits:
A. Speed. Installs using fasteners from the top of roof only. No under deck clamp required.
B. Reliability. The drain is installed in a recess to prevent a water dam.
C. Simplicity. Roof penetrations are square, not round, saving time

Features:
• Drain and deck plate can be pre-assembled and installed together to save time.
• Installation from above results in less time on ladders, increasing safety.

Figure No. 1010-RDP
Low Profile Dome with Deck Plate

Requires Less Manpower, Safer Install from Top of Roof Deck

A
B
C

JAY R. SMITH MFG. CO. 800.467.6484 www.jrsmith.com
**Top Mount, Adjustable, Eliminates the Underdeck Clamp, Eliminates Leaks Associated with Gaskets**

**PRO TIP:**
Eliminate any risk of leakage at your gasket seals by taking those seals out of the equation. This top mounted drain elevator, as the name suggests, lifts the drain out of the waterway. The only seal required is where the roof waterproofing material is flashed into the drain.

Elevates Figure Numbers 1005, 1010, 1070 and 1080 type roof drains

**Benefits:**
A. Top mount reversible collar eliminates the need for a conventional extension, underdeck clamp and sump receiver
B. Drain Elevator is outside of the waterway, eliminating leaks
C. Top adjustment at deck for an easier and more secure installation
D. The cast thread design provides for a quick adjustment—up or down with just one turn
E. Adjustable to compensate for insulation thickness. Overall adjustment height of 6-3/4”

JAY R. SMITH MFG. CO.  800.467.6484  www.jrsmith.com
Saves Maintenance by Keeping Debris Out

PRO TIP:
Building owners do not overlook even the smallest details when it comes to aesthetics. This style of downspout cover can be a better fit for a building's motif than the more traditional downspout nozzle.

Easy Installation, Low Maintenance
Typical downspout nozzles feature a cow's tongue design that leaves them vulnerable to nesting birds and rodents. This uniquely designed downspout cover features a preassembled design for easy installation. The cover keeps rodents and birds from nesting inside. It allows the water to flow while preventing tampering with the overflow roof drain concealed leader. These features reduce the maintenance required to keep the downspout nozzle functional.
1. Sewer gas emissions are a real problem.

2. This is a job for the Stink Stopper!

3. The Stink Stopper is inserted into the strainer throat...

4. And sewer gas emissions are sealed off.

**10 Year Warranty, Simple to Install and Easy to Remove—No Special Tools Needed, Fits Almost Any Floor Drain**

**PRO TIP:**
Instead of waiting for the inevitable call from a building owner complaining of sewer gas odor, it is better to be proactive and install the “Stink Stopper” in any drain that may be used infrequently.

An often overlooked application for a trap seal device is in institutions that close for the summer or long holidays. During these times, drains that usually don’t pose a problem will dry up and students and staff are greeted upon their return by a noxious odor.

**Easy to Install**—Insert the device in the drain outlet until it is flush with the bottom of the drain or top of the outlet piping. For strainers, insert the trap seal as low as possible into the throat of the strainer.

**A value for the purchaser**—Designed to handle a wide range of pipe and internal drain body diameters. Can be retrofitted into existing drains.

Available in 1-1/2”, 2”, 3”, 3-1/2”, 4”, & 6” sizes

**A Tested and Reliable Solution** – IAPMO Listed: File No. 7479.*  
ASSE Listed: Standard 1072—Record No. 1435*

**Figure No. 2692**
Quad Close Trap Seal Device
Protective Floor Drain Top Cover

Protects the Strainer Head Finish, Eliminates the Need to Tape

PRO TIP:
Are you tired of taping up all your strainer heads before a pour? Or even worse, the time it takes to then remove all that tape? Not only will this protective cover eliminate the need to tape, but it will also protect the finish during shipping, warehousing, and on the job site.

The cover protects the drain top during shipping, warehousing and on the job site.

Benefits:
A. Each protective cover is clearly marked with the product number and the Smith logo
B. In addition to the top cover, all strainer heads shipped individually are shrink wrapped in plastic before leaving the factory
C. The cover protects the drain top during the pour, preserving the finish
FORMIT® DRAIN INSTALLATION DEVICE

Keeps the Drain in Place Before and During the Pour, Provides Quick Height and Level Adjustments

**PRO TIP:**
We designed this labor saving floor drain stabilizer assembly with multi-story building construction in mind. Multiple floors means multiple drains and an increased risk of some of those drains falling over or being knocked out of position prior to and during the pour.

Simply mount this assembly directly onto the “fly-away” form and you eliminate the need to spend time and manpower going from floor to floor resetting misaligned drains.

**Benefits:**
A. Permits pre-assembly of the drain to the decking without connected piping below the forms.
B. After concrete has set and the forms have been stripped away, FormIt® allows easy access for final connection of the waste line piping.
C. Drain elevation can be easily adjusted and leveled to meet finished floor height.
D. Four anchor holes secure FormIt to the deck or sub-floor, providing stability during construction and concrete pour.

**Figure No. 2038**
Floor Drain with FormIt® Drain Installation Device

Concrete

(4) 5/16 x 12” Studs

Pipe (By Others)

(4) Anchor Holes

FormIt® Drain Installation Device

JAY R. SMITH MFG. CO. 800.467.6484 www.jrsmith.com
“TWIS-TO-FLOOR®” 4000 SERIES CLEANOUTS

Versatility in Adjustment Before and After the Pour

**PRO TIP:**
Never underestimate the importance of aesthetics to your client. Our cleanouts allow you to exchange our factory covers with scoriated tile or terrazzo covers.

Concrete pours are not a precise science. Once the surface is dry, you often find your cleanouts need adjusting—a fraction lower here, a fraction higher over there. Our Twis-to-Floor cleanouts allow you to make that adjustment with a simple twist.

**Benefits:**
A. Unique top assembly allows for interchangeability of scoriated, tile or terrazzo covers
B. One size top assembly for 2-4” outlet ferrules
C. Top frame stays in place when cover is removed

**Features:**
- Thicker finished floor cover reinforced with support ribs for strength and durability
- Smooth outside surface of the top assembly and thread protector
- Styrofoam ring maximize adjustment during and after the finished floor concrete pour

**Ferrule Assembly Features:**
- Top assembly offers easy attachment to ferrule.
- Easy to install clamping device.
- Cast iron clamping device providing maximum clamping force to the membrane.
Easy installation in Concrete Buildings

**PRO TIP:**
Save the drilling until after the building has been erected and the plumbing is in place. As you know, even approved final drawings have a way of changing at the last minute.

Specifically designed with tilt-up concrete buildings in mind, this hydrant box will cut your wall hydrant installation labor time by at least 75 percent. Once your walls are in place, you simply core drill a six-inch hole in the wall and slide the hydrant box right in.

**Features:**
- Removable “T” handle key
- Bronze nickel plated hydrant
- Commercial and light commercial construction applications

**Benefits:**
A. Frame, cover & housing are made of 16 gauge, type 304 stainless steel
B. 3/4" inlet and hose connection
C. Easy installation in core drilled concrete wall. Fits 6" diameter cored drill hole
D. Locking hinged cover opens 180°
E. Flush installation to eliminate catch points
F. Quarter-turn full-flow feature
G. Regularly furnished with the 5609QT hydrant
   - Mild climate or non-freeze hydrant with integral vacuum breaker and vandal-resistant cap

**Figure No. 5509QT-R**
Cored Hole Boxed Hydrant
(Shown with 5609QT Hydrant)
Meets ANSI A112.21.3
GUARDIAN DUAL CHECK® HYDRANT

Specifications:
- Complies with ASME A112.21.3M
- Complies with ASSE 1019B, 1052 and 1053
- IAPMO Listed, File #2749

Benefits:
A. Flush installation to eliminate catch points
B. Self draining non-freeze hydrant with dual check valve & integral vacuum breaker
   - 3/4” inlet and hose connection
C. Quarter-turn full-flow feature
D. Drop down full-flow feature
E. Optional key lock door protects from unwanted access
F. 16 gauge type 304 stainless steel frame & cover with 20 gauge housing and stainless steel face

Features:
- Removable “T” handle key or optional ergonomically designed wheel handle.
- Commercial construction applications.

PRoTIP:
The Guardian Dual Check hydrant, with the box, is the go-to choice for contractors working on brick façade buildings. This ergonomic hydrant is designed to fit into the space of one standard brick for easy installation. That adds up to significant time savings because you eliminate extra cuts and mortar repair.

The Guardian Dual Check hydrant, with the box, is the go-to choice for contractors working on brick façade buildings. This ergonomic hydrant is designed to fit into the space of one standard brick for easy installation. That adds up to significant time savings because you eliminate extra cuts and mortar repair.

Fits the Space of One Standard Brick, Aesthetic Design for Building Exterior, Ergonomic Design

Available with Round Box with Cover for 6” (150 mm) Cored Drill Hole
See Figure No. 5517
GUARDIAN PLUS DUAL CHECK® HYDRANT
WITH INTERGAL VACUUM BREAKER, INTEGRAL STOP WATER SERVICE SHUT-OFF VALVE, DUAL CHECK VALVE AND STAINLESS STEEL BOX

Specifications:
• Complies with ASME A112.21.3M
• Complies with ASSE 1019B, 1052 and 1053
• IAPMO Listed, File #2749

Benefits:
A. Self draining, non-freeze hydrant with dual check valve and integral vacuum breaker - 3/4” (19) inlet and hose connection
B. Quarter-turn full-flow feature
C. Service shut-off valve for easy maintenance
D. Bronze hydrant with stainless steel face
E. Flush installation eliminates catch points
F. Drop down locking hinged cover opens 180°
G. 16 gauge stainless steel frame cover & 20 gauge housing, type 304 stainless

Features:
• Commercial construction applications
• Replacement parts are available in kit HPRK-19

FIG. # 5515
Guardian Plus Dual Check® Box Hydrant with Integral Stop Water Service Shut-off Valve and Non-freeze Protection

Water Service Shut-off Valve

PRO TIP:
No more shutting off water service to the entire building when performing routine maintenance on hydrants. The Guardian Plus has its own shutoff valve meaning the water will continue to flow everywhere except at the hydrant.
FIGURE NO. 9960 - 12” WIDE TRENCH DRAIN SYSTEM

PRO TIP:
Do you have a complicated project that requires connections at different angles and varying lengths? Let us help you design your entire trench system for maximum efficiency and save you time by pre-cutting each section before packing it up and shipping everything to your job site.

The Bigger the Job—the More Time Saved
Saving labor with Zip Trench starts the moment you unpack the crate. Each 3-meter run comes pre-assembled. Then, to make things even easier, we number each run for your job, so you know where they go. On top of that, the sections are lighter weight and easier to move around than a cast-in-place trench. All this adds up to a trench system that is faster to install, has fewer joints to connect, and requires fewer workers to set up.

Requires Fewer Joint Connections, Light-weight, Arrives Pre-assembled

9960 12” Wide Zip Trench™ System Features
• Fast, long, pre-assembled runs: 9’-10” (3 meter) long channels
• 16 channels—12 sloping and 4 neutral from a depth of 7-9/16” - 22-9/16”
• Better chemical resistance than polyethylene
• Temperature rating of 180 degrees vs 140 degrees F with polyethylene
• Built-in slope 1.07%
• 4 grate types:
  Class C—Stainless steel perforated and mesh
  - Galvanized steel perforated and mesh
  Class E—Ductile Iron ADA
  - Ductile Iron Slotted

9940 6” Wide Zip Trench™ System Features
• Fast, long, pre-assembled runs shipped from factory: 9’-10” (3 meter) long channels
• 16 Channels - 12 sloping channels and 4 neutral channels from a depth of 4.81” to 13.81”
• Lighter weight and faster to install than polymer concrete
• Better chemical resistance than polyethylene
• Temperature rating of 180 degrees vs 140 degrees F with polyethylene
• Load Class A–E
• Built-in slope .6%
Benefits:

A. Male/female lap joints for speed

B. Heavy polypropylene ribbing throughout to reinforce during concrete pour

C. 5/16” dia. anchor studs welded at 20” on center

D. Welded rebar mounts on 5’ center

E. Polypropylene Material:
   - Includes UV inhibitors

F. Vertical Outlets
   - 4”, 6”, and 8” no-hub vertical outlets
   - Mounting lugs on every 9-13/16” (9.84” meter) center
   - End outlets and end caps available

G. Frames:
   - One piece - 9’-10” (3 meters) long. Frame ships assembled to channel
   - 7 gauge
   - Painted steel frame is standard
   - Transfers traffic load to surrounding concrete
INNOVATIVE SPIRIT AND ENGINEERING FOUNDATION

"What sets us apart from competitors is our engineering and spirit. We have a 'can-do' spirit. If you ask us to do something, we will do it or figure out how to do it. That’s the part our customers like, that’s the part we like."

- Don Morris, President and CEO, Morris Group International