

55	Cushion Clamp Assembly, ASC # FIGS. AS 004OD - AS 106P (Page 61)	X				N/A
56	Threaded Rod, ASC #FIG. 146 (Page 65)	X				N/A
57	Flat Washer, ASC #FIGS. AS 209 (Page 66)		X			Specify washers as galvanized to match hexagon nuts.
58	Hexagon Nut, ASC #FIGS. AS 83-EG (Page 67)	X				N/A
59	Rooftop Supports, Eaton (Page 68)	X				N/A
22 10 06-01 Plumbing Piping Specialties						
60	WCO, Jay R. Smith #4710 (Page 73)	X				N/A
61	FCO, Jay R. Smith #4034L (Page 75)		X			Specify flashing clamp and flashing flange as indicated by cutsheet.
62	COTG/DCOTG, Jay R. Smith #4234L (Page 77)	X				N/A
63	Water Hammer Arrestors (WHA), Precision Plumbing Products (Page 79)	X				N/A
64	Cast Iron Downspout Boot, J.R. Hoe #O-R824F (Page 82)	X				N/A

Quality People. Building Solutions.

Comfort Systems USA (Arkansas), Inc.
P.O. Box 16620
Little Rock, AR 72231
Phone 501-834-3320
Fax 501-834-5416

Date: 2/4/2025

Return Request: 2/14/2025

Project: City Of Sherwood Public Works (Maintenance Building)

Supplier: Falk

Manufacturer: Various

Submittal: Plumbing Piping Specialties

Submittal Number: 22 10 06-01

Drawing # and Installation: Plumbing Drawings

ARCHITECT

Cromwell
1300 East 6th Street
Little Rock, AR 72202
501-372-2900

ENGINEER

Cromwell
1300 East 6th Street
Little Rock, AR 72202
501-372-2900

GENERAL CONTRACTOR

Baldwin & Shell
1000 W. Capitol Ave.
Little Rock, AR 72201
501-374-8677

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
9924 Landers Rd.
N. Little Rock, AR 72117
501-834-3320

Notes:

CSUSA PROJECT NO.

24-6084

sean@comfortar.com

9924 Landers Rd.
No. Little Rock, AR 72117

WCO

WALL ACCESS COVERS

ROUND FACE-OF-WALL COVER AND SCREW

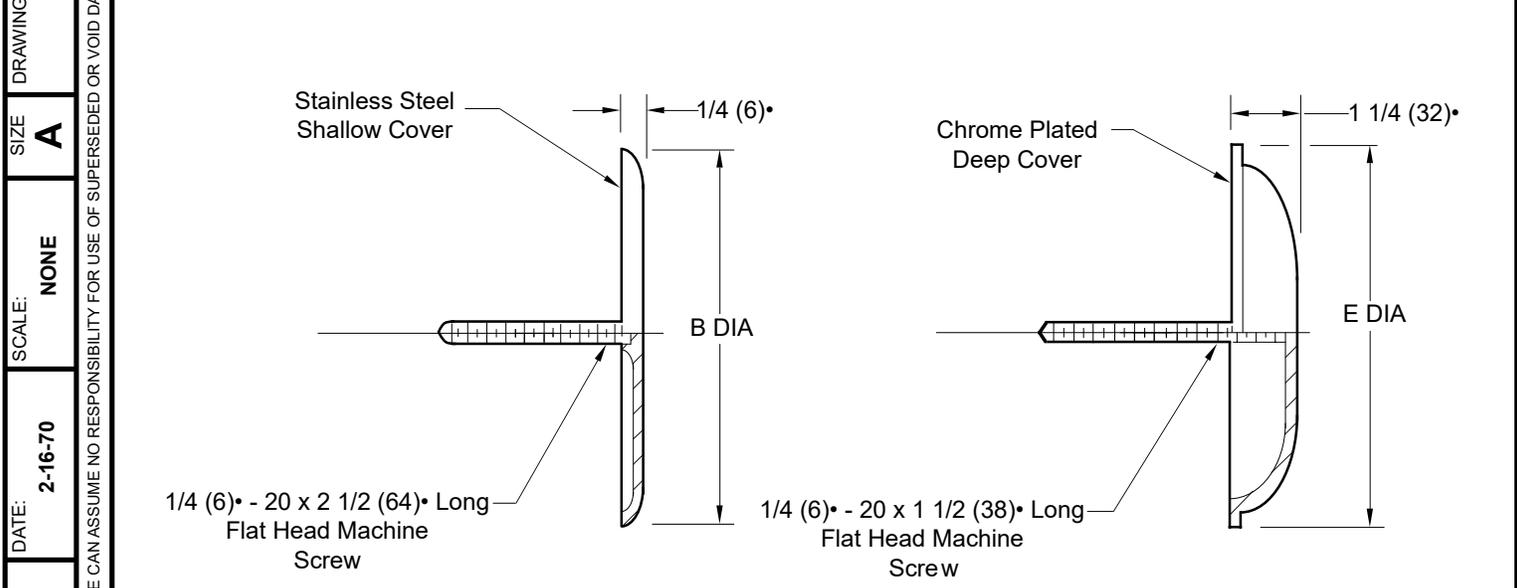


Fig. 4710 ← eg: 4710 (-04)**
 Fig. 4715 eg: 4715 (-07)Δ

Plug Size•	Fig. 4710• B Dia.	Specify FIG.	Fig. 4715• E Dia.	Specify FIG.
1 1/2 (38), 2 (51), 2 1/2 (64)	4 1/4 (110)	4710 (-04)	*7 1/4 (185)	4715 (-07)
3 (76), 3 1/2 (89), 4 (100)	5 1/4 (135)	4710 (-05)	*7 1/4 (185)	4715 (-07)
5 (125)	7 (180)	4710 (-07)	*7 1/4 (185)	4715 (-07)
6 (150)	9 1/4 (235)	4710 (-09)	9 1/4 (235)	4715 (-09)
8 (205), 10 (255)	11 1/4 (285)	4710 (-11)	11 1/4 (285)	4715 (-11)

* = Die Formed SS Cover Only.
 ** Reflects "B" DIA.
 Δ Reflects "E" DIA.
•NOTE: Dimensions shown in parenthesis are in millimeters.

REGULARLY FURNISHED: Stainless Steel Shallow Cover or Chrome Plated Bronze Deep Cover with Center Screw as Indicated by Figure Number Selected.	VARIATIONS: <input type="checkbox"/> Longer Center Screw (Specify Length) <input type="checkbox"/> Vandal Proof Screw -U	OPTIONAL MATERIALS: <input type="checkbox"/> Nickel Bronze -NB (Fig. 4715 only) <input type="checkbox"/> Polished Bronze Cover -PB <input type="checkbox"/> Prime Coated Steel Cover -PC (Fig. 4710 only)
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DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

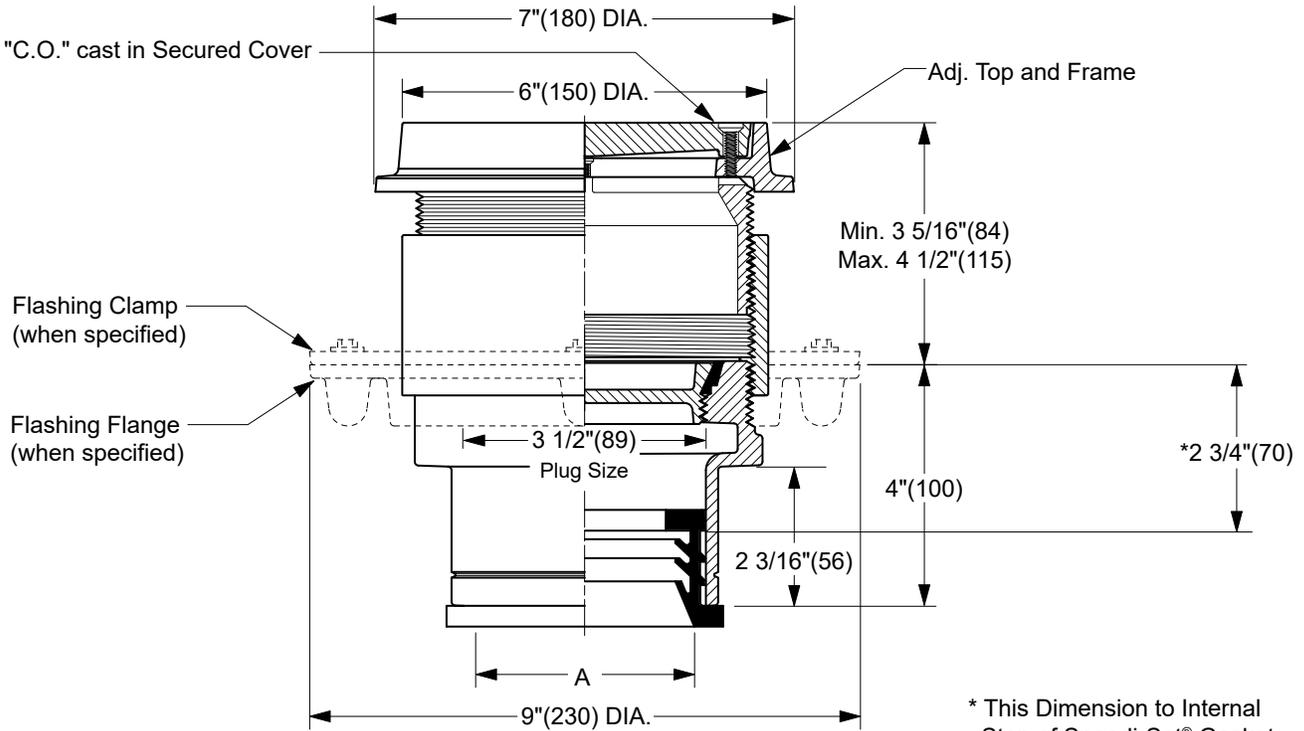
FIGURE NUMBER	K J I H	8-18-23 11-6-12 1-19-96 8-31-95	Removed Functon Revised table Revised table Chg Table	HS TBW CMD EMB	CL CL BS BS	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 4710, 4715
REV.	DATE	DESCRIPTION	BY	CKD. BY				

FCO

COTG, DCOTG

FLOOR CLEANOUTS WITH "TWIS-TO-FLOOR"® ADJUSTABLE TOPS FOR UNFINISHED AREAS

ROUND EXTRA HEAVY DUTY CAST IRON TOP WITH PUSH-ON SPEEDI-SET® OUTLET



TWIS-TO-FLOOR® ADJUSTMENT
SPEEDI-SET® OUTLET ▲

"A" (Pipe Size) = 02(50), 03(75) or 04(100)

Conforms to ASME A112.36.2/CSA B79.2

- | | | |
|---|--|---|
| <input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/> | Fig. 4231L.....Gasket Seal - ABS Plug
Fig. 4232L.....Gasket Seal - Bronze Plug
Fig. 4233L.....Taper Thread - Bronze Plug
Fig. 4234L.....Taper Thread - ABS Plug | (Twis-to-Floor® design shown with gasketed plug.)
NOTE: Dimensions shown in parentheses are in millimeters. |
|---|--|---|

REGULARLY FURNISHED:
 Duco Cast Iron Cleanout with Round Adjustable Scoriated Secured Cast Iron Top. Closure Plug Type as Indicated By Figure Number Selected.

- VARIATIONS:**
- | | |
|--------------------------|---------------------------------|
| <input type="checkbox"/> | Flashing Flange -F |
| <input type="checkbox"/> | Flange with Flashing Clamp -F-C |
| <input type="checkbox"/> | Vandal Proof Top -U |
- ▲ Available in Extra Heavy, Service Weight or NO-HUB.

- OPTIONAL MATERIALS:**
- | | |
|--------------------------|-------------------------|
| <input type="checkbox"/> | Galvanized Cast Iron -G |
| <input type="checkbox"/> | Ductile Iron Cover -M |

DRAWING NUMBER **S4231**
 SIZE **A**
 SCALE: **NONE**
 DATE: **2-16-70**
 APPROVED BY: **JM**
 CHECKED BY: **BH**
 DRAWN BY: **RK**
4231 SERIES
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE
 WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

S P O R T	11-25-24 4-11-24 8-17-23 3-14-23	Revised Description Added ASME Note Removed Function Added ® to Speedi-Set	HS HS HS KK	CL CL CL CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 4231 SERIES
REV.	DATE	DESCRIPTION	BY	CKD. BY			

WHA



Precision Plumbing Products

"Specify with Confidence - Install with Pride"

LEAD FREE

THREADED WATER HAMMER ARRESTORS

www.pppinc.net

ONLY ONE MOVING PART!

WATER HAMMER ARRESTORS ARE SPECIFIED FOR COMMERCIAL, INDUSTRIAL AND RESIDENTIAL USES.

PPP WATER HAMMER ARRESTORS SPECIFIED FOR MANY INSTALLATIONS!



A maintenance-free installation is assured when using this type of arrestor...the only moving part is the free-moving piston furnished with "O"ring seals which have been tested for reliability in excess of normal operating ranges.

SC-500A - SC-2000F

FLUID HAMMER IN FLUID TRANSMISSION LINES – a definition.

Fluid Hammer is a series of hydraulic shock waves generated within the confines of a piping system due to the sudden stopping of fluid flow. This condition is caused by fast closing of positive valves incorporated within the system. The effect of fluid hammer is damaging if allowed to exist for any length of time and will result in broken pipes and damage to other components in the system.

U.S. Patent No. 3,633,627

40 Years of outstanding performance



Low Lead



Complies with low lead law.



Made in the U.S.A. We do not export jobs.



SPECIFICATIONS & INSTALLATIONS



INSTALLATION: May be installed in new or existing plumbing systems with a standard pipe tee.

MAINTENANCE: Maintenance free – the piston is the only moving part.

TEMPERATURE RANGE: -40° F to + 212° F (-4.4° C to + 100° C)

CONSTRUCTION: Barrel-fabricated of type “L” hard drawn copper.

Cap: Copper or free turning brass.

Piston: Machined of Composite Material

Threaded Adapter: Machined of C69300 Low Lead Brass

A Seals: “O”rings: EPDM.

Seal Lubricant: Dow-Corning Silicone Compound #111, FDA listed for use in potable water systems.

Nickel Plated: For Salt Water Application.

OPERATING PRESSURE: Designed to operate on all domestic and commercial systems.

Normal operating pressure 0 to 80 PSIG. Max spike pressure 400 PSIG. System Pressures above 80 PSI consult factory.

SIZING INFORMATION

For equipment and fixtures not listed below, size in accordance with load values (WSFU) assigned the same.

Extract from: PDI WH201-06

FIXTURE	TYPE OF SUPPLY CONTROL	WEIGHT IN FIXTURE UNITS			
		Public		Private	
		C.W.	H.W.	C.W.	H.W.
Water Closet	Flush Valve	8	-	5	-
Water Closet	Flush Tank	5	-	2.5	-
Pedestal Urinal	Flush Valve	4	-	-	-
Stall or Wall Urinal	Flush Valve	4	-	-	-
Lavatory	Faucet	1 1/2	1 1/2	1	1
Bathtub	Faucet	2	3	1 1/2	1 1/2
Shower Head	Mixing Valve	2	3	1	2
Bathroom Group	Flush Valve Closet	-	-	8	3
Bathroom Group	Flush Tank Closet	-	-	6	3
Separate Shower	Mixing Valve	-	-	1	2
Service Sink	Faucet	3	3	-	-
Laundry Tubs (1-3)	Faucet	-	-	3	3
Comb. Fixture	Faucet	-	-	3	3

PDI SIZING AND SELECTION TABLE

PIPE SIZE	FIXTURE UNITS	CROSS REF. PDI
1/2"	1-11	A
3/4"	12-32	B
1"	33-60	C
1 1/4"	61-113	D
1 1/2"	114-154	E
2"	155-330	F

Extract from: PDI WH201

B

**NO ACCESS PANEL REQUIRED
(CONSULT LOCAL CODES)**

DIMENSIONAL AND AIR LOADING DATA

PART NUMBER	A OAL	B NPT	NITROGEN PRELOAD PSI
SC-500A	6 1/4"	1/2" brass	60
SC-750B	7 1/4"	3/4" brass	60
SC-1000C	9 1/4"	1" brass	60
SC-1250D	9 1/2"	1" brass	60
SC-1500E	11 1/4"	1" brass	60
SC-2000F	12"	1" brass	60

PROJECT SUBMITTAL

Project: _____

Contractor: _____

Engineer: _____

Date Submitted: _____

Prepared By: _____

Precision Plumbing Products

Division of JL Industries, Inc.



802 SE 199th Avenue
Portland, Oregon 97233

T (503) 256-4010
F (503) 253-8165

www.pppinc.net

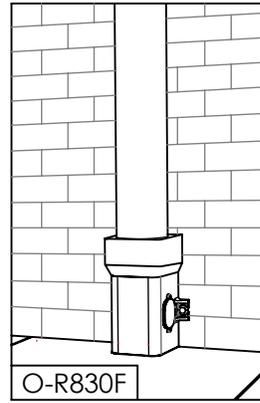


Complies with low lead law.

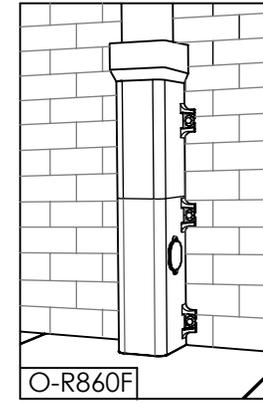
DOWNSPOUT BOOT

O-Series - Offset Outlet
8" ROUND TOP BELL
CAST IRON DOWNSPOUT BOOT

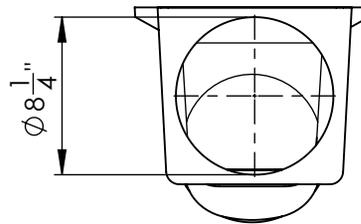
PART No.	LENGTH "L"	OUTLET O.D. "O"	WEIGHT	CLEANOUT
O-R824F	24"	8.25"	93.6 LBS.	YES
O-R824FX	24"	8.25"	93.5 LBS.	NO
O-R830F	30"	8.25"	113.7 LBS.	YES
O-R830FX	30"	8.25"	113.5 LBS.	NO
O-R836F	36"	8.25"	134.8 LBS.	YES
O-R836FX	36"	8.25"	134.5 LBS.	NO
O-R842F	42"	8.25"	157.1 LBS.	YES
O-R842FX	42"	8.25"	157.7 LBS.	NO
O-R848F	48"	8.25"	180.8 LBS.	YES
O-R848FX	48"	8.25"	180.5 LBS.	NO
O-R854F	54"	8.25"	197.9 LBS.	YES
O-R854FX	54"	8.25"	197.6 LBS.	NO
O-R860F	60"	8.25"	225.6 LBS.	YES
O-R860FX	60"	8.25"	225.3 LBS.	NO
O-R866F	66"	8.25"	245.6 LBS.	YES
O-R866FX	66"	8.25"	245.3 LBS.	NO
O-R872F	72"	8.25"	266.1 LBS.	YES
O-R872FX	72"	8.25"	265.7 LBS.	NO



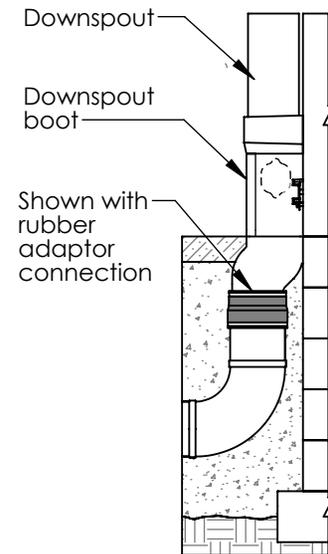
O-R830F
INSTALLED VIEW



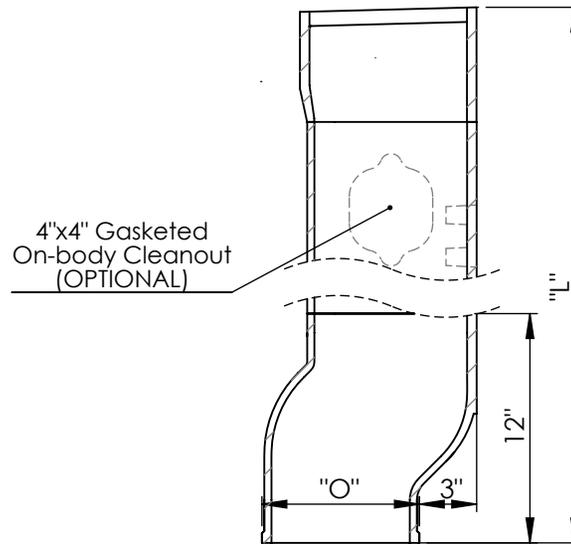
O-R860F
INSTALLED VIEW



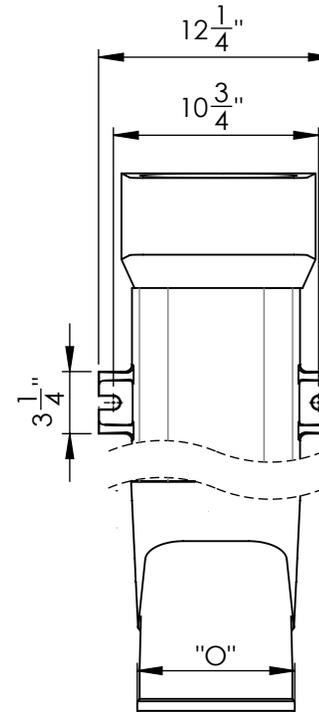
TOP VIEW



TYPICAL
MOUNTED DETAIL



SIDE VIEW



FRONT VIEW

NOTES:

- * LENGTHS 48" OR GREATER SUPPLIED WITH TOP EXTENSIONS. (2-pc. boot)
- * CUSTOM LENGTHS AND CONFIGURATIONS AVAILABLE.
- * PART DRAWING FOR INDIVIDUAL MODEL NUMBER AVAILABLE UPON REQUEST.
- * STANDARD CLEANOUT LOCATION RIGHT SIDE FACING BOOT, MAY BE RELOCATED TO LEFT OR FRONT UPON REQUEST.

DOWNSPOUTBOOTS.com

A DIVISION OF **J.R. HOE**

Ph: (606) 248-5560
F: (606) 248-6308

MATERIAL: ASTM-A48 CLASS 30 CI
100% Made in USA