

SUBMITTAL REVIEW



CLIENT NAME: Vails Gate Fire Department
PROJECT TITLE: Vails Gate FD - New Firehouse
SUBMITTAL No.: 224000-1 **H2M PROJECT No.:** VGFD2001
SUBMITTAL NAME: Plumbing Fixtures Phase 2 PD

SUBMITTAL REVIEW	
REVIEW IS FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS. NO RESPONSIBILITY IS ASSUMED FOR CORRECTNESS OF DIMENSIONS OR DETAILS	
<input checked="" type="checkbox"/> NO EXCEPTIONS TAKEN	<input type="checkbox"/> SUBMIT SPECIFIED ITEM
<input type="checkbox"/> MAKE CORRECTIONS NOTED (RESUBMISSION NOT REQUIRED)	<input type="checkbox"/> NO ACTION TAKEN (REVIEW IS THE RESPONSIBILITY OF ANOTHER PARTY)
<input type="checkbox"/> REVISE & RESUBMIT	<input type="checkbox"/> NO ACTION TAKEN (THIS SUBMITTAL IS NOT REQUIRED BY THE CONTRACT)
<input type="checkbox"/> REJECTED - SEE REMARKS	<input type="checkbox"/> RECEIVED FOR RECORD
<p>Corrections or comments made on the shop drawings during this review do not relieve contractor from compliance with requirements of the drawings and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating their work with that of all other trades; and performing the work in a safe and satisfactory manner.</p> <p>H2M architects + engineers</p> <p>Date: 04/10/2023 By: KJE</p> <p>Rev.: 2020-05-20</p>	

Comments:

H2M Plumbing:

1. See comments throughout

SUBMITTAL REVIEW



CLIENT NAME: Vails Gate Fire Department
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SUBMITTAL No.: 224000-1 **H2M PROJECT No.:** VGFD2001
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Comments:

--

CONTRACTOR'S COMPANY NAME
ADDRESS

SUBMISSION TRANSMITTAL FORM
CLIENT NAME: Vails Gate Fire District
PROJECT TITLE: VGFD2001-New Firehouse

H2M PROJECT NO.: VGFD2001

Product, Item, or System Submitted:	Plumbing Fixtures Product Data (Phase 2)		
Submission Date:	04/04/23	Submission Log No.:	224000-1
Specification Section:	224000	Paragraph Reference:	1.04.B
Contract Drawing Reference(s):			
Manufacturer's Name:			
Manufacturer's Mailing Address:			
Manufacturer's Contact Information:	Name	() Tel. no.	Email
Supplier's Name:	Joseph Lombardo Plumbing & Heating		
Supplier's Mailing Address:			
Supplier's Contact Information:	Name	() Tel. no.	Email
This item is a substitution for the specified item:	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	
<p>KEY CONSTRUCTION SERVICES, LLC</p> <p>Project No: VGFD2001</p> <p><small>Reviewed for General Acceptance Only. This review does not relieve the Subcontractors or Suppliers of responsibility for making the work conform to the requirements of the contract. The Subcontractor and Suppliers are responsible for all dimensions, correct fabrication and accurate fit with the work of other trades.</small></p> <p><u>SUBJECT TO ARCHITECT AND OR ENGINEER APPROVAL</u></p> <p>Signed <i>Joseph Manfredi</i> (PM) Date: 4/4/2023</p> <p>Contractor's Approval Stamp with Signature & Date</p>		<p><u>Contractor's Brief Comments or Remarks</u> (attach separate letter as needed):</p> <p>By making this submission, we represent that we have determined and verified all field measurements and dimensions, field construction criteria, site and building constraints in terms of limitations in moving the item into the enclosed space, materials, catalog and model numbers and similar data and that we have checked and coordinated this submission with other work at or adjacent to the installed location in accordance with the requirements contained in the Contract Documents.</p>	

END OF SECTION 013300

Joe Lombardo
Plumbing & Heating of Rockland, Inc.

321 Spook Rock Road
Suffern, NY 10901
Ph. 845-357-6537 Fx 845-357-8529
E: info@josephlombardo.com
Website: www.josephlombardo.com

Rockland Cty. Plumbing #1000 Rockland Cty. Cooling # 1468
Westchester Cty. Plumbing #460 New Jersey State Plumbing #12702

TO: Key Construction
4246 Albany Post Rd. Suite 1
Hyde Park, NY 12538

LETTER OF TRANSMITTAL

Form with fields: DATE: 4-3-23, JOB NO., ATTENTION: Joe Manfredi, RE: Vails Gate Firehouse

WE ARE SENDING YOU [] Attached [] Under separate cover via the following items:
[] Shop Drawings [] Prints [] Plans [] Samples [] Specifications
[] Copy of letter [] Change order []

Table with 4 columns: EMAIL, DATE, No., DESCRIPTION. Row 1: 1, 4-3-23, 224000, PLUMBING FIXTURES PHASE 2

THESE ARE TRANSMITTED as checked below:
[] For approval [] No Exceptions Taken [] Resubmit copies for review
[] For your use [] Make Corrections Noted [] Submit copies for distribution
[] As requested [] Rejected [] Return corrected prints
[] For review and comment []
[] FOR BIDS DUE 20 [] PRINTS RETURNED AFTER LOAN TO US

COPY TO: Joe Manfredi SIGNED: Ronald J. Lombardo

Joe Lombardo
Plumbing & Heating of Rockland, Inc.

321 Spook Rock Road
Suffern, NY 10901
Ph. 845-357-6537 Fx 845-357-8529
E: info@josephlombardo.com
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- ☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

EMAIL	DATE	No.	DESCRIPTION
1	4-3-23	224000	PLUMBING FIXTURES PHASE 2

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ No Exceptions Taken ☐ Resubmit _____ copies for review
☐ For your use ☐ Make Corrections Noted ☐ Submit _____ copies for distribution
☐ As requested ☐ Rejected ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 20 ____ ☐ PRINTS RETURNED AFTER LOAN TO US

COPY TO: Joe Manfredi

SIGNED: Ronald J. Lombardo

American Standard

Style That Works Better

 **BARrier FREE**

LAV-1
MAIN BLDG

OVALYN™
UNDERCOUNTER SINK
VITREOUS CHINA

OVALYN™ UNDERCOUNTER SINK

- Classic oval undermount sink
- Made from vitreous china
- Front overflow
- Supplied with mounting kit (047194-0070A) and template

☐ **0495.221 Unglazed rim**

435 x 359mm
(17-1/8" x 14-1/8")

☐ **0495.300 Glazed underside**

Bowl size:

382mm (15-1/16") wide
306mm (12-1/16") front to back
140mm (5-1/2") deep

☒ **0496.221 Unglazed rim**

489 x 413mm
(19-1/4" x 16-1/4")

☐ **0496.300 Glazed underside**

Bowl size:

432mm (17") wide
356mm (14") front to back
140mm (5-1/2") deep

☐ **0497.221 Unglazed rim**

546 x 441mm
(21-1/2" x 17-3/8")

☐ **0497.300 Glazed underside**

Bowl size:

483mm (19") wide
391mm (15-3/8") front to back
140mm (5-1/2") deep

Compliance Certifications -

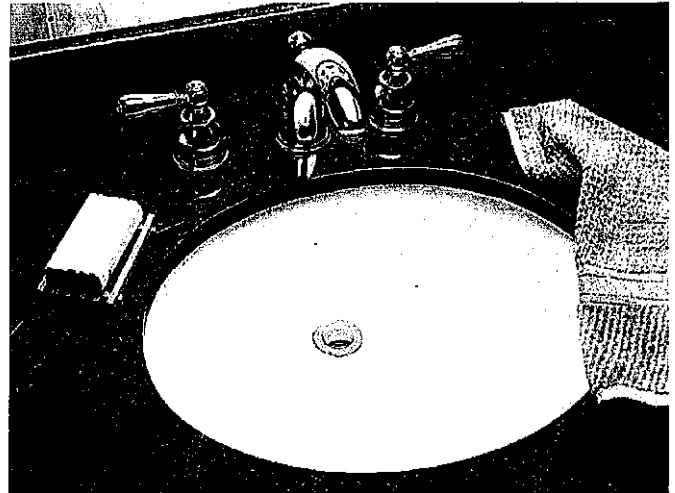
Meets or Exceeds the Following Specifications:

- ASME A112.19.2M for Vitreous China Fixtures
- CAN/CSA B45 series

To Be Specified:

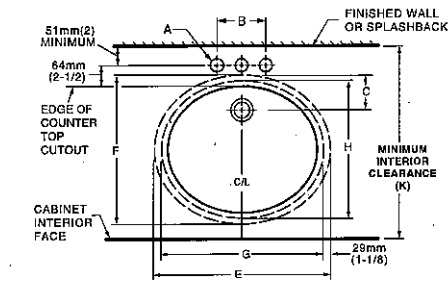
- ☐ Color: ☒ White ☐ Bone ☐ Linen
☐ Silver ☐ Fawn Beige ☐ Black
- ☐ Faucet*:
☐ Faucet Finish:
☐ Supplies:
☐ 1-1/4" Trap:

* See faucet section for additional models available

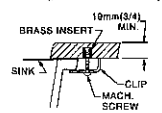


SEE REVERSE FOR ROUGHING-IN DIMENSIONS

0496/0497



▼ DETAIL OF MOUNTING CLIP
(KIT No. 047134-0070A)



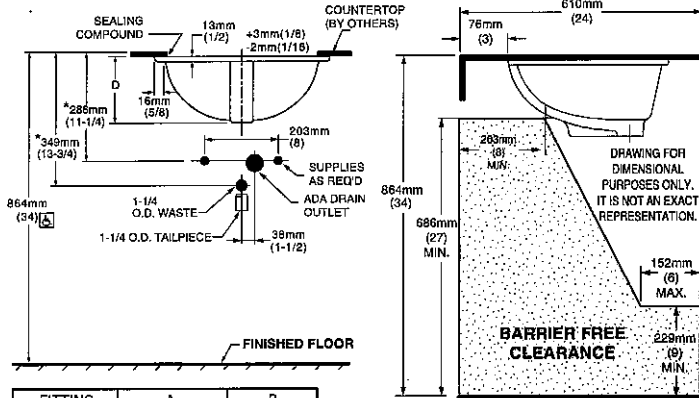
REFER TO INSTRUCTIONS
PROVIDED WITH KIT FOR
ADDITIONAL INFORMATION

NOTES:

* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIED AND "P" TRAP ARE SUGGESTED.

▼ UNDERCOUNTER MOUNTING KIT SUPPLIED WITH SINK. PLEASE NOTE MINIMUM INTERIOR CLEARANCE DIMENSION (K). FITTINGS NOT INCLUDED AND MUST BE ORDERED SEPARATELY. USE ENCLOSED TEMPLATE FOR COUNTERTOP CUTOUT SEALING COMPOUND SUPPLIED BY OTHERS.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.



FITTING	A	B
CENTERSET	1-1/4 (32mm)	4 (102mm)
SPREAD	1-3/8 (35mm)	8 (203mm)

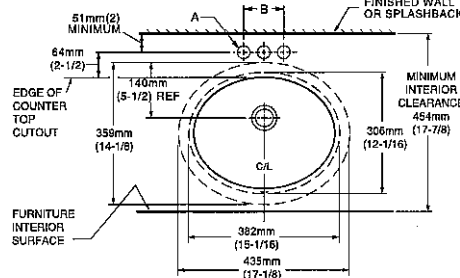
CAT. NO.	E	F	G	H	C	D	J	K
0496.221	489mm (19-1/4)	413mm (16-1/4)	432mm (17)	356mm (14)	103mm (4-1/16)	182mm (7-3/16)	16mm (5/8)	500mm (19-11/16)
0497.221	546mm (21-1/2)	441mm (17-3/8)	483mm (19)	391mm (15-3/8)	95mm (3-3/4)	191mm (7-1/2)	19mm (3/4)	534mm (21-1/16)



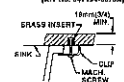
MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES - CHECK LOCAL CODES.

Countertop 864mm (34") from finished floor. Lavatory installed 76mm (3") from front edge of countertop. Countertop thickness to be 25mm (1") maximum.

0495



▼ DETAIL OF MOUNTING CLIP
(KIT No. 047134-0070A)



REFER TO INSTRUCTIONS
PROVIDED WITH KIT FOR
ADDITIONAL INFORMATION

FITTING	A	B
CENTERSET	1-1/4 (32mm)	4 (102mm)
SPREAD	1-3/8 (35mm)	8 (203mm)

NOTES:

USE ENCLOSED TEMPLATE FOR COUNTERTOP CUTOUT. FITTINGS NOT INCLUDED WITH FIXTURE AND MUST BE ORDERED SEPARATELY.

* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIED AND "P" TRAP ARE SUGGESTED.

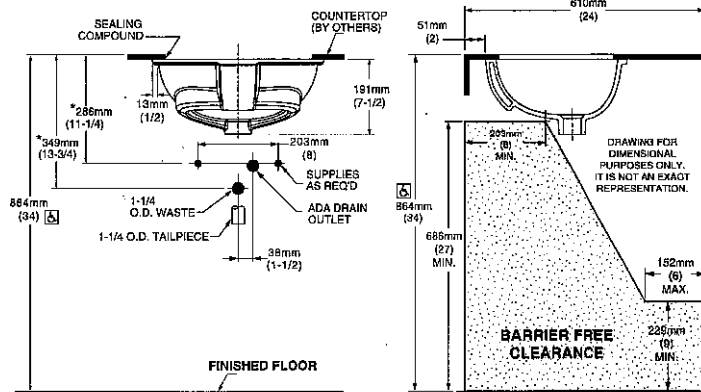
▼ UNDERCOUNTER MOUNTING KIT SUPPLIED WITH SINK. PLEASE NOTE MINIMUM INTERIOR CLEARANCE DIMENSION (K). SEALING COMPOUND SUPPLIED BY OTHERS.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages

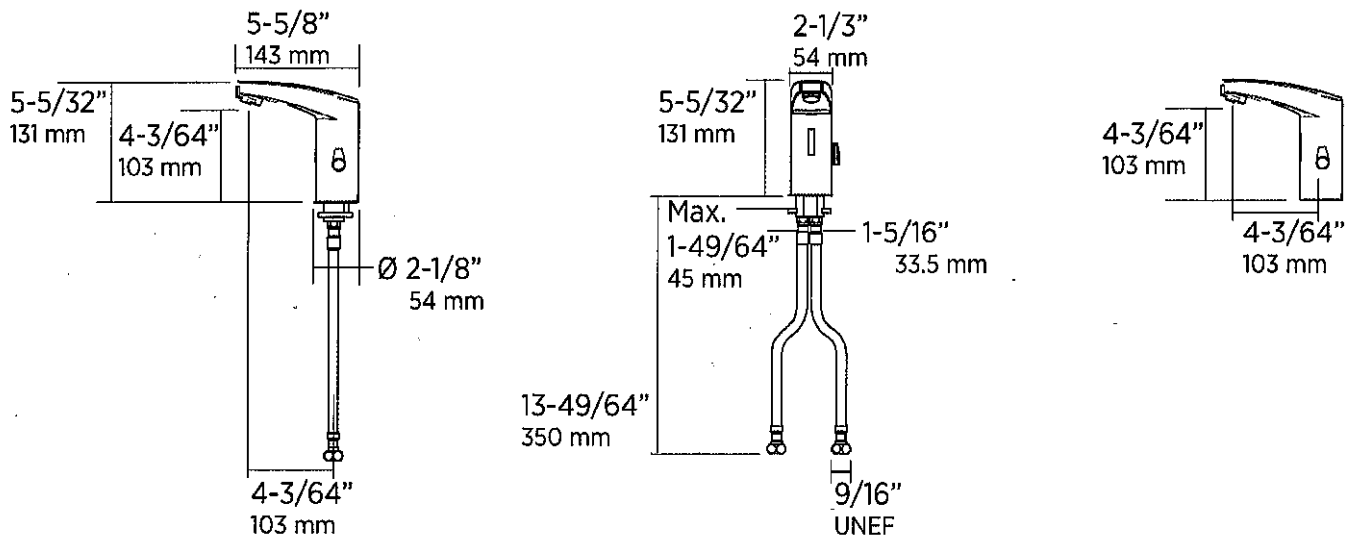


MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES - CHECK LOCAL CODES.

Countertop 864mm (34") from finished floor. Lavatory installed 51mm (2") from front edge of countertop. Countertop thickness to be 25mm (1") maximum.



ROUGH-IN



SLOAN®**OPTIMA® SENSOR FAUCET****EAF-350-BAT-ISM-CP-0.5GPM-AER-IR-IQ-FCT**

(General Model Name: EAF350-ISM CP BATTERY FAUCET 0.5 GPM)

CODE NUMBER

3335111

DESCRIPTION

Battery Power Supply, Integrated Side Mixer, Polished Chrome Finish, 0.5 gpm, Aerated Spray, Infrared Sensor, Optima® Battery-Powered Deck-Mounted Mid Body.

DETAILS

- Flow Rate: 0.5 gpm (1.9 Lpm) (0.5GPM)
- Spray Type: Aerated (AER)
- Sensor Type: Infrared (IR)
- Mounting Type: Single Hole (I)
- Power Supply: Battery (BAT)
- Temperature Mixer: Integrated Side Mixer (ISM)
- Finish: Polished Chrome (CP)
- Factory Default Timeout: 15s
- Factory Default GPC: 0.083

FEATURES

Commercial Grade, ADA Compliant, Electronic, Sensor-Activated, Cast Brass Hand Washing Faucet with the following features:

- Double Infrared Sensor with Automatic Setting Feature and Microprocessor
- Bi-Stable Magnetic Solenoid Valve (for increased energy savings)
- Adjustable Hot Water Limit Set (with ISM Mixer)
- Water Supply Connection with Flexible High-Pressure Hose and Strainer
- 6V Lithium CR-P2 Commercial Battery included
- IR-Click feature permits activation of continuous run and temporary off modes
- Appropriate Mounting Hardware included
- IQ-Click feature permits activation of continuous run and temporary off modes

ELECTRICAL SPECIFICATIONS

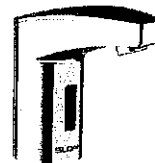
- Battery Life: 3 years 8,000 cycles/month
 - Optional power harvesting significantly extends service life
- Sensor Range: 4" - 5" (102-127mm)

VIDEOS

PVD Special Finishes

DOWNLOADS

- EAF 3X0 Installation Instructions
- Faucet Spray Heads Repair and Maintenance Guide
- Optima Plus EAF 3X0 Repair and Maintenance Guide
- Trim Plate Guide
- Additional Downloads

**COMPLIANCES & CERTIFICATIONS**

(ADA Compliant, ASME A112.18.1 Compliant, BREEAM Materials Credit, BREEAM Water Credit, CalGreen Compliant, CEC Compliant, cUPC Certified, UPC Certified, UPC Low Lead Compliant, cUPC Low Lead Compliant, EPD, Green Globes Materials & Resources Credit, Green Globes Water Credit, HPD, LEED Materials & Resources EPD Credit, LEED Materials & Resources HPD Credit, NYC604.4, Proposition 65, Satisfies LEED Credits, TAS, WELL Building Standard)

NOTES

All information contained within this document subject to change without notice.

Looking for other variations of the EAF-350 product? View the general spec sheet with all options.

Find a matching soap dispenser for this faucet.
Find a compatible sink for this faucet.

WARRANTY

3 Year

Sloan 10500 Seymour Ave, Franklin Park, IL 60131

Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com



LAV GUARD²

FAST FIT UNDERSINK PIPING COVERS

LAV-1 MAIN BLDG

ADA-compliant undersink protection



Submittal Sheet

General Description:

LAV GUARD² 2 E-Z Series waste and supply piping covers satisfy ADA compliance requirements. Built-in *E-Z Grip* internal fasteners and internal, *E-Z Tear-To-Fit* trimming feature allow for fast installation without tools. *Series #100 E-Z* kits are designed to fit on all tubular and cast brass P-trap assemblies. *Series #400* kits are the "original" LAV GUARD design and fit schedule 40 ABS and PVC P-trap assemblies — regardless of their geometry or rotational offset. Valve cover completely encloses angle valve and supply tube for both handled and keyed type water stops.

Material	Molded vinyl
Nominal Wall	1/8" constant
Durometer	70-80 - Shore A
UV Protection	Will not fade or discolor
Durability	Virtually indestructible
Trimming (E-Z Series)	Internal, <i>E-Z Tear-To-Fit</i> trim feature
Fasteners (E-Z Series)	Internal <i>E-Z Grip</i> fasteners (reusable)
Color	China white
Paintability	Apply Latex paint
Burning Characteristics ASTM D-635	Self extinguished 0 sec (ATB) 0 mm (AEB)
Bacteria/Fungus Resistance	ASTM G21 and G22/ Result: 0 growth
Maintenance	Use common detergents

Manufactured under one or more of the following U.S. or Canadian patents.
Other patents pending.

5,303,730 5,360,031 5,524,669 5,564,463 5,678,598 5,699,828 5,915,412
5,915,413 5,901,739 5,960,820 2,075,324 2,119,427 2,136,027 2,158,083

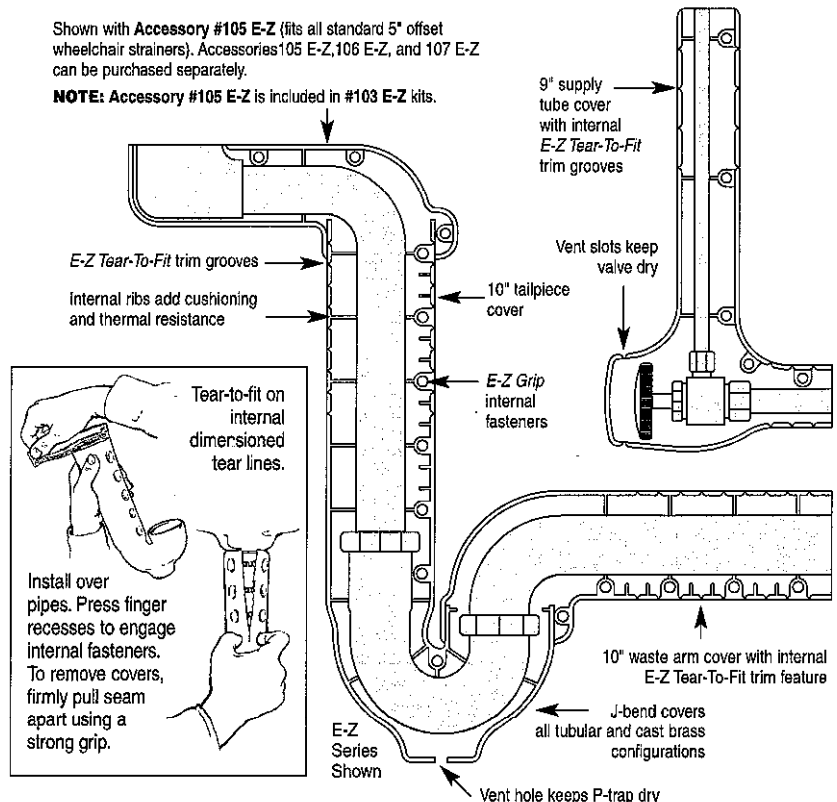


IPS Corporation, 202 Industrial Park Lane, Collierville, TN 38017
(901) 853-5001 (800) 340-5969 FAX: (901) 853-5008
e-mail: info@truebro.com Internet: http://www.truebro.com



Shown with **Accessory #105 E-Z** (fits all standard 5" offset wheelchair strainers). Accessories 105 E-Z, 106 E-Z, and 107 E-Z can be purchased separately.

NOTE: Accessory #105 E-Z is included in #103 E-Z kits.



#100 E-Z Series (shown above right) for tubular and cast brass P-trap assemblies.

#400W* Series (original design) for schedule 40 P-trap assemblies.

☐ **Model #99 E-Z**
One angle valve and supply cover

☐ **Model #100 E-Z**
One P-trap cover

☐ **Model #400W***
One P-trap cover

☐ **Model #101 E-Z**
One P-trap cover, one angle valve cover

☐ **Model #401W***
One P-trap cover, one angle valve cover

☐ **Model #102 E-Z**
One P-trap cover, two angle valves and covers

☐ **Model #402W***
One P-trap cover, two angle valves and covers

☐ **Model #103 E-Z**
One P-trap cover, two angle valves and supply covers, one 5" offset tailpiece wheelchair strainer cover

☐ **Accessory #105 E-Z**
One 5" offset tailpiece wheelchair strainer assembly

☐ **Accessory #105-K**
Kohler 6" offset

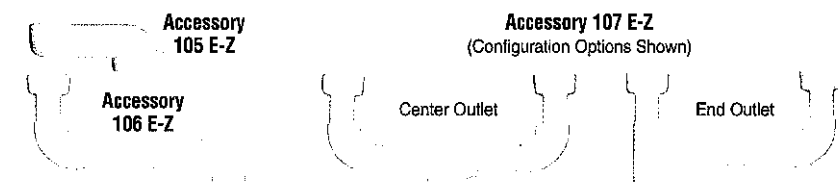
☐ **Accessory #106 E-Z**
One basket strainer cover and offset waste cover (adjustable to 18")

☐ **Accessory #107 E-Z**
Two basket strainer covers and center or end outlet waste cover (adjustable)

☐ **Accessory #Ex99 E-Z**
One 14" extension for water supply

☐ **Accessory #Ex100 E-Z**
One 14" extension for drain waste arm or tailpiece

*All #400W series items are the "original" LAV GUARD² design and construction. Specifications may change without notice.



Job/Location _____

Designer _____

TRUEBRO reserves the right to make product and material changes at any time without notice.

2 / 07



SEMI-CAST GRID WHEELCHAIR PATENT OVERFLOW PLUG TECHNICAL SPECIFICATION

Job Name _____	Item # _____
Location _____	
Engineer _____	Contractor _____
PO # _____	Tag _____
Representative _____	

SPECIFICATIONS

Dearborn Brass Semi-Cast Wheelchair Grid Patent Overflow Plug with 1-1/4" – 17 gauge tailpiece. Designed for installation in most commercial applications.

DESCRIPTION


- Chrome Finish
- Semi-Cast Grid WheelChair Patent Overflow Plug
 - (1) Cast Grid
 - (1) P.O. Plug with Nuts and Washers
 - (1) 90° Elbow
 - (1) 17 Gauge Tailpiece

APPROVALS AND LISTINGS



PRODUCT SELECTOR

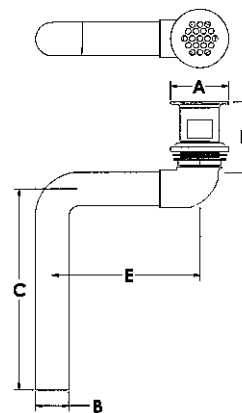
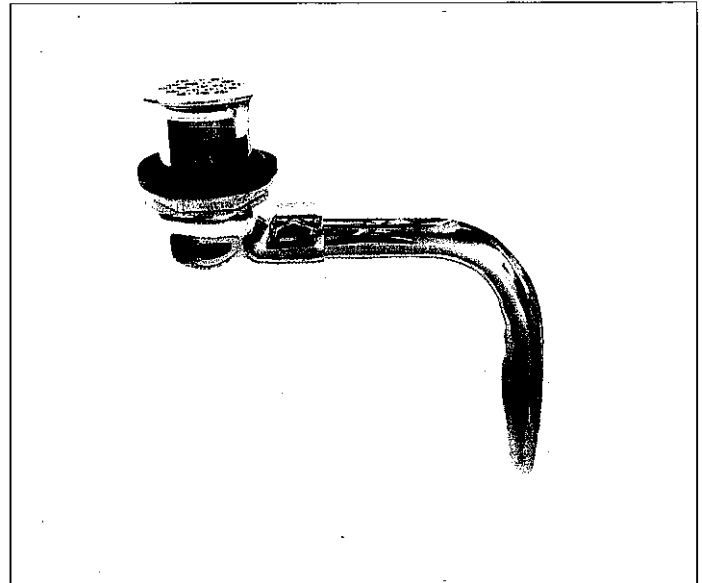
SEMI-CAST GRID WHEELCHAIR PATENT OVERFLOW PLUG

✓ Product Number	Size	Description	Carton Quantity
 760W-1	1-1/4"	Semi-Cast Grid Wheelchair Patent Overflow Plug with 1-1/4" – 17 gauge Tailpiece	10

Data is subject to manufacturing tolerances.

DIMENSIONS

[A]:	Diameter A	2.2"	[D]:	Height D	2.8"
[B]:	Diameter B	1-1/4"	[E]:	Height E	7.5"
[C]:	Length C	5.3"			



Access BIM/Revit content through www.oatey.com

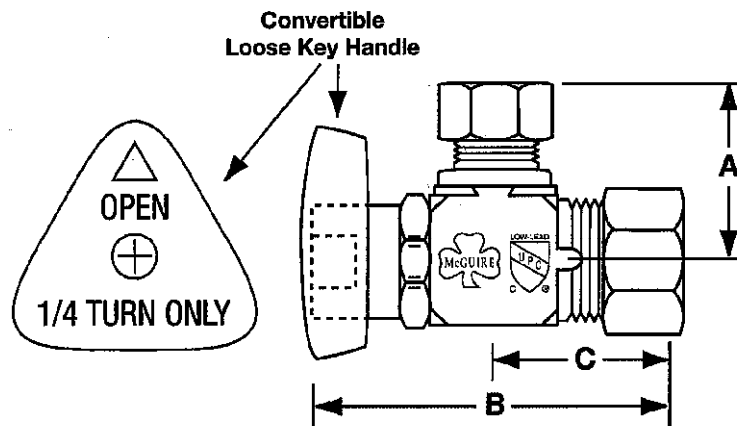
**McGuire Manufacturing Co., Inc.**

60 Grandview Court
Cheshire, Connecticut 06410
(203) 699-1801 Fax (203) 699-1813
customerservice@mcguiremfg.com mcguiremfg.com

PRODUCT SPECIFICATION**Part No.****LFBV09****Quarter-Turn Brass
Ball Valve****Job Name:****ALL FAUCETS****Submittal Number:**

Convertible™

Compression To Compression



NO.	DESCRIPTION	ROUGHING MEASUREMENTS		
		A	B	C
LFBV09	1/2" Nominal x 3/8" O.D.	1-3/16"	2-1/2"	1-1/4"

- Rated Operating Pressure: 20-125 PSI
- Rated Operating Temperature: 40-140°F
- Note: 180°F max. during temporary high-temperature system flush



Specifications:

Lead free convertible quarter-turn brass ball valve, chrome plated commercial pattern with convertible loose key handle. Inlet shall be (1/2) inch (IPS, sweat, compression). Outlet shall be (3/8) inch (compression). Supply stop valve shall be McGuire _____
Supply stop valve shall be certified by recognized testing authority and bear manufacturer and testing mark.

WARNING:

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and birth defects or other reproductive harm. For more information go to www.P85Warnings.ca.gov.



WALL-HUNG LAVATORY WITH EVERCLEAN®

DECORUM®
VITREOUS CHINA



DECORUM® WALL-HUNG LAVATORY WITH EVERCLEAN®

- 20" x 18" vitreous china lavatory with EverClean included
- Available with rear overflow or less overflow
- Recessed self-draining deck with minimal backsplash
- For concealed arm or wall support (wall hanger included)
- ADA and TAS compliant
- Shown with Serin faucets (sold separately)
- Shown with drain grid (sold separately)

- ☐ 9024.000EC No faucet holes
- ☒ 9024.001EC Center hole only (CHO)
- ☐ 9024.021EC CHO with left hand soap dispenser
- ☐ 9024.011EC CHO with right hand soap dispenser
- ☐ 9024.901EC CHO less overflow
- ☐ 9024.921EC CHO with left hand soap dispenser less overflow
- ☐ 9024.911EC CHO with right hand soap dispenser less overflow
- ☐ 9024.004EC 4" centers
- ☐ 9024.024EC 4" centers with left hand soap dispenser
- ☐ 9024.014EC 4" centers with right hand soap dispenser
- ☐ 9024.904EC 4" centers less overflow
- ☐ 9024.924EC 4" centers with left hand soap dispenser less overflow
- ☐ 9024.914EC 4" centers with right hand soap dispenser less overflow
- ☐ 9024.008EC 8" centers
- ☐ 9024.908EC 8" centers less overflow

Nominal Dimensions:

464mm (18-1/4") deep, 508mm (20") wide

Bowl sizes:

354mm (13-15/16") wide, 325mm (12-13/16") front to back, 127mm (5") deep

To Be Specified:

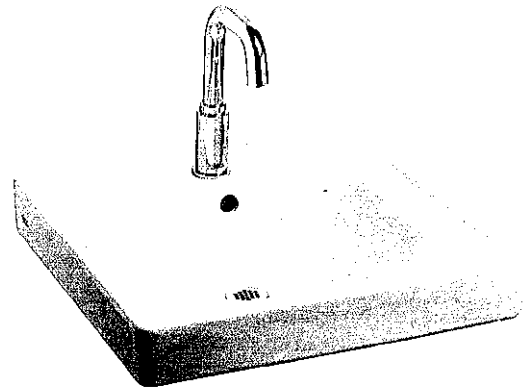
- ☒ Color: ☐ White
- ☐ Faucet*:
- ☐ Faucet Finish:
- ☐ Supplies:
- ☐ 1-1/4" Trap:
- ☐ Suggested carriers include Jay R. Smith models 0801 and 0700

* See faucet section for additional models available

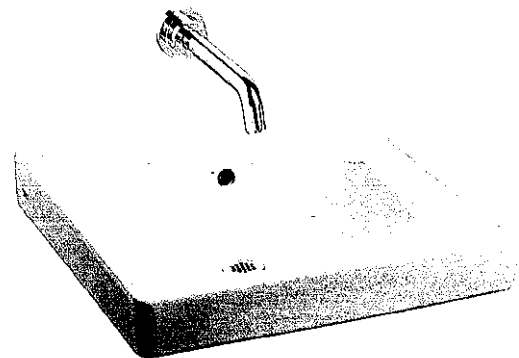
Compliance Certifications -

Meets or Exceeds the Following Specifications:

- ASME A112.19.2 for Vitreous China Fixtures



9024.001EC shown with 2064 Series Serin Faucet

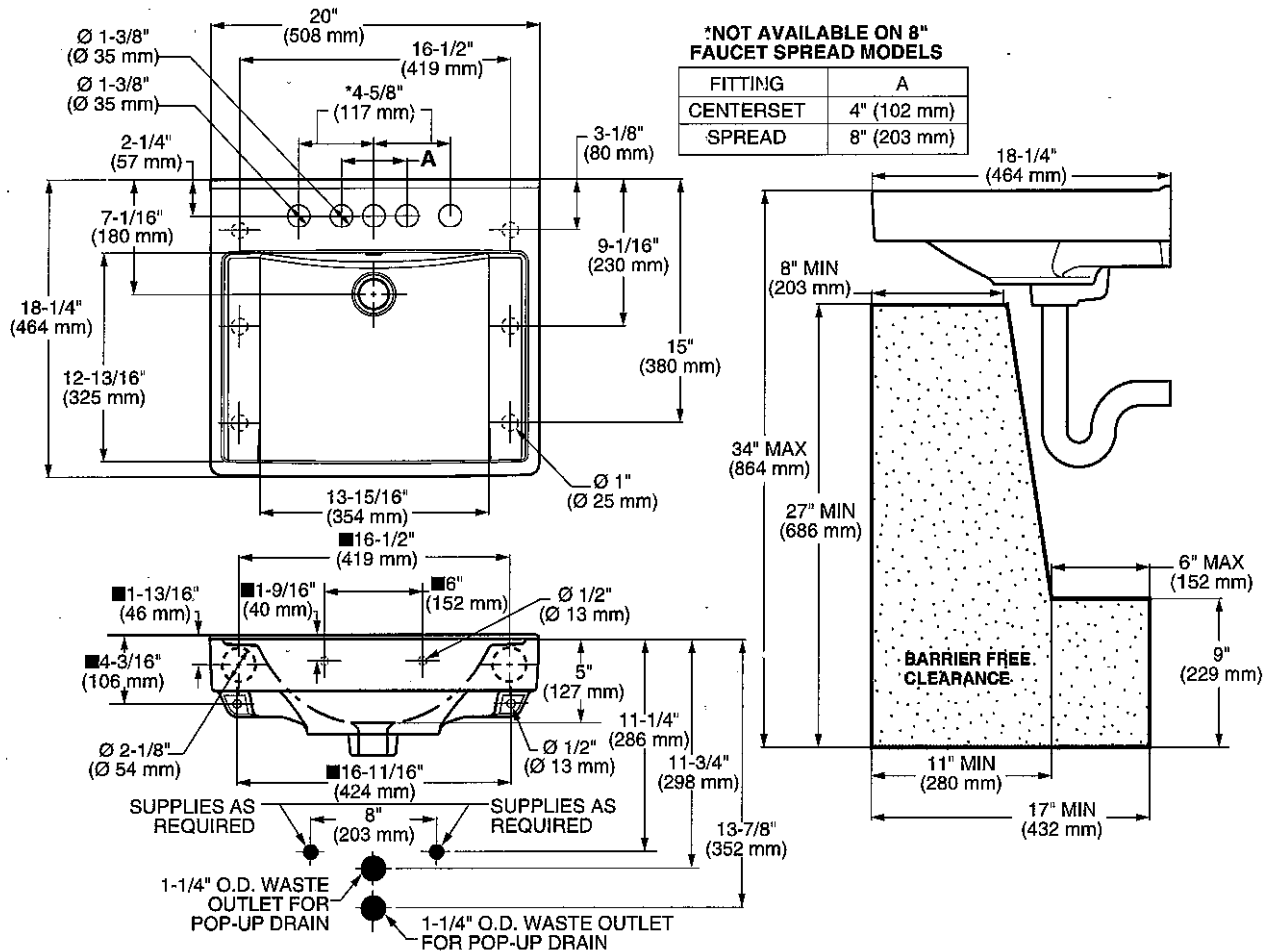


9024.000EC shown with R350 & T064 Series Serin Faucet

SEE NEXT PAGE FOR ROUGHING-IN DIMENSIONS



MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES - CHECK LOCAL CODES. Top of front rim mounted 864mm (34") from finished floor.



NOTES:

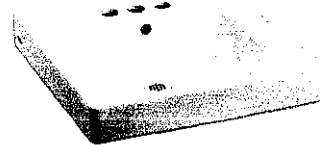
- LOOSE KEY ANGLE STOPS, LESS WALL ESCUTCHEONS. SUPPLIES REQUIRED. DIMENSIONS SHOWN FOR LOCATION OF SUPPLIES AND "P" TRAP ARE SUGGESTED.
- SUITABLE FOR REINFORCEMENT ONLY, ACTUAL DIMENSIONS MUST BE TAKEN FROM FIXTURE.
- FITTINGS NOT INCLUDED AND MUST BE ORDERED SEPARATELY.
- PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORTS.
- INSTALLATION INSTRUCTIONS SUPPLIED WITH LAVATORY.
- IMPORTANT:** Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.



Model 9024.000EC
No Faucet Holes



Model 9024.001EC
Center Hole Only (CHO)



Model 9024.004EC
4" Centers



Model 9024.008EC
8" Centers



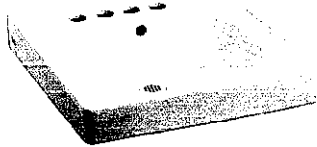
Model 9024.011EC
CHO With Right Hand Soap Dispenser



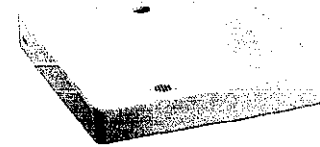
Model 9024.014EC
4" Centers With Right Hand Soap Dispenser



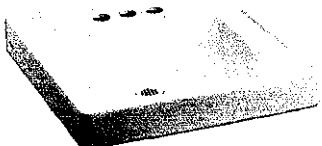
Model 9024.021EC
CHO With Left Hand Soap Dispenser



Model 9024.024EC
4" Centers With Left Hand Soap Dispenser



Model 9024.901EC
CHO Less Overflow



Model 9024.904EC
4" Centers Less Overflow



Model 9024.908EC
8" Centers Less Overflow



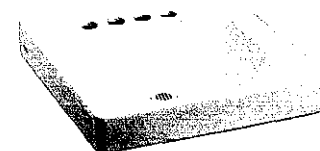
Model 9024.911EC
CHO With Right Hand Soap Dispenser
Less Overflow



Model 9024.914EC
4" Centers With Right Hand Soap Dispenser
Less Overflow



Model 9024.921EC
CHO With Left Hand Soap Dispenser
Less Overflow



Model 9024.924EC
4" Centers With Left Hand Soap Dispenser
Less Overflow

LAVATORY SUPPORTS WITH CONCEALED ARMS

FLOOR MOUNTED WITH "PRO-SET" UPRIGHTS

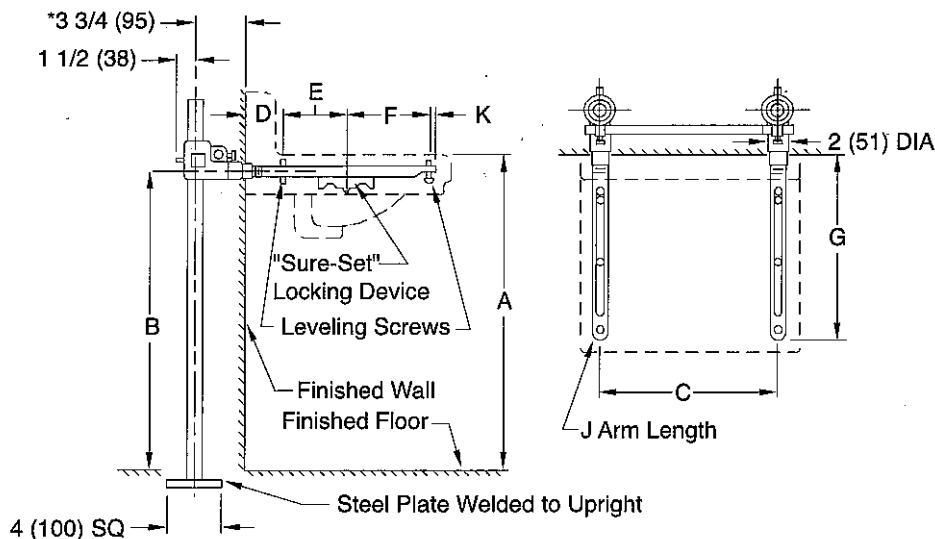
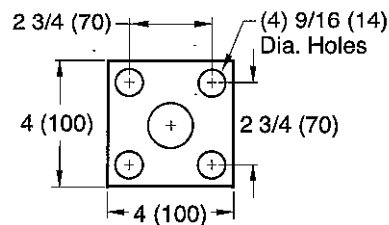


Fig. 0700 . . . FOR HIGH BACK LAVATORIES (shown)

NOTE: The rough-in dimensions listed on this drawing are based on current information available to Jay R. Smith by the fixture manufacturers. We recommend that you verify these dimensions with the fixture manufacturer. We will not accept responsibility for rough-in dimension changes by the fixture manufacturer.

NOTE: Dimensions shown in parentheses are in millimeters.

NOTE: Front leveling screws should protrude 1"(25) above arms.



BASE DETAIL

ROUGHING-IN TABLE

FIXTURE NAME				NUMBER		SIZE		
AMERICAN STANDARD				9024		18"		
A	B	C	D	E	F	G	J	K

NOTE: All support bases must be securely anchored to a rigid floor and/or other rigid substructure with (4) 1/2" bolts furnished by others.

NOTE: *This dimension can be increased when fixture support is to be installed behind the wall. (Specify when required and wall thickness).

K J H G	09/27/10 04/22/09 02/25/02 2/20/01	Updated Drawing Added Note Revised Submittal Revised Submittal	JJ JJ JJ RN	CL AM CR BS	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 0700
REV.	DATE	DESCRIPTION	BY	CKD. BY			



LAV GUARD²

FAST FIT UNDERSINK PIPING COVERS

LAV-2 MAIN BLDG

ADA-compliant undersink protection

All New
E-Z Series



Submittal Sheet

General Description:

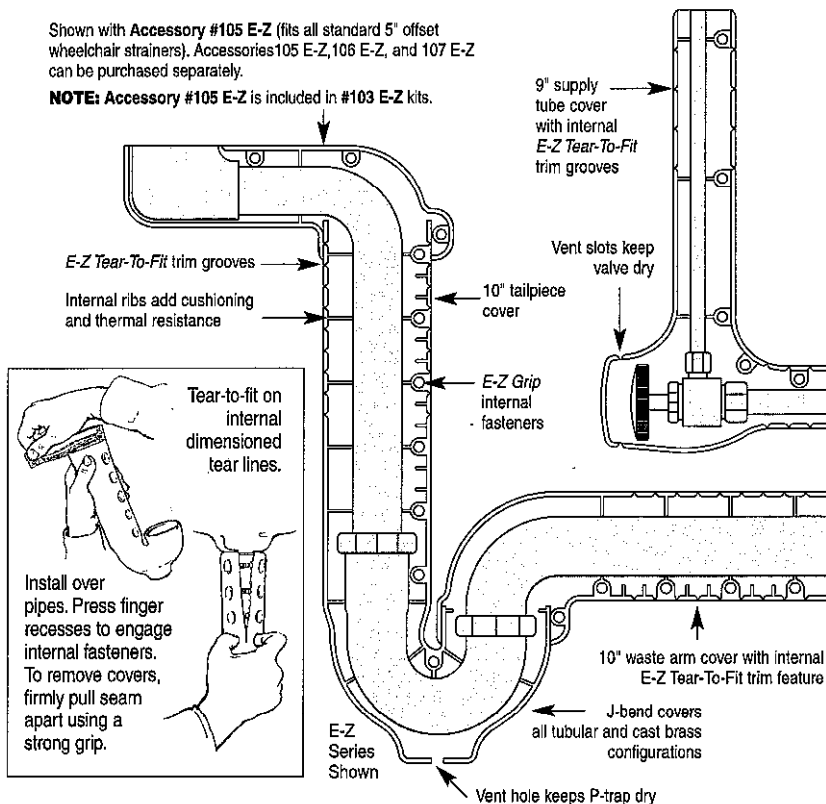
LAV GUARD² 2 E-Z Series waste and supply piping covers satisfy ADA compliance requirements. Built-in *E-Z Grip* internal fasteners and internal, *E-Z Tear-To-Fit* trimming feature allow for fast installation without tools. *Series #100 E-Z* kits are designed to fit on all tubular and cast brass P-trap assemblies. *Series #400* kits are the "original" LAV GUARD design and fit schedule 40 ABS and PVC P-trap assemblies — regardless of their geometry or rotational offset. Valve cover completely encloses angle valve and supply tube for both handled and keyed type water stops.

Material	Molded vinyl
Nominal Wall	1/8" constant
Durometer	70-80 - Shore A
UV Protection	Will not fade or discolor
Durability	Virtually indestructible
Trimming (E-Z Series)	Internal, <i>E-Z Tear-To-Fit</i> trim feature
Fasteners (E-Z Series)	Internal <i>E-Z Grip</i> fasteners (reusable)
Color	China white
Paintability	Apply Latex paint
Burning Characteristics ASTM D-635	Self extinguished 0 sec (ATB) 0 mm (AEB)
Bacteria/Fungus Resistance	ASTM G21 and G22/ Result: 0 growth
Maintenance	Use common detergents

Manufactured under one or more of the following U.S. or Canadian patents.
Other patents pending.
5,303,730 5,360,031 5,524,669 5,564,463 5,678,598 5,699,828 5,915,412
5,915,413 5,901,739 5,960,820 2,075,324 2,119,427 2,136,027 2,158,083



IPS Corporation, 202 Industrial Park Lane, Collierville, TN 38017
(901) 853-5001 (800) 340-5969 FAX: (901) 853-5008
e-mail: info@truebro.com Internet: http://www.truebro.com

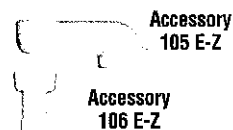


#100 E-Z Series (shown above right) for tubular and cast brass P-trap assemblies.
#400W* Series (original design) for schedule 40 P-trap assemblies.

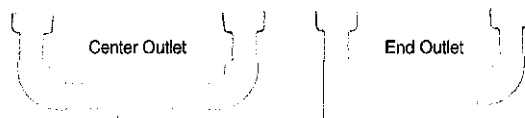
- ☐ **Model #99 E-Z**
One angle valve and supply cover
- ☐ **Model #100 E-Z**
One P-trap cover
- ☐ **Model #400W***
One P-trap cover
- ☐ **Model #101 E-Z**
One P-trap cover, one angle valve cover
- ☐ **Model #401W***
One P-trap cover, one angle valve cover

- ☐ **Model #102 E-Z**
One P-trap cover, two angle valves and covers
- ☐ **Model #402W***
One P-trap cover, two angle valves and covers
- ☐ **Model #103 E-Z**
One P-trap cover, two angle valves and supply covers, one 5" offset tailpiece wheelchair strainer cover
- ☐ **Accessory #105 E-Z**
One 5" offset tailpiece wheelchair strainer assembly

- ☐ **Accessory #105-K**
Kohler 6" offset
- ☐ **Accessory #106 E-Z**
One basket strainer cover and offset waste cover (adjustable to 18")
- ☐ **Accessory #107 E-Z**
Two basket strainer covers and center or end outlet waste cover (adjustable)
- ☐ **Accessory #Ex99 E-Z**
One 14" extension for water supply
- ☐ **Accessory #Ex100 E-Z**
One 14" extension for drain waste arm or tailpiece



Accessory 107 E-Z
(Configuration Options Shown)



Job/Location LAV-1
Designer _____

TRUEBRO reserves the right to make product and material changes at any time without notice.



SEMI-CAST GRID PATENT OVERFLOW PLUGS TECHNICAL SPECIFICATION

SPECIFICATIONS

Dearborn Brass Two Piece Patent Overflow Plug is designed for use in tubular drain applications with lavatory sinks. Two piece design allows overflow to flow to sink drain. Available in 5", 6" 8" or 12" lengths.

DESCRIPTION

- Chrome Finish
- 20 Gauge Brass
- Two Piece Assembly

APPROVALS AND LISTINGS



PRODUCT SELECTOR

SEMI-CAST GRID PATENT OVERFLOW PLUGS

✓	Product Number	Size	Description	Carton Quantity
	760-1	1-1/4" x 6"	Semi-Cast Grid Patent Overflow Plug w/ 1-1/4" x 6" - 17 Ga. Tailpiece	25
	761-1	1-1/2" x 6"	Semi-Cast Grid Patent Overflow Plug w/ 1-1/2" x 6" - 17 Ga. Tailpiece	25

Data is subject to manufacturing tolerances.

DIMENSIONS

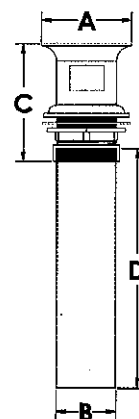
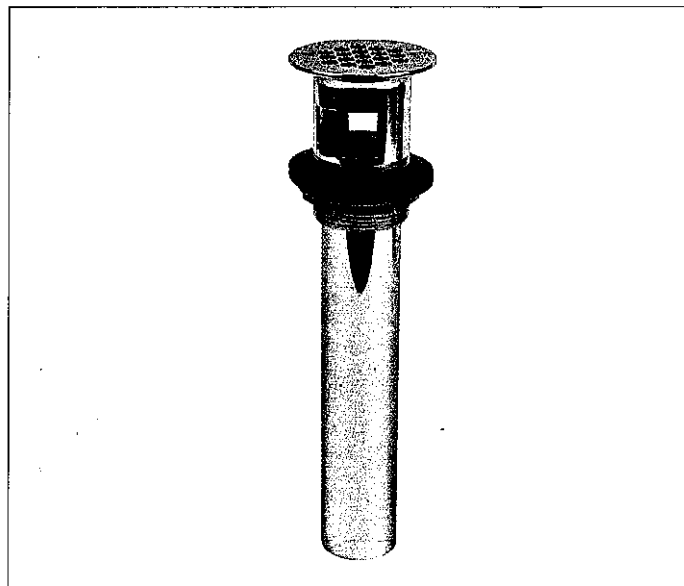
[A]:	Diameter A	2.2"	[C]:	Height C	2.8"
[B]:	Diameter B	See Chart A.1	[D]:	Height D	6"

A.1 - LENGTHS

	1-1/4" x 6 Tailpiece	1-1/2" x 6 Tailpiece
Diameter B:	1-1/4"	1-1/2"

LAV-2 MAIN BLDG

Job Name _____ Item # _____
Location _____
Engineer _____ Contractor _____
PO # _____ Tag _____
Representative _____



Access BIM/Revit content through www.oatey.com



1-1/2" P-TRAPS WITHOUT CLEANOUT TECHNICAL SPECIFICATION

Job Name _____	Item # _____
Location _____	
Engineer _____	Contractor _____
PO # _____	Tag _____
Representative _____	

SPECIFICATIONS

Dearborn 1-1/2" Brass Tubular P-Trap without Cleanout are designed for use in tubular drain applications. Available in 17, 20 or Budget Gauge Brass. Options include Brass Nuts, Deep Flange, Longer Wall Tube, Ground Joint and Unfinished Brass.

DESCRIPTION

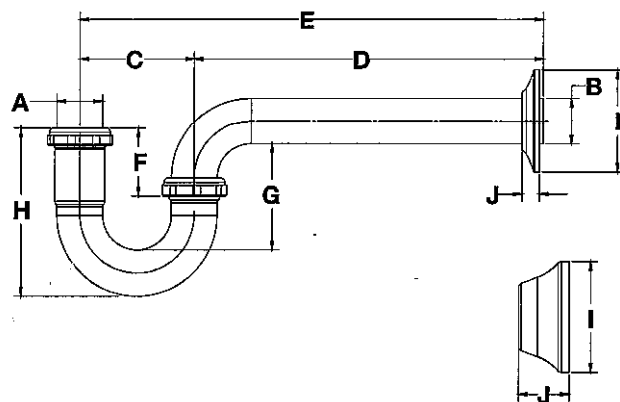
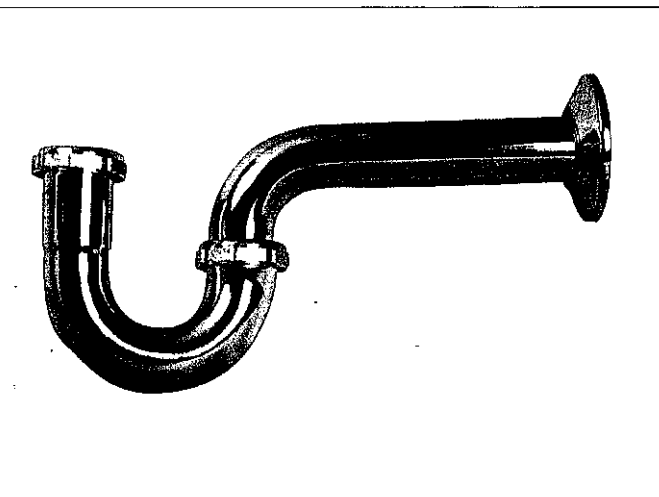
- Chrome Finish
- 1-1/2" P-Trap Without Cleanout
 - (1) Metal Flange
 - (1) Quarter Bend
 - (1) J-Bend
 - (2) Rubber Washers
 - (2) Nuts

APPROVALS & LISTINGS



DIMENSIONS

[A]: Inlet Size	1.5"	[F]: Approximate Slip	1.8"
[B]: Outlet Size	1.5"	[G]: Approximate Seal	3.3"
[C]: Length C	3.1"	[H]: Approximate Height H	4.3"
[D]: Length D	See Chart A.1	[I]: Flange Dimension	See Chart A.2
[E]: Length E	See Chart A.1	[J]: Flange Dimension	See Chart A.2



Option: Deep Flange

A.1 - WALL TUBE SIZES

	8.125" Wall Tube	11.25" Wall Tube	15" Wall Tube
Length D:	8.125"	11.125"	15.0"
Length E:	11.225"	14.225"	18.1"

A.2 - FLANGE DIMENSIONS

	Flange	Deep Flange
Flange Diameter I:	2.8"	3.0"
Flange Depth J:	0.4"	1.4"

Access BIM/Revit content through www.oatey.com



1-1/2" P-TRAPS WITHOUT CLEANOUT TECHNICAL SPECIFICATION

PRODUCT SELECTOR

1-1/2" P-TRAPS WITHOUT CLEANOUT

✓	Product Number	Size	Description	Carton Quantity	Wall Tube Center Length
	2702-1	1-1/2"	P-Trap – Budget Gauge	25	8.125"
	2702DF-1	1-1/2"	P-Trap – Budget Gauge with Deep Flange	25	8.125"
	702-1	1-1/2"	P-Trap – 20 Gauge	25	8.125"
	702BN-1	1-1/2"	P-Trap – 20 Gauge with Brass Nuts	25	8.125"
	702DF-1	1-1/2"	P-Trap – 20 Gauge with Deep Flange	25	8.125"
	702DFBN-1	1-1/2"	P-Trap – 20 Gauge with Deep Flange and Brass Nuts	25	8.125"
	702A-1	1-1/2"	P-Trap – 20 Gauge with 11.25" Wall Tube	25	11.125"
	704-1	1-1/2"	P-Trap – 17 Gauge	25	8.125"
	704BN-1	1-1/2"	P-Trap – 17 Gauge with Brass Nuts	25	8.125"
	704DF-1	1-1/2"	P-Trap – 17 Gauge with Deep Flange	25	8.125"
	704DFBN-1	1-1/2"	P-Trap – 17 Gauge with Deep Flange and Brass Nuts	25	8.125"
	704A-1	1-1/2"	P-Trap – 17 Gauge with 11.25" Wall Tube	25	11.125"
	704G-1	1-1/2"	P-Trap – 17 Gauge with Ground Joint	25	8.125"
	704GBN-1	1-1/2"	P-Trap – 17 Gauge with Ground Joint and Brass Nuts	25	8.125"
	704GBN-3	1-1/2"	P-Trap – 17 Gauge with Ground Joint and Brass Nuts, Unfinished Brass	25	8.125"
	704GDFBN-1	1-1/2"	P-Trap – 17 Gauge with Ground Joint, Deep Flange and Brass Nuts	25	8.125"
	704GBNA-1	1-1/2"	P-Trap – 17 Gauge with Ground Joint and Brass Nuts, 15" Wall Tube	10	18.1"
	704GBNA-3	1-1/2"	P-Trap – 17 Gauge with Ground Joint and Brass Nuts, 15" Wall Tube, Unfinished Brass	10	18.1"

Data is subject to manufacturing tolerances.

Access BIM/Revit content through www.oatey.com

*American
Standard*

**Afwall® Millennium™ FloWise®
Elongated Flushometer Toilet**
VITREOUS CHINA LESS EVERCLEAN®

 BARRIER FREE

**Afwall® Millenium™ FloWise® Elongated
Flushometer Toilet LESS EverClean®**

- Wall-mounted flushometer valve toilet
- Vitreous china
- Conventional glaze
- High Efficiency, Low Consumption. Operates in the range of 1.1 gpf to 1.6 gpf (4.2 Lpf to 6.0 Lpf)
- Meets definition of HET (High Efficiency Toilet) when used with a high efficiency flush valve (1.1 gpf - 1.6 gpf or 1.28/1.1 gpf dual flush)
- Maximum Performance (MaP) score of 1,000 grams at 1.1 gpf - 1.6 gpf
- Condensation channel
- Concealed trapway design
- Elongated bowl
- Powerful direct-fed siphon jet action
- 1-1/2" inlet spud
- Fully-glazed 2-1/8" trapway
- 10" x 12" water surface area
- Tested to support static weight load of 1,000 lbs. (454 kg)

- ☒ **2257.101** Elongated bowl only, top spud
- ☐ **2633.101** Elongated bowl only, top spud with slotted rim for bedpan holding
- ☐ **2634.101** Elongated bowl only, back spud

System MaP* Score:

- 1,000 grams of miso @ 1.1 gpf to 1.6 gpf when used with an American Standard flush valve

* Maximum Performance (MaP) testing performed by IAPMO R&T Lab. MaP Report conducted by Veritec Consulting, Inc. and Koeller and Company.

Component Parts:

- ☐ **047007-0070A** Inlet Spud (furnished with bowl)

Nominal Dimensions:

660 x 356 x 381mm
(26" x 14" x 15")

Recommended working pressure—between 25 psi at valve when flushing and 80 psi static

Fixture only, less seat, bolt caps, and flushometer valve

Compliance Certifications -

Meets or Exceeds the Following Specifications:

- ASME A112.19.2/CSA B45.1 for Vitreous China Fixtures



SEE REVERSE FOR ROUGHING-IN DIMENSIONS

To Be Specified:

- ☒ Color: ☒ White
- ☐ Seat:
 - ☐ American Standard #5901.100 Heavy duty open front less cover
 - ☐ American Standard #5905.100 Extra heavy duty open front less cover
- ☐ Flushometer Valve:
 - ☐ 1.6 gpf:
 - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.161.002 (Top Spud)
AC Power #6067.161.002 (Top Spud)
 - ☐ Manual: American Standard #6047.161.002 (Top Spud)
 - ☐ 1.28 gpf:
 - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.121.002 (Top Spud)
AC Power #6067.121.002 (Top Spud)
 - ☐ Manual: American Standard #6047.121.002 (Top Spud)
 - ☐ 1.6 / 1.1 gpf Dual Flush:
 - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.761.002 (Top Spud)
AC Power #6067.761.002 (Top Spud)
 - ☐ 1.28 / 1.1 gpf Dual Flush:
 - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.721.002 (Top Spud)
AC Power #6067.721.002 (Top Spud)



MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 REQUIREMENTS FOR ACCESSIBLE AND USABLE BUILDING FACILITIES - CHECK LOCAL CODES.

- When installed so top of seat is 432 to 483mm (17" to 19") from the finished floor.



ENVIRONMENTAL
PRODUCT
DECLARATION



When used with
1.1 or 1.28 gpf
toilet flush valves

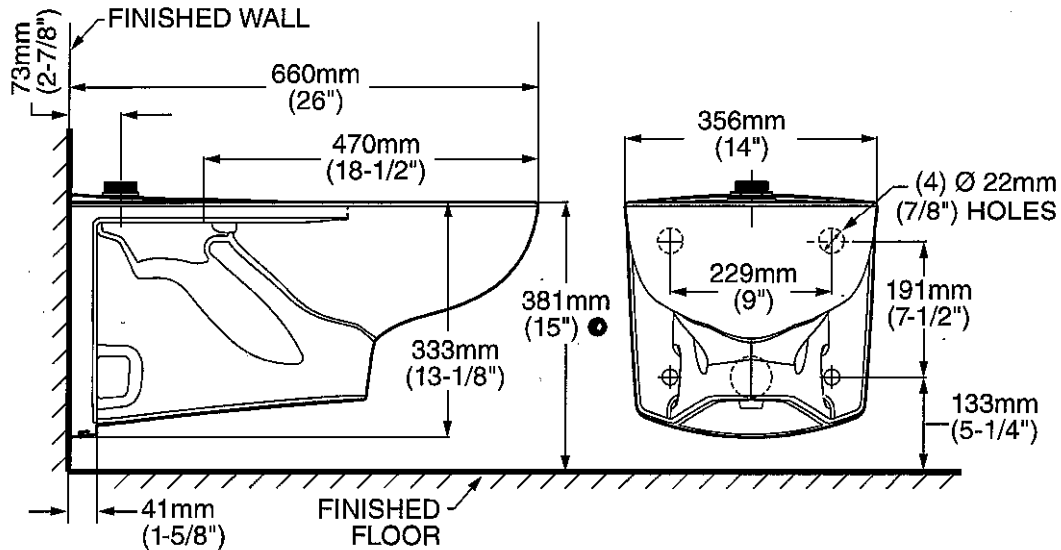


ADA
COMPLIANT

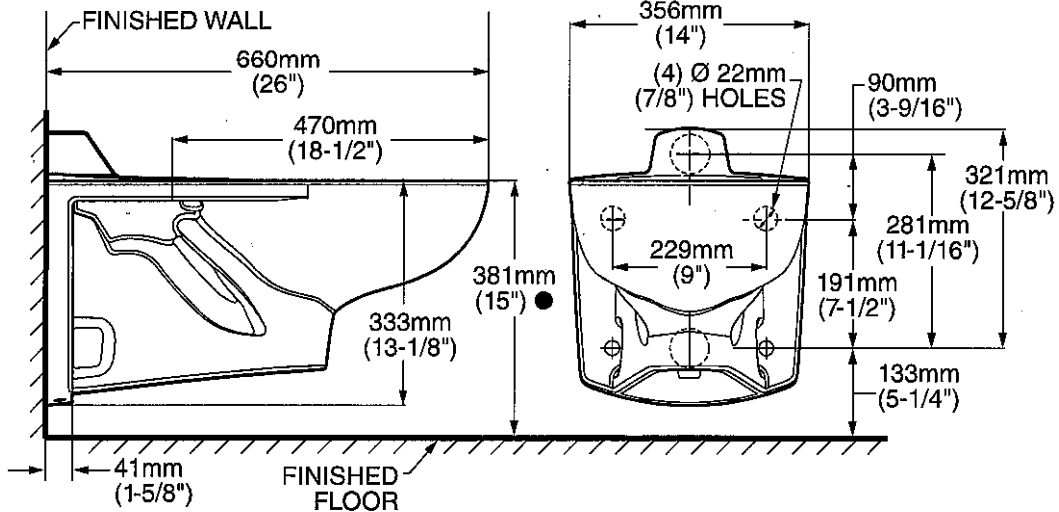


WATER
EFFICIENT

2257.101/2633.101



2634.101



NOTES:

● Toilet designed to meet ADA accessibility standards when top of seat height set at 432 to 483mm (17\" to 19\") from finished floor.

PRODUCT 2257 SHOWN, 2366 SAME EXCEPT WITH SLOTTED RIM FOR BED PAN HOLDING.

WASTE OUTLET SEAL RING MUST BE NEOPRENE OR GRAPHITE-FELT (WAX RING NOT RECOMMENDED).

SUGGESTED 2mm (1/16) CLEARANCE BETWEEN FACE OF WALL AND BACK OF BOWL.

TO COMPLY WITH AREA CODE GOVERNING THE HEIGHT OF VACUUM BREAKER ON THE FLUSHOMETER VALVE, THE PLUMBER MUST

VERIFY DIMENSIONS SHOWN FOR SUPPLY ROUGHING.

FLUSHOMETER VALVE NOT INCLUDED WITH FIXTURE AND MUST BE ORDERED SEPARATELY.

CARRIER FITTING AS REQUIRED TO BE FURNISHED BY OTHERS.

PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORT.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2.

These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages

CODE NUMBER

3250289

DESCRIPTION

1.28 gpf, Polished Chrome Finish, Single Flush, Battery, G2 Exposed Sensor Water Closet Flushometer.

DETAILS

- Flush Volume: 1.28 gpf (4.8 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Battery
- Battery Life: 6 years
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top spud
- Rough-In Dimension: 11 1/2" (292mm)
- Spud Coupling: 1 1/2" (38mm)
- Supply Pipe: 1" (25mm)

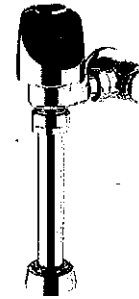
FEATURES

- Sweat Solder Adapter with Cover Tube and Cast Set Screw Wall Flange
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- User friendly three (3) second Flush Delay
- "Low Battery" Flashing LED
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Engineered Metal Cover with replaceable Lens Window
- Four (4) Size AA alkaline Batteries included
- Courtesy Flush® Override Button
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop with Vandal Resistant Stop Cap
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- WaterSense compliant when used with a 1.28 gpf WaterSense fixture

VIDEOS



PVD Special Finishes



COMPLIANCES & CERTIFICATIONS



(ADA Compliant, BAA Compliant, BREEAM Materials Credit, BREEAM Water Credit, Carbon Neutral, cUPC Certified, cUPC Green Certified, EPD, Green Globes Materials & Resources Credit, Green Globes Water Credit, HPD, LEED Materials & Resources EPD Credit, LEED Materials & Resources HPD Credit, LEED V4 Water Efficiency Credit, Satisfies LEED Credits, WaterSense Listed)

RECOMMENDED SPECIFICATION

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

ELECTRICAL SPECIFICATIONS

- Battery Life: 6 years

VALVE OPERATING PRESSURE (FLOWING)

15-80 PSI (103-552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

DOWNLOADS

- Optima Plus Valve Installation Instructions
- G2 Repair and Maintenance Guide
- Control Stop Repair and Maintenance Guide
- Flush Connections Flanges Repair and Maintenance Guide
- Tail Piece Repair and Maintenance Guide
- Sloan Optima Plus Repair and Maintenance Guide
- Additional Downloads

Sloan 10500 Seymour Ave, Franklin Park, IL 60131
Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com

NOTES

All information contained within this document subject to change without notice.

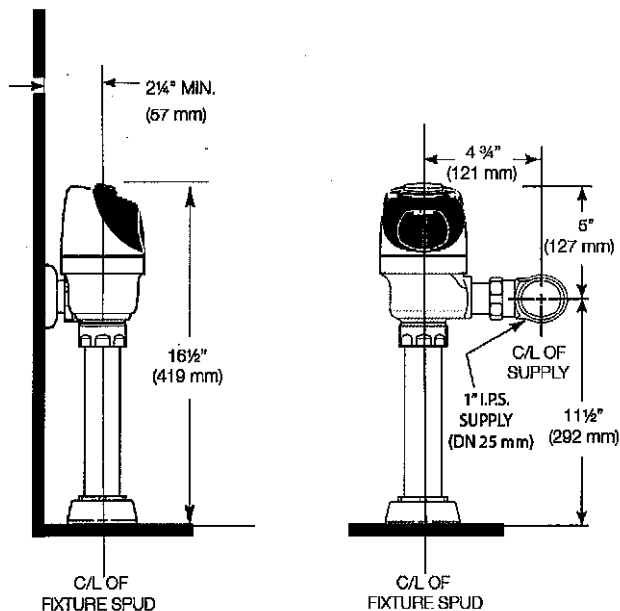
Looking for other variations of the G2 8111 product? View the general spec sheet with all options.

Find a compatible urinal for this flushometer.

Find a compatible water closet for this flushometer.

WaterSense compliant when used with a 1.28 gpf (4.8 Lpf) WaterSense fixture

ROUGH-IN

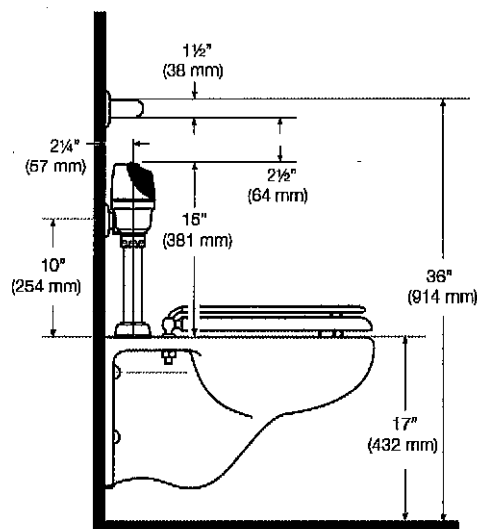


WHEN INSTALLING IN A HANDICAP STALL:

Per the ADA Guidelines (section 604.9.4) it is recommended that the grab bars be split or shifted to the wide side of the stall. If grab bars must be present over the valve, use the alternate ADA installation as shown to the right.

ALTERNATE ADA INSTALLATION

Lower water supply rough-in to 10" (254 mm) and mount grab bar at the 36" (914 mm) maximum allowed height (top of grab bar at 36").



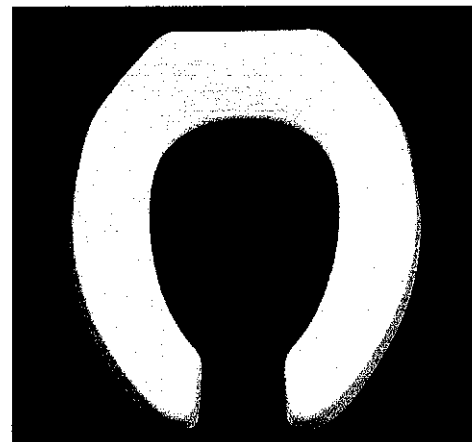


COMMERCIAL TOILET SEATS

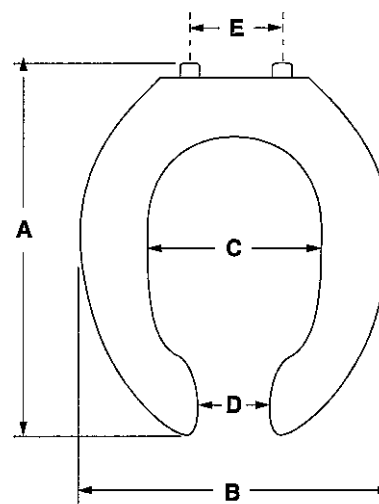
COMMERCIAL TOILET SEATS

- ☐ **5901.100** Elongated Heavy Duty bowl open front seat less cover
- ☐ **5901.100SS** Same as 5901.100 with self-sustaining hinge and EverClean® Surface
- ☐ **5901.110T** Same as 5901.100 and EverClean® Surface

- Open front toilet seat less cover
- Injection molded solid polypropylene
- Fits elongated bowl
- Features large molded-in bumpers
- External check hinge with 304 Series stainless steel hinge posts stops seat 11° beyond vertical
- EverClean® silver-based surface permanently inhibits the growth of stain and odor causing bacteria, mold and mildew on the surface. EverClean® surface does not protect against disease causing bacteria.

To Be Specified:
☐ Color: ☐ White

5901

Model #	5901
A	18-9/16" (471mm)
B	14-3/8" (365mm)
C	7-7/8" (200mm)
D	3-1/2" (89mm)
E	5-1/2" (140mm)
Ring Thickness	7/8" (22mm)
Ring Thickness with Bumper	1" (25mm)

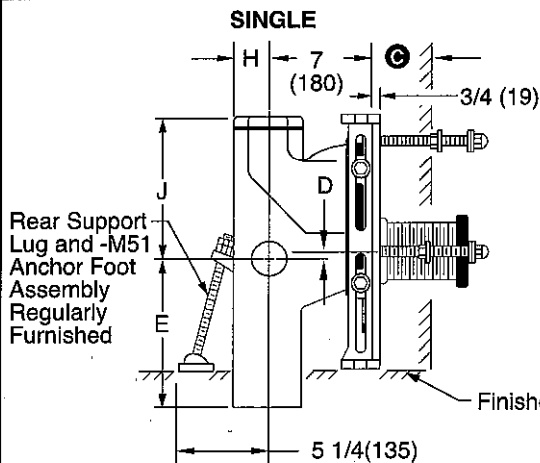




LOCATION

WC-1 & WC-2 MAIN BLDG

ADJUSTABLE FIXTURE SUPPORTS FOR SIPHON JET WATER CLOSETS



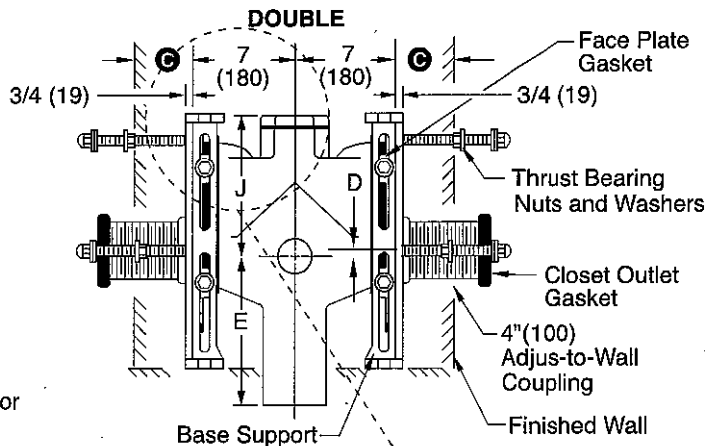
Side View

A SIZE	D		E	**F	H	J
	MIN	MAX				
4(100)	1 1/2(38)	4 1/4(110)	14(355)	5 1/4(135)	2 1/4(57)	9(230)
5(125)	1 1/2(38)	4 1/4(110)	11 1/2(290)	6 1/4(160)	2 3/4(70)	11 1/2(290)
6(150)	1 1/2(38)	4 1/4(110)	11 1/2(290)	6 1/4(160)	3 1/4(83)	11 1/2(290)

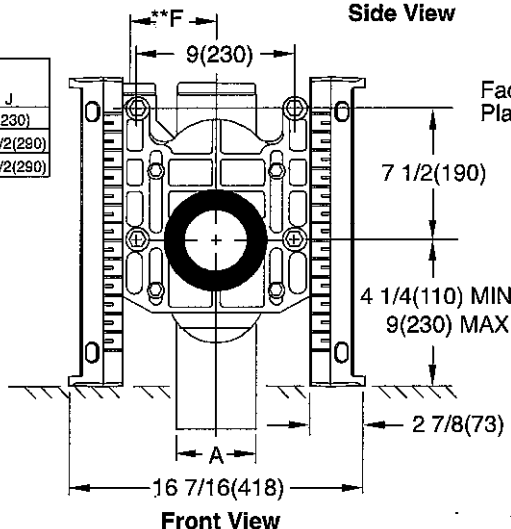
NOTE: Base support must be firmly anchored to floor with one 1/2"(13) bolt per base support provided by contractor.

NOTE: All single supports shall have the rear support lug anchored by the contractor to assure a rigid installation. The rear support completes the 3-point anchoring system for ultimate stability of the installation.

- Fig. 0230Y (-M54-M58) . . . NO-HUB
- Fig. 0230DY (-M54-M58) . . . NO-HUB DOUBLE



Side View



Front View

NOTE: When used with concealed flush valve locate face plate behind supply pipe.

NOTE: Shallower minimum rough-in dimension available to accommodate lower rough bowls. Specify dimension required.

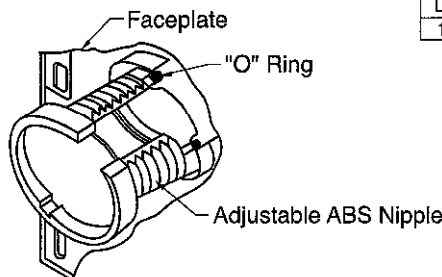
NOTE: 1 1/2(38) or 2(51) NPT inlet available. Add suffix -N

*NOTE: 9"(230) core drilled hole is required for rough-in 4 1/4(110) thru 6 1/2(165)

**NOTE: "F" dimension is from centerline of vent to centerline of stack.

NOTE: Dimensions shown in parentheses are in millimeters.

NOTE: When nipple lengths between 3 1/4"(83) and 10 3/4"(275) are specified, the 10"(255) nipple will be supplied. The threaded end of nipple must be cut to specified length by others.



*ABS (Regularly Furnished).

LENGTH	MIN.	C	MAX.
10(255)	9 3/4"(250)		10 3/4"(275)

FIGURE NUMBER	REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
0230Y (-M54-M58)	C	11/20/09	Rev. Dim., Table 3/4 (19) was 1/2 (13) Moved J & E Dimensions	TBW JJ	CL CL			0230Y (-M54-M58)

*American
Standard*

Washbrook® FloWise®
Universal Urinal
VITREOUS CHINA



Washbrook® FloWise®
Universal Urinal

- Vitreous china
- Ultra High Efficiency, Low Consumption. Operates in the range of 0.125gpf to 1.0gpf (0.5 Lpf to 3.8 Lpf)
- Flushing rim
- Elongated 14" rim from finished wall
- Washout flush action
- Extended sides for privacy
- 3/4" inlet spud
- Outlet connection threaded 2" inside (NPTF)
- 2 wall hangers
- Fixture only
- Strainer included
- Meets ASME flush requirements at 0.125 to 1.0 gpf

- ☐ **6590.001** Universal Top spud
- ☐ **6515.001** Universal Back spud

Nominal Dimensions:

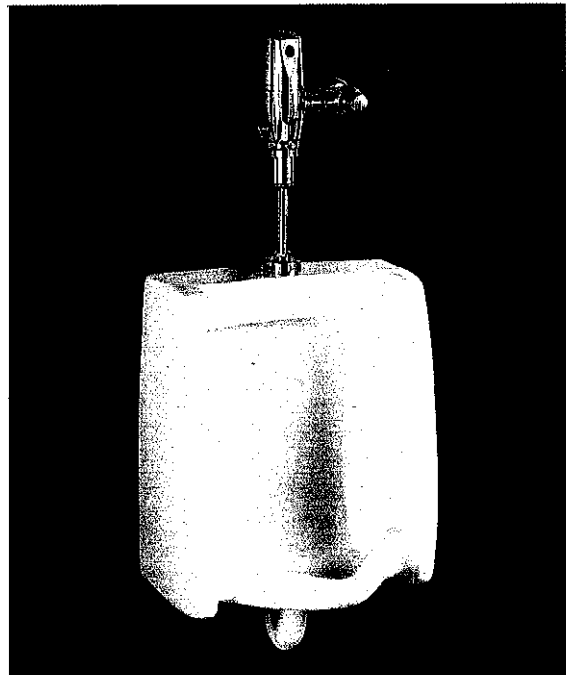
360 x 480 x 664mm
(14-1/8" x 18-7/8" x 26-1/8")

Recommended working pressure – between
20 psi at valve when flushing and 80 psi static

Compliance Certifications -

Meets or Exceeds the Following Specifications:

- ASME A112.19.2-2008/CSA B45.1-08 for Vitreous China Fixtures



SEE REVERSE FOR ROUGHING-IN DIMENSIONS

To Be Specified:

- ☐ Color: ☐ White
- ☐ Flush Valve:

1.0 gpf Flush Valve: Sensor-Operated:

- ☐ American Standard Selectronic® #6063.101.002 DC Power (Top Spud)
- ☐ American Standard Selectronic® #6062.101.002 AC Power (Back Spud)

1.0 gpf Flush Valve: Manual-Operated:

- ☐ American Standard # 6045.101.002

0.5 gpf Flush Valve: Sensor-Operated:

- ☐ American Standard Selectronic® #6063.051.002 DC Power (Top Spud)
- ☐ American Standard Selectronic® #6062.051.002 AC Power (Back Spud)

0.5 gpf Flush Valve: Manual-Operated:

- ☐ American Standard #6045.051.002

0.125 gpf Flush Valve: Sensor-Operated:

- ☐ American Standard Selectronic® #6063.013.002 DC Power (Top Spud)
- ☐ American Standard Selectronic® #6062.013.002 AC Power (Back Spud)

0.125 gpf Flush Valve: Manual-Operated:

- ☐ American Standard #6045.013.002



MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES
AND ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND
FACILITIES - CHECK LOCAL CODES.

- When installed so top of rim is 432mm (17") MAXIMUM from finished floor.

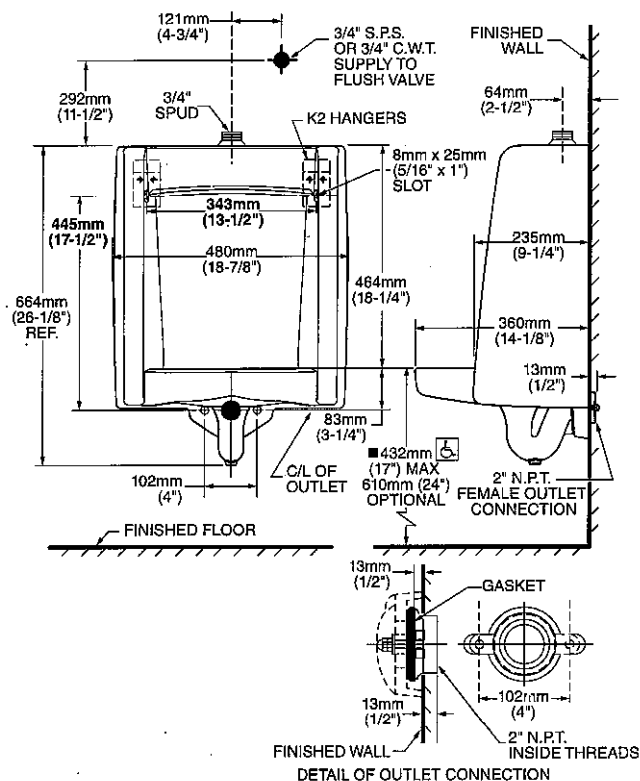


When used with
0.125 gpf
urinal flush valve

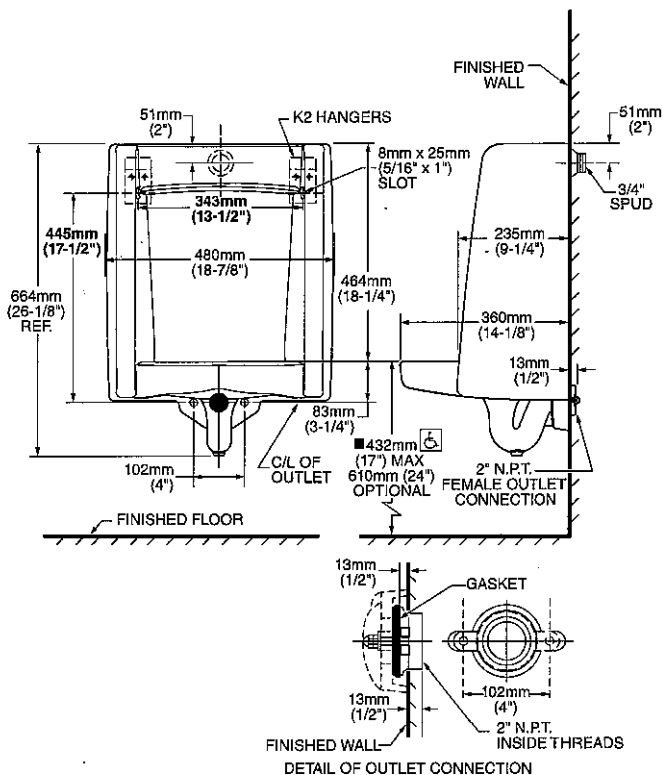
When used with
0.125 or 0.5 gpf
urinal flush valve

ADA
COMPLIANT

6590.001 TOP SPUD



6515.001 BACK SPUD



**MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES
AND ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND
FACILITIES - CHECK LOCAL CODES.**

- When installed so top of rim is 432mm (17") MAXIMUM from finished floor.

NOTES:

NOTES:
FLUSH VALVE NOT INCLUDED AND MUST BE ORDERED SEPARATELY.
PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORTS.

IMPORTANT: Dimensions of fixtures are nominal and may vary within the range of tolerances established by ANSI Standard A112.19.2. These measurements are subject to change or cancellation. No responsibility is assumed for use of superseded or voided pages.

CODE NUMBER

3250325

DESCRIPTION

0.125 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Electrical Override, Battery, ECOS® Exposed Sensor Urinal Flushometer.

DETAILS

- Flush Volume: 0.125 gpf (0.5 Lpf)
- Finish: Polished Chrome (CP)
- Power Type: Battery (I)
- Battery Life: 6 years
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-In Dimension: 11 1/2" (292mm)
- Spud Coupling: 3/4" (19mm)
- Supply Pipe: 3/4" (19mm)
- Override: Electrical (OR)

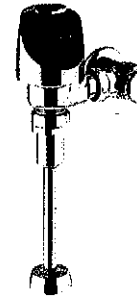
FEATURES

- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Synthetic rubber seals for chloramine resistance
- "Low Battery" Flashing LED
- Sweat solder adapter with cover tube and cast wall flange with set screw
- Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Engineered Metal Cover with replaceable Lens Window
- Four (4) Size AA batteries included
- Courtesy Flush® Override Button (optional)
- ADA Compliant Sloan ECOS® Battery powered Infrared Sensor for automatic "No Hands" operation
- 3/4" IPS screwdriver Bak-Chek® angle stop with vandal resistant stop cap

PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass

VIDEOS

- PVD Special Finishes

**COMPLIANCES & CERTIFICATIONS**

(ADA Compliant, BAA Compliant, BREEAM Materials Credit, BREEAM Water Credit, Carbon Neutral, cUPC Certified, cUPC Green Certified, EPD, Green Globes Materials & Resources Credit, Green Globes Water Credit, HPD, LEED Materials & Resources EPD Credit, LEED Materials & Resources HPD Credit, LEED V4 Water Efficiency Credit, Satisfies LEED Credits, WaterSense Listed, WELL Building Standard)

RECOMMENDED SPECIFICATION

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

ELECTRICAL SPECIFICATIONS

- Battery Life: 6 years

VALVE OPERATING PRESSURE (FLOWING)

15-80 PSI (103-552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

DOWNLOADS

- Sloan ECOS Valve Installation Instructions
- Sloan Ecos Valve (Spanish) Installation Instructions
- Control Stop Repair and Maintenance Guide
- Flush Connections Flanges Repair and Maintenance Guide
- Tail Piece Repair and Maintenance Guide
- ECOS Repair and Maintenance Guide
- Sloan Optima Plus Flushometers Repair and Maintenance Guide
- Flushometer Pressure gauges

Sloan 10500 Seymour Ave, Franklin Park, IL 60131
Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com

- Additional Downloads

NOTES

All information contained within this document subject to change without notice.

Looking for other variations of the ECOS 8186 product? View the general spec sheet with all options.

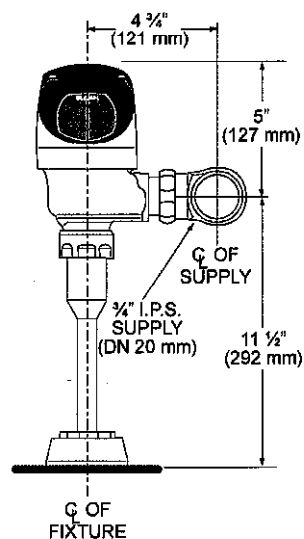
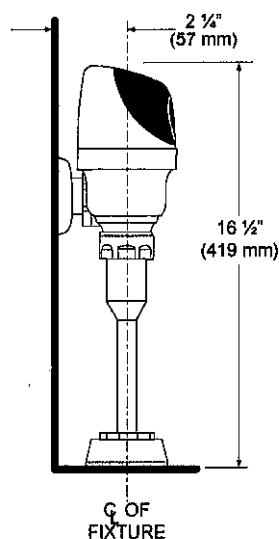
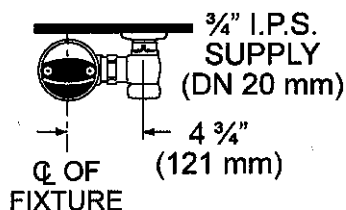
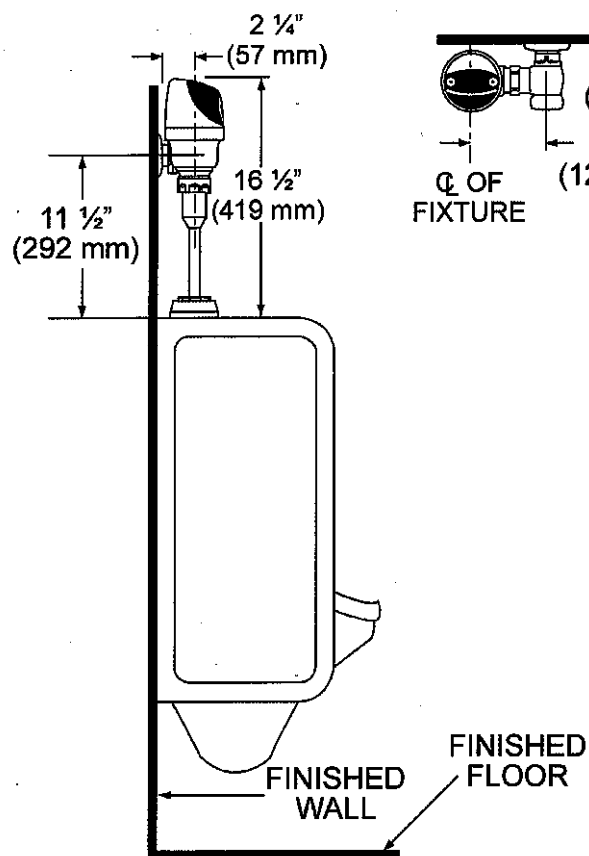
Find a compatible urinal for this flushometer.

Find a compatible water closet for this flushometer.

WaterSense compliant when used with a WaterSense compliant fixture

Battery life varies according to actual usage and restroom conditions.

ROUGH-IN



Sloan 10500 Seymour Ave, Franklin Park, IL 60131
Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com



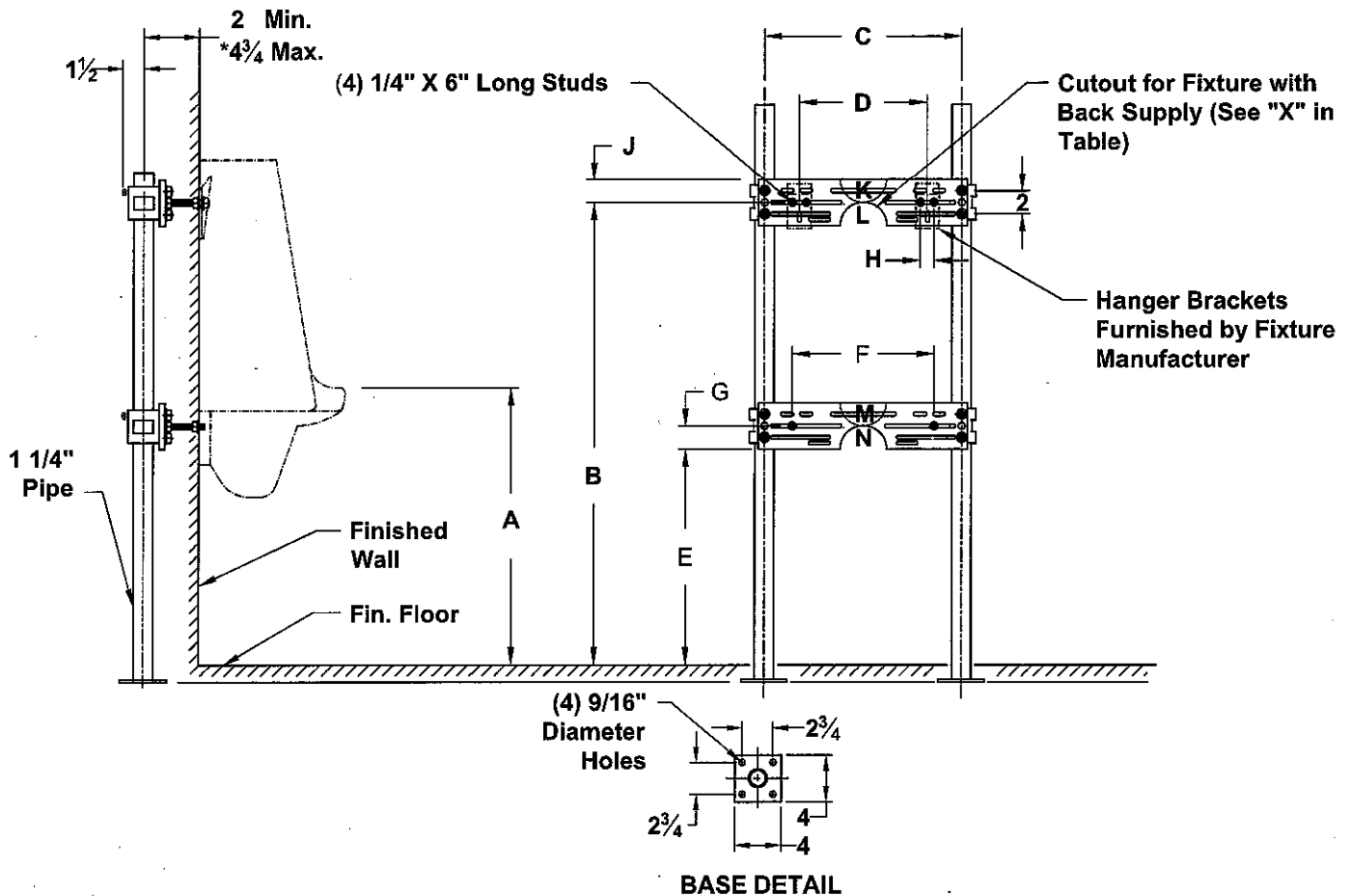
JAY R. SMITH MFG. CO.
DIVISION OF SMITH INDUSTRIES, INC.
POST OFFICE BOX 3237
MONTGOMERY, ALABAMA 36109-0237 (USA)
TEL: 334-277-8520 TELEX: 782308 FAX: 334-272-7396



LOCATION

UR-1 MAIN BLDG

FIXTURE SUPPORT FLOOR MOUNTED TYPE
WITH SUPPORT PLATES AND FIXTURE MOUNTING STUDS
FOR URINALS WITH CONCEALED WALL HANGERS



FIXTURE MANUFACTURER	NUMBER	A	B	C	D	E	F	G
American Standard	6590.001	24	39 1/4	17	13 1/2	12 3/4	8	1
FIXTURE NAME	6515.001	H	J	K	L	M	N	
Washbrook "Flowise 0.125"	6590.125	1 3/16	2	X	---	---	X	

NOTE: Uses two(2) 70085-86-6 universal support plates.

NOTE: *This dimension can be increased when fixture support is to be installed behind the wall. (Specify when required and wall thickness).

NOTE: The rough-in dimensions listed on this drawing are based on current information available to Jay R. Smith by the fixture manufacturers. We recommend that you verify these dimensions with the fixture manufacturer. We will not accept responsibility for rough-in dimension changes by the fixture manufacturer.

0637

FIGURE
NUMBER

A	11-06-2008	REDRAWN/UPDATED	CR	CR
REV.	DATE	DESCRIPTION	BY	CKD. BY

WEIGHT
POUNDS

VOLUME
CUBIC FEET

FIGURE NUMBER

0637



Location:


SYMMONS® Temptrol®
Commercial


C-96-1-X, C-96-1-TRM & C961TRMTC

Shower System & Trim

Specification Submittal

Model Numbers	Feature Highlights
<input type="checkbox"/> C-96-1-X Shower System with Temptrol Pressure Balancing Shower Valve <input checked="" type="checkbox"/> C-96-1-TRM Shower Trim, Temptrol Pressure Balancing Shower Valve ordered separately <input type="checkbox"/> C961TRMTC Shower Trim with TA-10 flow control spindle and T-12A cap assembly, must order Temptrol valve with Test Cap	<ul style="list-style-type: none"> • Temptrol Commercial Shower System or Trim • Requires Temptrol® Pressure Balancing Shower Valve (included with C-96-1-X) • Integral service stops allow water shutoff at valve for service (included with C-96-1-X) • Adjustable stop screw to limit hand turn (included with C-96-1-X) • Metal lever handle • 1 mode showerhead • 2.0 gpm (7.6 L/min) flow restrictor • Tub spout not included • Components shall be metal and nonmetallic construction, plated in standard Polished Chrome finish • Available with TA-10 flow control spindle and T-12A cap assembly for Temptrol valve bodies installed with Test Cap (order p/n C961TRMTC)
Options/ Modifications	Warranty
<input type="checkbox"/> VP Vandal resistant escutcheon screws in place of standard screws <input type="checkbox"/> X-CHKS Integral check stops - for use in installations where a positive shutoff device is used downstream of mixing valve <input type="checkbox"/> Delete Suffix X Less integral service stops <input checked="" type="checkbox"/> L/HD Shower head not included Includes showerhead arm and flange only <input type="checkbox"/> L/HDL Handle not included Includes showerhead arm and flange only	<p>Limited Lifetime - to the original end purchaser in consumer/residential installations. 10 Years - for commercial/industrial installations. Refer to www.symmons.com/warranty for complete warranty information.</p> 
<p>Note: Append appropriate -suffix to model number.</p> <p>Compliance</p> <p>- ASME A112.18.1/CSA B125.1</p> 	

Architectural/ Engineering Specification

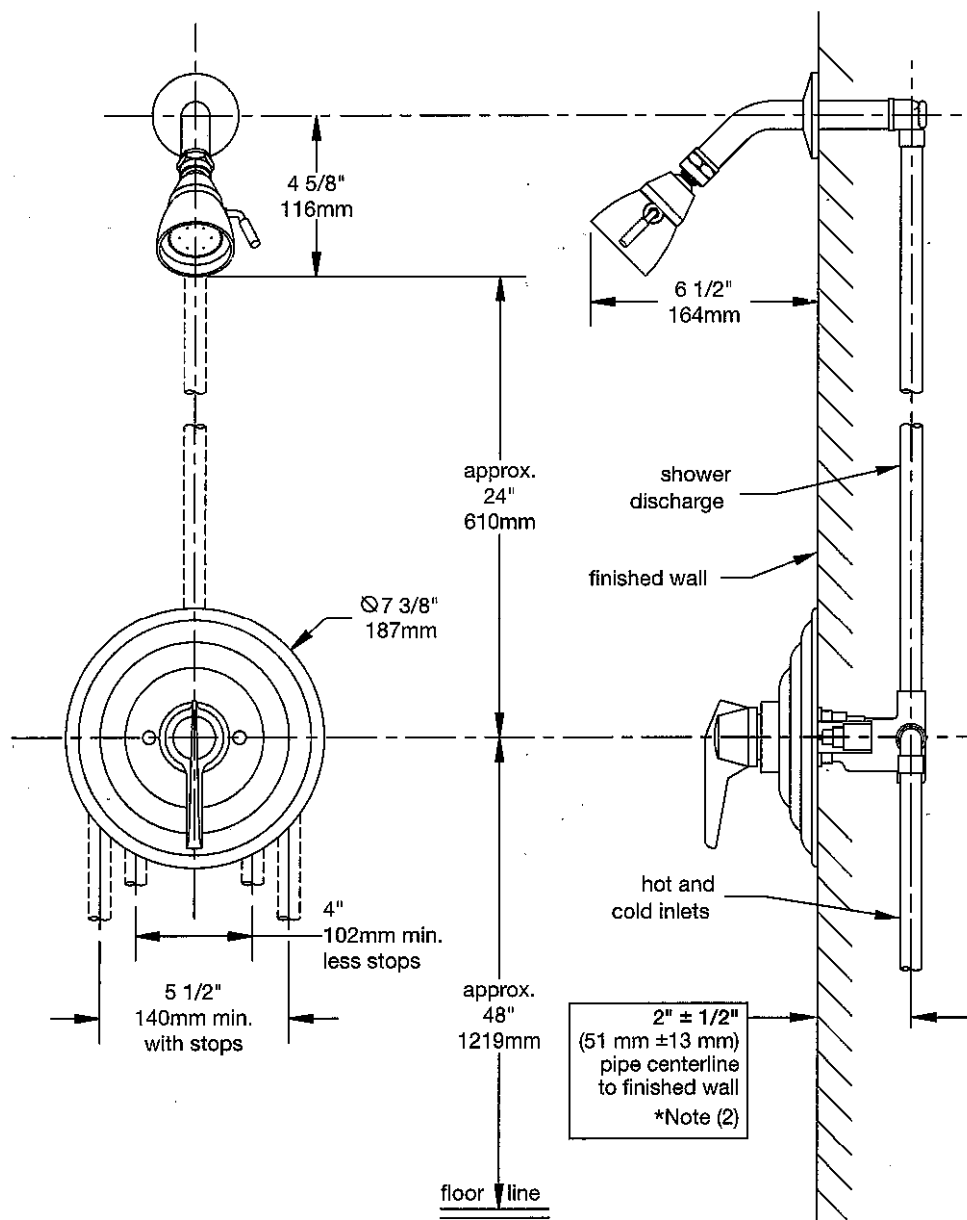
Symmons Temptrol and Commercial Shower System and Trim _____ Includes Temptrol Commercial Shower System or Trim, Requires Temptrol® Pressure Balancing Shower Valve (included with C-96-1-X), Integral service stops allow water shutoff at valve for service (included with C-96-1-X), Adjustable stop screw to limit hand turn (included with C-96-1-X), Metal lever handle, 1 mode showerhead, 2.0 gpm (7.6 L/min) flow restrictor, Tub spout not included, Components shall be metal and nonmetallic construction, plated in standard Polished Chrome finish, Available with TA-10 flow control spindle and T-12A cap assembly for Temptrol valve bodies installed with Test Cap (order p/n C961TRMTC). 10 Year Commercial Warranty. ASME A112.18.1/CSA B125.1 compliant. Available options: "VP - Vandal resistant escutcheon screws in place of standard screws", "X-CHKS - Integral check stops - for use in installations where a positive shutoff device is used downstream of mixing valve", "Delete Suffix X - Less integral service stops", "L/HD - Shower head not included Includes showerhead arm and flange only", "L/HDL - Handle not included Includes showerhead arm and flange only".



SYMMONS® Temptrol® Commercial

C-96-1-X, C-96-1-TRM & C961TRMTC

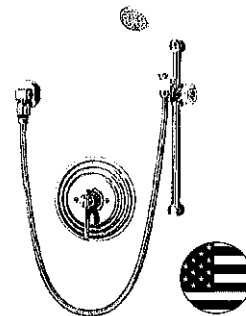
Dimensions



Notes:

- 1) Valve body and piping not included and shown as reference only.
- 2) Plaster shield (p/n T-176) for dry wall, plaster or other type walls 1/2" or greater.
- 3) All dimensions measured from nominal rough-in.
- 4) Dimensions subject to change without notice.

Location:

**SYMMONS®****Temptrol®
Commercial**

C-96-300-B30-V-X, C-96-300-B30-V-TRM & C96300B30TRMTC

Hand Shower System & Trim

Specification Submittal**Model Numbers**

- ☐ **C-96-300-B30-V-X** Hand Shower System with Temptrol Pressure Balancing Shower Valve
- ☒ **C-96-300-B30-V-TRM** Hand Shower Trim, Temptrol Pressure Balancing Shower Valve ordered separately
- ☐ **C96300B30TRMTC** Hand Shower Trim with TA-10 flow control spindle and T-12A cap assembly, must order Temptrol valve with Test Cap

Options/ Modifications

- ☐ **72** 72" hose in place of 60" hose
- ☐ **1.5** 1.5 gpm (5.7 L/min) flow restrictor
- ☐ **L/HS** **Hand Shower wand not included Includes hose, in-line vacuum breaker, wall connections, cradle and flange only**
- ☐ **Delete Suffix X** Less integral service stops
- ☐ **CHKS** Integral check stops - for use in installations where a positive shut-off device is used downstream of mixing valve
- ☐ **VP** Vandal resistant escutcheon screws in place of standard screws
- ☐ **R** 60" white vinyl hose in place of 60" metal hose
- ☐ **L2** Less hand shower (wand only)
- ☐ **L7** Less handle
- ☐ **LAM** Metal finish insert handle
- ☐ **QD** Quick-disconnect on hand shower units

Note: Append appropriate -suffix to model number.**Feature Highlights**

- Temptrol Commercial Hand Shower System or Trim
- Requires Temptrol® Pressure Balancing Shower Valve (included with C-96-300-B30-V-X)
- Integral service stops allow water shutoff at valve for service (included with C-96-300-B30-V-X)
- Adjustable stop screw to limit hand turn (included with C-96-300-B30-V-X)
- Metal lever handle
- Dual checks for backflow protection
- 30" slide bar for hand shower
- 60" flexible metal hose
- 1 mode hand shower
- 2.0 gpm (7.6 L/min) flow restrictor
- Tub spout and showerhead not included
- Components shall be metal and nonmetallic construction, plated in standard Polished Chrome finish
- Available with TA-10 flow control spindle and T-12A cap assembly for Temptrol valve bodies installed with Test Cap (order p/n C96300B30TRMTC)

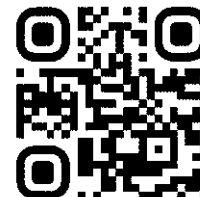
Compliance

- ASME A112.18.1/CSA B125.1
- WaterSense @ 1.5 gpm

**Warranty**

Limited Lifetime - to the original end purchaser in consumer/residential installations.

10 Years - for commercial/industrial installations. Refer to www.symmons.com/warranty for complete warranty information.

**Architectural/ Engineering Specification**

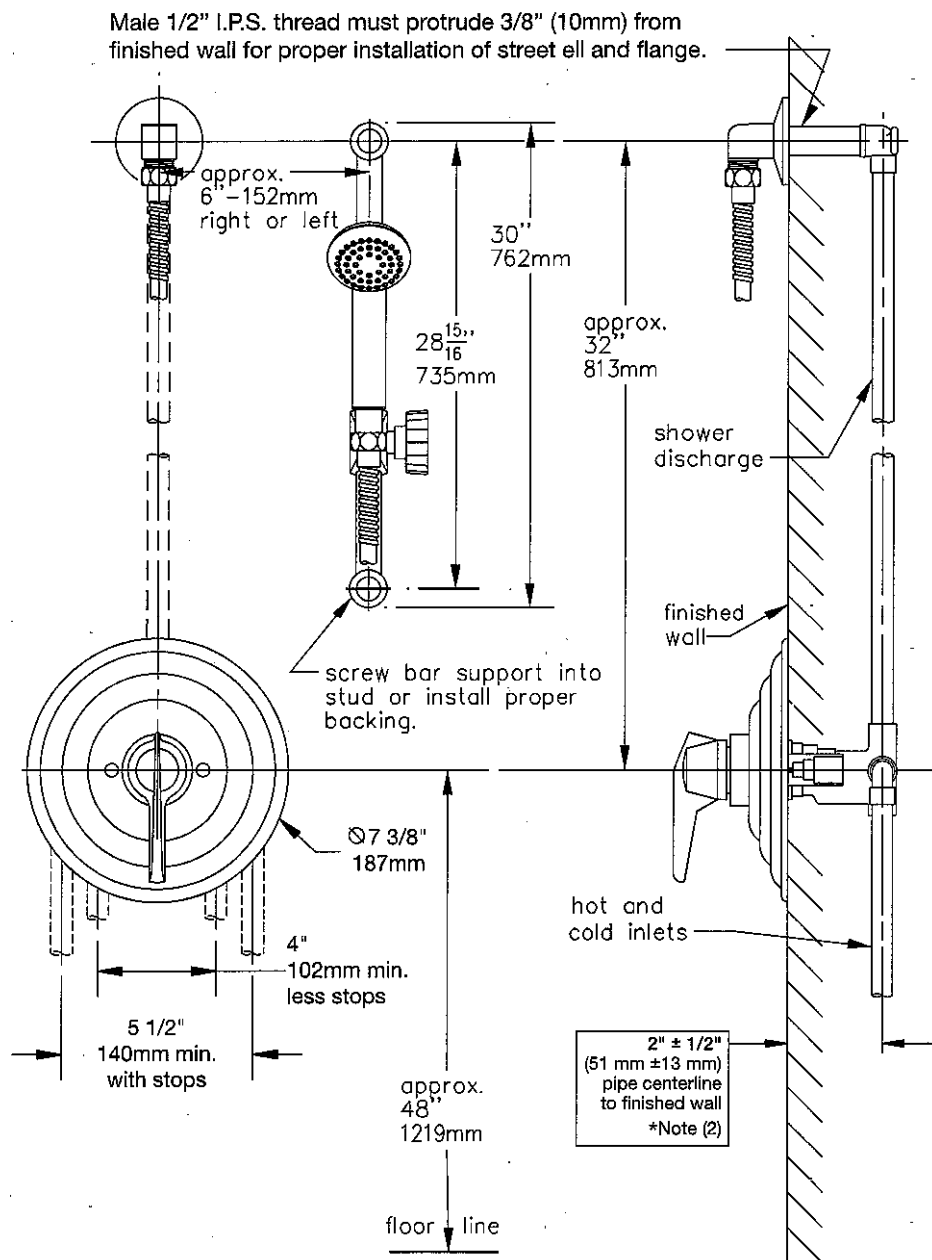
Symmons Temptrol and Commercial Hand Shower System or Trim _____ Includes Temptrol Commercial Hand Shower System or Trim, Requires Temptrol® Pressure Balancing Shower Valve (included with C-96-300-B30-V-X), Integral service stops allow water shut-off at valve for service (included with C-96-300-B30-V-X), Adjustable stop screw to limit hand turn (included with C-96-300-B30-V-X), Metal lever handle, Dual checks for backflow protection, 30" slide bar for hand shower, 60" flexible metal hose, 1 mode hand shower, 2.0 gpm (7.6 L/min) flow restrictor, Tub spout and showerhead not included, Components shall be metal and nonmetallic construction, plated in standard Polished Chrome finish, Available with TA-10 flow control spindle and T-12A cap assembly for Temptrol valve bodies installed with Test Cap (order p/n C96300B30TRMTC). 10 Year Commercial Warranty. ASME A112.18.1/CSA B125.1, WaterSense @ 1.5 gpm compliant. Available options: "72 - 72" hose in place of 60" hose", "1.5 - 1.5 gpm (5.7 L/min) flow restrictor", "L/HS - Hand Shower wand not included, Includes hose, in-line vacuum breaker, wall connections, cradle and flange only", "Delete Suffix X - Less integral service stops", "CHKS - Integral check stops - for use in installations where a positive shut-off device is used downstream of mixing valve", "VP - Vandal resistant escutcheon screws in place of standard screws", "R - 60" white vinyl hose in place of 60" metal hose", "L2 - Less hand shower (wand only)", "L7 - Less handle", "LAM - Metal finish insert handle", "QD - Quick-disconnect on hand shower units".



SYMMONS® Temptrol® Commercial

C-96-300-B30-V-X, C-96-300-B30-V-TRM & C96300B30TRMTC

Dimensions



Notes:

- 1) Valve body and piping not included and shown as reference only.
- 2) Plaster shield (p/n T-176) for dry wall, plaster or other type walls 1/2" or greater.
- 3) All dimensions measured from nominal rough-in.
- 4) Dimensions subject to change without notice.

STF-3838

Swanstone Performix Transfer Trench Drain Shower Pan

Manufactured from Swanstone Solid Surface

Recommended for high-use traffic areas and commercial surfaces.

FEATURES

- Compression-molded solid surface with glass reinforcement technology.
- $\frac{3}{4}$ " low threshold entry.
- Patented wall-to-wall trench system with attractive 304 stainless grate.
- No need to recess slab which provides a cost-saving, easy installation.
- Reinforced solid surface will not mold or mildew, no grout to clean.
- Engineered for strength with molded-in structure supports.
- Slip-resistant, textured bottom surface.
- Coordinates with Swanstone shower systems.
- To be used with Swanstone walls 36" x 48" or larger.
- Warranty: Limited Lifetime - Residential
Limited 30-year - Commercial

Model	Nominal Size	Rough-In Dimensions			
		A	B	C	D
STF-3838	38" x 38" Shower Transfer Pan	37 $\frac{1}{4}$ "	37 $\frac{3}{16}$ "	18 $\frac{1}{8}$ "	33 $\frac{1}{16}$ "

IMPORTANT: Rough-in dimensions are provided for reference only. You must measure the actual shower pan and check local building code requirements before construction of the stud wall.

SPECIFICATIONS

Model	Part	Ship Wt. Lb.	Carton Dims. In.	Cu. Ft.
STF-3838	ST03838	50	45 x 43 x 10	12

Includes: One code-approved compression-molded Swanstone trench drain shower pan. Standard 2" shower drain sold separately.

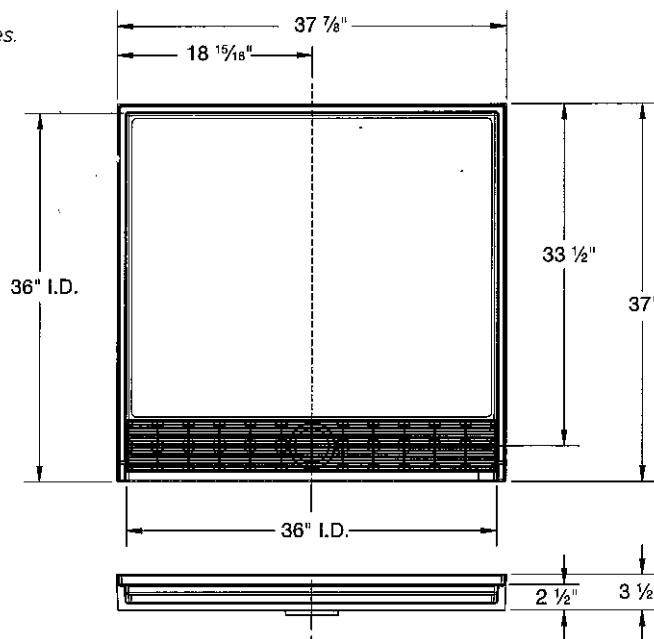
Packaging: Each pan packed in a rectangular carton.

COLORS**Solid Colors:**

- White (010)
- Bisque (018)
- Bone (037)

Aggregate Colors:

- Bermuda Sand (040)
- Black Galaxy (015)
- Carrara (221)
- Concrete Ash Gray (203)
- Concrete Birch (226)
- Concrete Charcoal Gray (209)
- Concrete Clay (212)
- Concrete Limestone (218)
- Concrete Sandstone (215)
- Ice (130)
- Tahiti White (011)

**STANDARDS AND RATINGS**

ADA

FHA/ANSI B

HUD UM73a

American National Standard Institute—ANSI Z124.1.2

International Association of Plumbing and Mechanical Officials (IAPMO)—Listed

CSA Standard B45.5 by IAPMO

Uniform Plumbing Code (UPC)

California Building Code (CBC)/Title 24

For a complete list of tests and results see the Technical Data Sheet.

MAINTENANCE AND CLEANING INFORMATION

Clean regularly with common household liquid cleaners and a sponge or soft cloth. For hard water stains, scale removers can be used. If necessary, abrasive cleaners can be used with a nylon brush or pad to remove build up on the shower pan surface. **Do not** use a metal-scouring pad or a wire brush, as it will damage the surface. **Do not** use "leave on" cleaning products, such as automatic spray shower cleaners. Prolonged contact with harsh chemicals could have an adverse reaction over time and discolor surfaces. **Do not** use cleaning agents that caution use on acrylic, polyester or plastics.

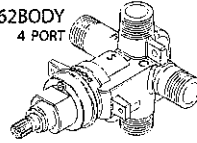
SUPPORT DOCUMENTS

Installation instructions available at swanstone.com.

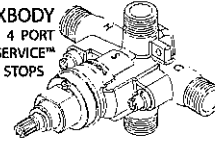


Temptrol®
Pressure Balancing Valve
262BODY, 262XBODY, 261XBODY
Installation Instructions

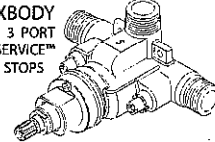
262BODY
4 PORT



262XBODY
4 PORT
EASYSERVICE™
STOPS



261XBODY
3 PORT
EASYSERVICE™
STOPS



COMPLIANCE

- ASME A112.18.1/CSA B125.1
- ASSE 1016
- Buy American Act Compliant



IMPORTANT / FOR INSTALLER

⚠ WARNING:

As the installer of this valve, you must first carefully read and understand the material covered in this manual before installing and adjusting this valve per instructions. Failure to do so may compromise the installation, operation and/or serviceability of this valve.

DO NOT install positive shut-off devices on the outlet of this valve, or devices that do not allow the valve to flow at least 1.5 GPM at 45 psi inlet pressure. Exception: If a self-closing or slow-closing valve is installed on the outlet, the supplies of the valve must be equipped with checks to eliminate hot to cold bypass in the event the valve's handle is not turned off after use.

When installing this valve, failure to adjust limit stop screw properly may result in serious scalding.

LIFETIME LIMITED WARRANTY

All warranty claims MUST be pre-approved by Symmons.

All parts and finishes of the Symmons products are warranted to the original consumer purchaser to be free from manufacturing defects in material and workmanship for 5 years Non-Residential or Commercial Applications. Symmons warrants to the original consumer purchaser/end-user that any Symmons product will be free of defects in material and workmanship during normal domestic use for the life of your home.

Symmons recommends using a professional plumber for all installation and repair. During the warranty period, Symmons at its sole option, will provide replacement part(s) or product (or, if no longer available, a comparable product) to replace those which have proven defective in materials or workmanship under normal installation, use and service, FREE OF CHARGE for the time period of 5 years from the date of purchase. (BATTERIES NOT INCLUDED)

This warranty is extensive in that it covers replacement of all defective parts and even finish, but these are the only two things that are covered. Damage due to installation error, product abuse, product misuse, or use of cleaners containing abrasives, alcohols, or other organic solvents, whether performed by a contractor, Service Company or yourself are excluded from this warranty. Symmons will not be responsible for labor charges and/or damage incurred in installation or repair or replacement, nor for any indirect, incidental or consequential damages, losses, injury or costs of any nature relating to the bathing products. Except provided by law, this warranty is in

lieu of and excluded all other warranties, conditions and guarantees, whether expressed or otherwise, including without restriction those of merchantability or of fitness for use.

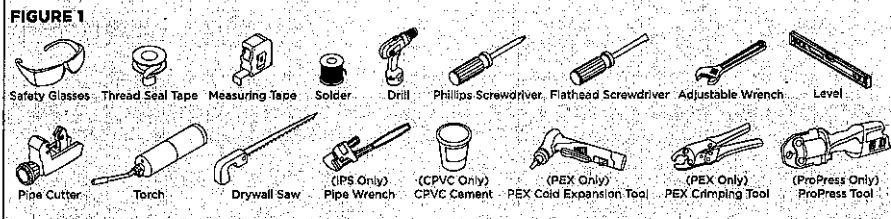
Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. This warranty gives you specific legal rights, and you also may have other rights which vary from state to state. This warranty is not transferable. This warranty does not cover damage or defects relating to misuse, abuse, negligence, normal wear and tear, accident, acts of God, repairs or alterations not authorized in writing by Symmons, or improper installation, storage or handling.

The above mentioned warranty information includes each product that falls under the following: Symmons Bathing Products Warranty- Non-Residential or Commercial Applications; Symmons Non-Electronic Lifetime Faucet and Finish Limited Warranty Non-Residential or Commercial Applications; Symmons Electronic Faucet Limited Warranty - Non-Residential, Commercial and Residential Applications; Symmons Bathing Products Warranty- Residential Application Symmons Non-Electronic Lifetime Faucet and Finish Limited Warranty Residential Application

If you have any questions regarding technical support, installation or concerns regarding our warranty plan, please email us at GetHelp@symmons.com or call us at 1-800-796-6667.

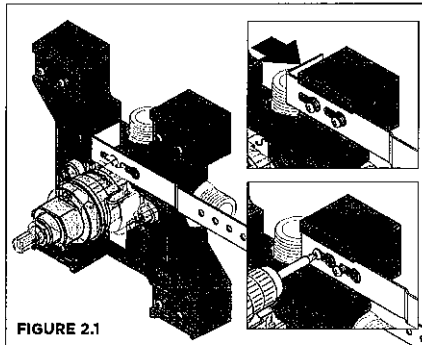
1. RECOMMENDED TOOLS

Copper, IPS, CPVC, PEX (Crimp) & PEX (Cold Expansion), ProPress



2. BRACKET INSTALLATION (P/N: 262BRBODY, 262XBRBODY)

2.1 Metal Straps

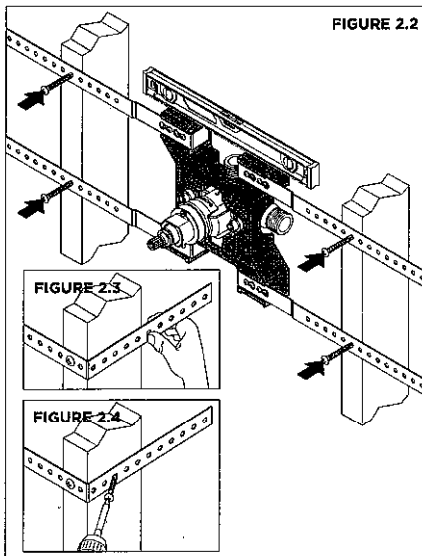


Rapid Install™ Bracket is used to secure valve between wall studs up to 24 inches, center to center. Bracket will fit in minimum 2x3 wall cavity. Bracket will rough valve at 2-7/8" from centerline of valve ports to front of finished wall.

1. Place metal straps (x4) over screws. Screws will come preassembled to bracket.
2. Pull metal straps tight against bracket ears. Screws will protrude through small screw hole in metal straps.
3. Drive screws into bracket to secure straps. Use caution not to strip screws.

NOTE: Valve will come preassembled to mounting bracket unless otherwise specified.

2.2 Install Bracket



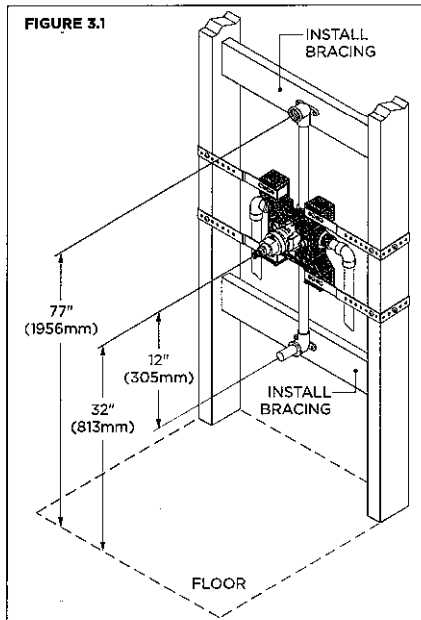
Rapid Install™ Bracket will locate valve body in wall cavity at appropriate depth (valve body rough-in is not required).

1. Confirm valve body and mounting bracket are level. Drive (x4) wood screws through metal straps into wood studs (see FIGURE 2.2).
2. Bend excess strap around wood studs. (see FIGURE 2.3)
3. Drive (4x) wood screws, at inward angle, through metal straps into sides of wood studs (see FIGURE 2.4). Installing wood screws at inward angle will pull metal straps tight against wood studs.

NOTE: If not using mounting bracket, see STEP 5.1 for stringer mounts installation.

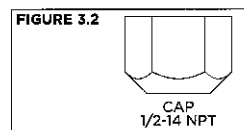
3. DIMENSIONS AND MEASUREMENTS

3.1 Tub/Shower Systems

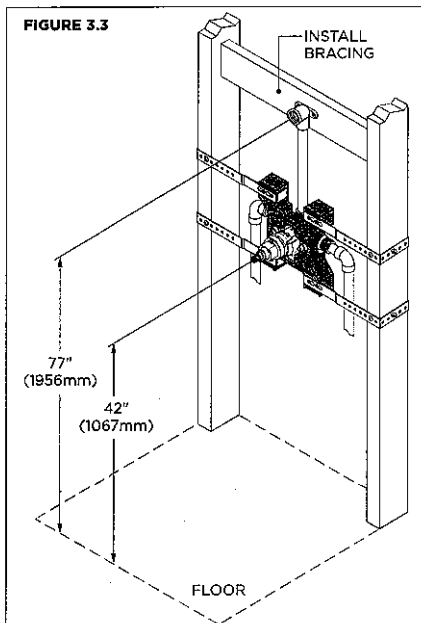


Valve should be positioned 32 inches above the tub basin floor. Shower arm should be 77 inches above the tub basin floor. Tub spout should be positioned approximately 12 inches below the valve.

When valve is used in shower only or tub spout only installation, apply plumber tape to outlet that will not be used and install the (not included) cap (T05537KIT) to that outlet (see FIGURE 3.2).



3.2 Shower Systems

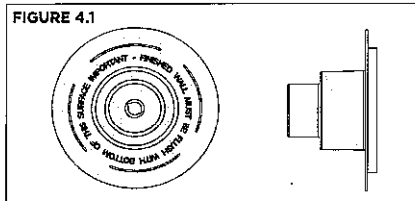


Valve should be positioned 42 inches above the tub basin floor. Shower arm should be 77 inches above the tub basin floor.

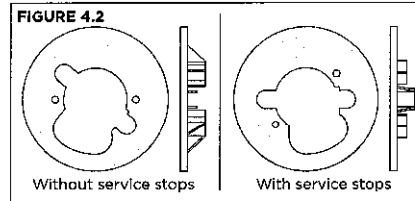
NOTE: For ADA compliance (Americans with Disabilities Act) consult your local municipality for proper product choice and mounting locations.

4. DETERMINE WALL TYPE

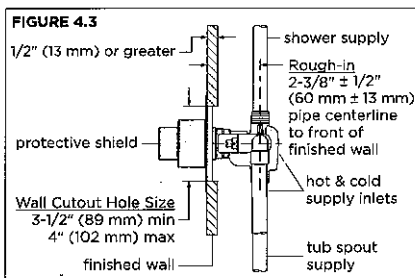
4.1 Protective Shield



4.2 Valve Mounting Plate



4.3 Drywall or Other Type Wall

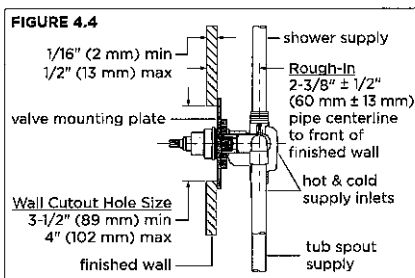


Protective shield is required for drywall, plaster or other type walls with:

- 1/2 inch (13 mm) or greater wall thickness

1. Attach protective shield by snap fitting over end of valve spindle to protect valve during wall construction.
2. Finished wall must be flush with back side of protective shield surface.

4.4 Thin Wall Installation

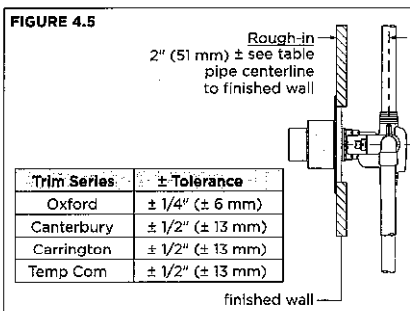


Valve mounting plate is required for fiberglass or acrylic walls, and optional for plaster or other type walls with:

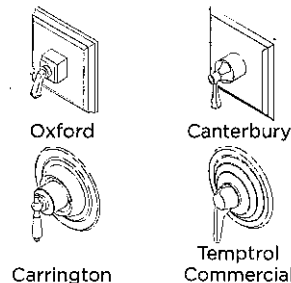
- Minimum 1/16 inch (2 mm) wall thickness
- Maximum 1/2 inch (13 mm) wall thickness

1. Seat mounting plate against valve (see FIGURE 4.2 for orientation).
2. Valve mounting plate must be flush with inner wall.

4.5 Alternative Rough-ins

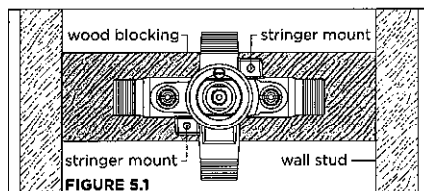


When installing valve used with any of the shower or tub/shower trims shown below, reference rough-in dimensions as shown in FIGURE 4.5 instead of standard valve rough-in:



5. VALVE BODY INSTALLATION

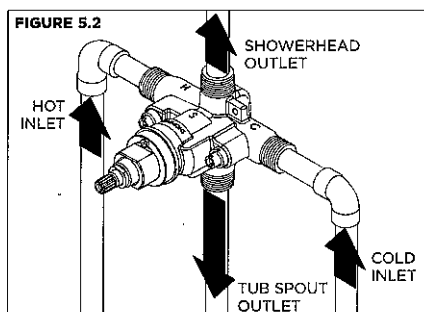
5.1 Stringer Mounts



Stringer mounts are used to secure valve body to wood blocking for valve bodies without Rapid Install™ Bracket (see FIGURE 5.1).

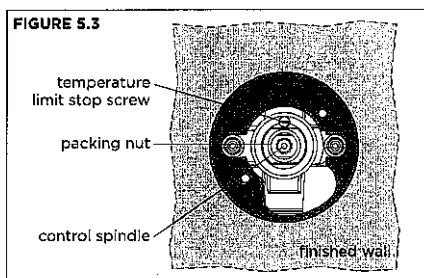
For installation with Rapid Install™ Bracket see STEPS 2.1 & 2.2.

5.2 Install Piping/Fittings (Bracket Removed for Clarity)



1. Install valve as specified in FIGURES 4.3 - 4.5, per application.
2. Pipe from outlet port on the valve marked S to showerhead mounting arm location.
3. Connect hot water supply to valve inlet marked H and cold water supply to valve inlet marked C.
4. Pipe from outlet port on valve marked T to tub spout (262BODY & 262XBODY only).
5. Remove protective shield snap fitted over the end of valve flow control spindle once valve is securely installed and wall finish work has been completed.

5.3 Adjust Valve Packing Nut



1. Turn hot and cold supplies on. Valve will not operate unless both hot and cold water supply pressures are on.
2. Place handle over flow control spindle.
3. Tighten packing nut for positive frictional resistance as handle is rotated from shut-off position across adjustment range.

5.4 Flush System

1. Turn valve to the warm position and run for a few minutes.
2. If system is dirty, remove TA-10 flow control spindle in center of valve to ensure proper flushing (see STEP 9.1).
3. Check for leaks around valve assembly and all pipe fittings.

5.5 Set Temperature Limit Stop Screw

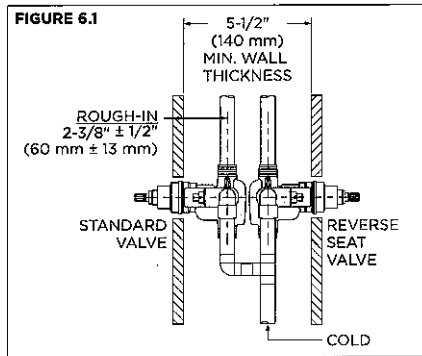
The temperature limit stop screw limits valve handle from being turned to maximum position, resulting in excessive hot water discharge temperatures.

⚠ WARNING: Failure to adjust temperature limit stop screw properly may result in serious scalding.

1. Place handle on flow control spindle and open valve to maximum desired temperature.
2. Turn limit stop screw clockwise until it seats (see FIGURE 5.3).

6. BACK TO BACK INSTALLATION

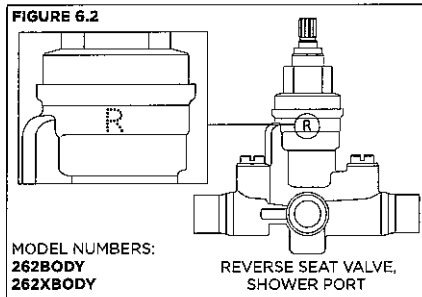
6.1 Back to Back Wall Type



1. To simplify piping on back to back installations, use one standard valve (hot on left, cold on right) and one SureGrip™ reverse seat valve (hot on right, cold on left) as shown in FIGURE 6.1.

NOTE: Back to back installations require 5-1/2" (140 mm) minimum wall thickness for proper installation, with or without bracket.

6.2 Identify Reverse Seat Valve

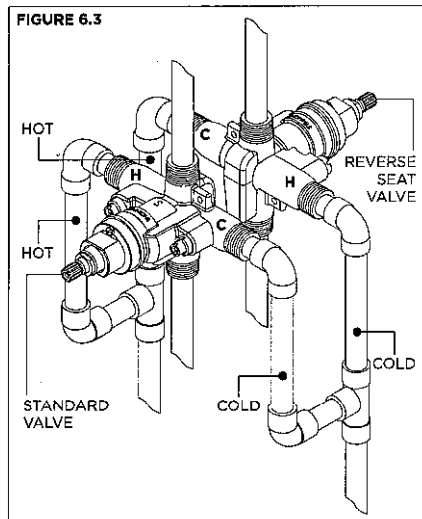


1. Locate the "R" stamp on shower port side of the valve body to identify SureGrip™ reverse seat valve as shown in FIGURE 6.2.

NOTES:

- 1) For 261XBODY, locate "R" stamp on tub port side of valve body.
- 2) Standard valve body will feature an "S" stamp.

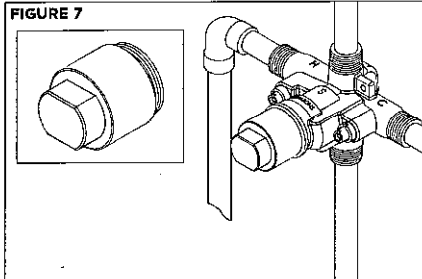
6.3 Install Piping/Fittings (Bracket Removed for Clarity)



1. Inlet marked H on standard valve should be plumbed to inlet marked C on SureGrip™ reverse seat valve.
2. Inlet marked C on standard valve should be plumbed to inlet marked H on SureGrip™ reverse seat valve (see FIGURE 6.3).
3. Follow STEPS 5.3 - 5.5 to complete installation of valve bodies.

7. PROSAFE™ TEST CAP (162BODY, 162XBODY, 161XBODY)

7.1 Install Valve Body with ProSafe™ Test Cap



To install valve body with test cap, follow instructions outlined in STEP 5.2.

Test cap will come installed to valve to allow pressurization of system. DO NOT remove test cap from valve during wall construction, installation of valve or pressurization of system.

⚠WARNINGS:

1. Test cap rated for pressure testing up to 200 psi maximum. DO NOT exceed 200 psi while pressure testing valve body.
2. Do not expose valve with test cap to heat for longer than 2 minutes when soldering copper tubing. Doing so may damage the internal components of the valve and will void the product warranty.
3. Ensure test cap is re-torqued to 30 lb-ft after soldering valve body.

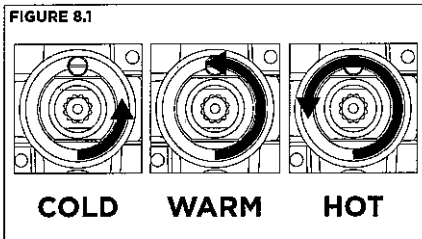
7.2 Preparing Valve Body with ProSafe™ Test Cap for Trim

TA-10 flow control spindle will be included with shower and tub/shower trim. When ready to install trim to valve:

1. Check for leaks around the valve assembly and all pipe fittings.
2. Remove test cap from valve.
3. If system is dirty, flush valve.
4. Install flow control spindle and cap assembly to valve (see STEP 9.5).
5. Adjust packing nut and set temperature limit stop screw (see STEPS 5.3 & 5.5).

8. VALVE BODY OPERATION

8.1 Operate Temperature



(Reference FIGURE 8.1)

Turn valve stem counter-clockwise approximately 1/4 turn to put valve in cold position.

Turn valve stem counter-clockwise approximately 1/2 turn to put valve in warm position.

Turn valve stem counter-clockwise approximately 3/4 turn to put valve in hot position.

9. SERVICE INSTRUCTIONS

9.1 Removing Flow Control Spindle

Reference parts breakdown (see FIGURE 10.1). See trim manual for trim removal instructions.

1. Shut off water supply to valve. Turn TA-10 flow control spindle to open position using trim handle.
2. Remove trim handle and dome cover.
3. Remove escutcheon plate by first removing escutcheon screws.
4. Unscrew both T-12A cap assembly and flow control spindle together.

9.2 Hot/Cold Seat Repair Kit

Service requires TA-4 hot and cold seat kit and T35C removal tool kit.

1. Remove flow control spindle (see STEP 9.1).
2. Remove both seats with removal tools, turning counterclockwise.
3. Replace both seats even if only one appears worn.
4. Install and tighten both seats to 15 foot pounds of torque, turning clockwise.

9.3 Flow Control Spindle Washer Repair Kit

Service requires TA-9 washer repair kit.

1. Remove flow control spindle (see STEP 9.1).
2. Remove cold washer by holding flow control spindle using trim handle and unscrew cold washer retainer using channel lock pliers, turning counterclockwise.
3. Remove hot washer by removing hot washer screw.

9.4 Checking Water Pressure Balancing Piston

The perforated end of the flow control spindle houses the water pressure-balancing piston.

1. Remove flow control spindle (see STEP 9.1).
2. Shake flow control spindle and listen for clicking noise. Piston should be free to slide back and forth the full length of its travel.
3. If piston appears restricted then do the following: a) tap the handle, or the stem end of flow control spindle, against a solid object to free the piston, or b) try soaking in household vinegar and repeat tapping handle or stem of flow control spindle.
4. If unable to free piston, replace flow control spindle.

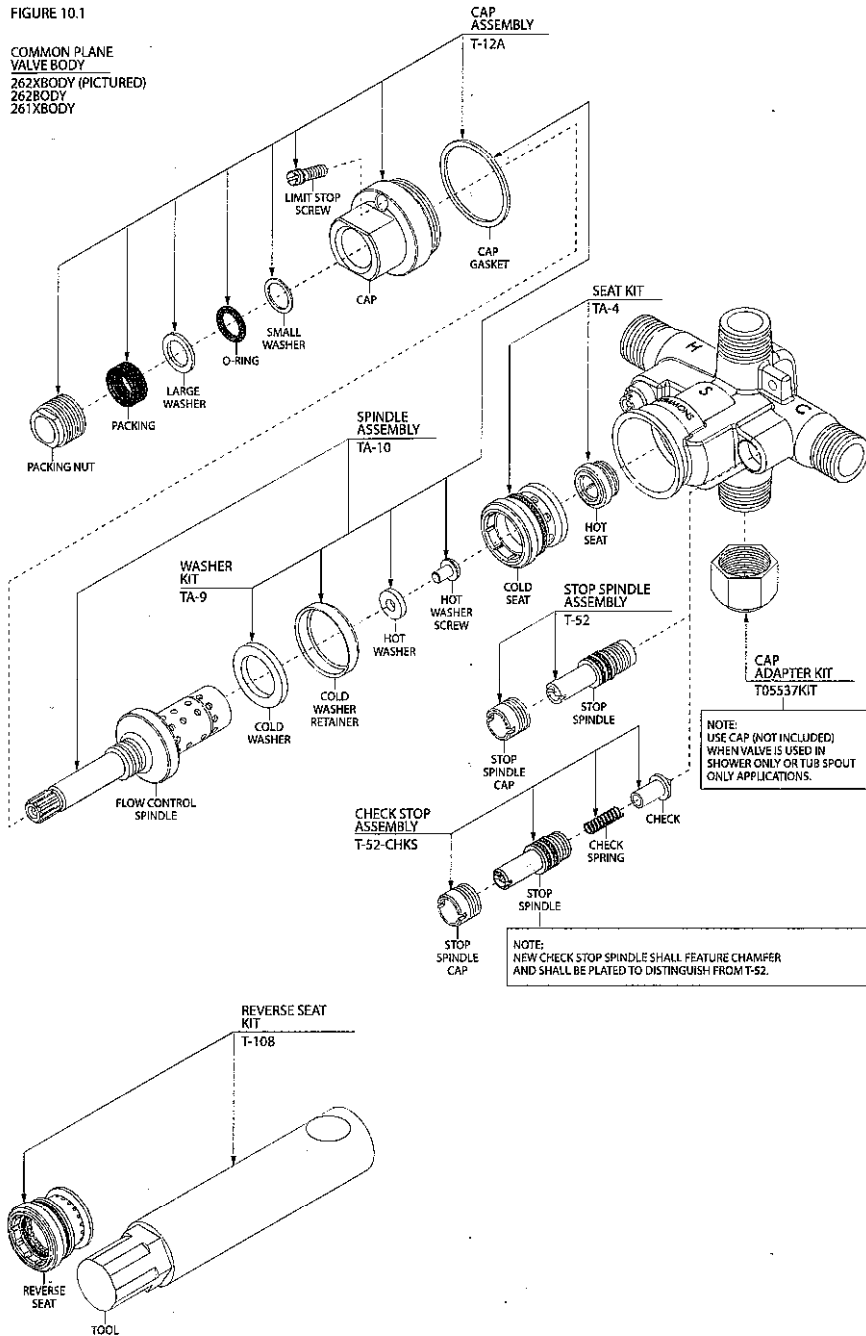
9.5 Valve Reassembly

Reassemble valve, reversing the procedure in STEP 9.1. Be sure flow control spindle is drawn close to the cap before screwing cap assembly back into valve.

10. PARTS BREAKDOWN

FIGURE 10.1

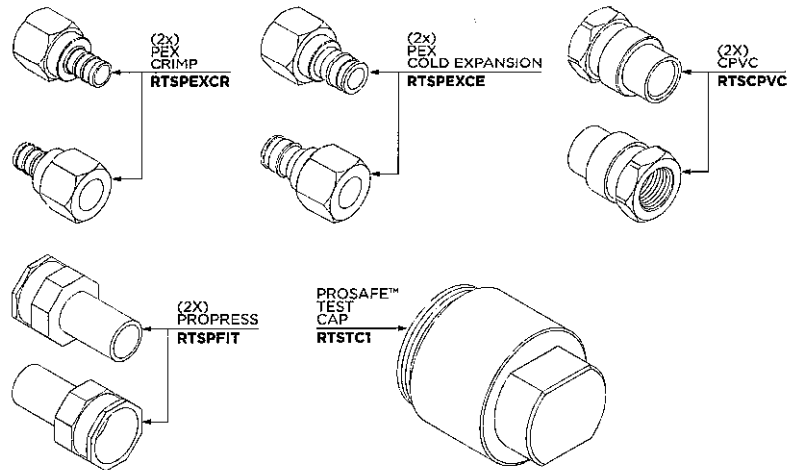
COMMON PLANE
VALVE BODY
262XBODY (PICTURED)
262BODY
261XBODY



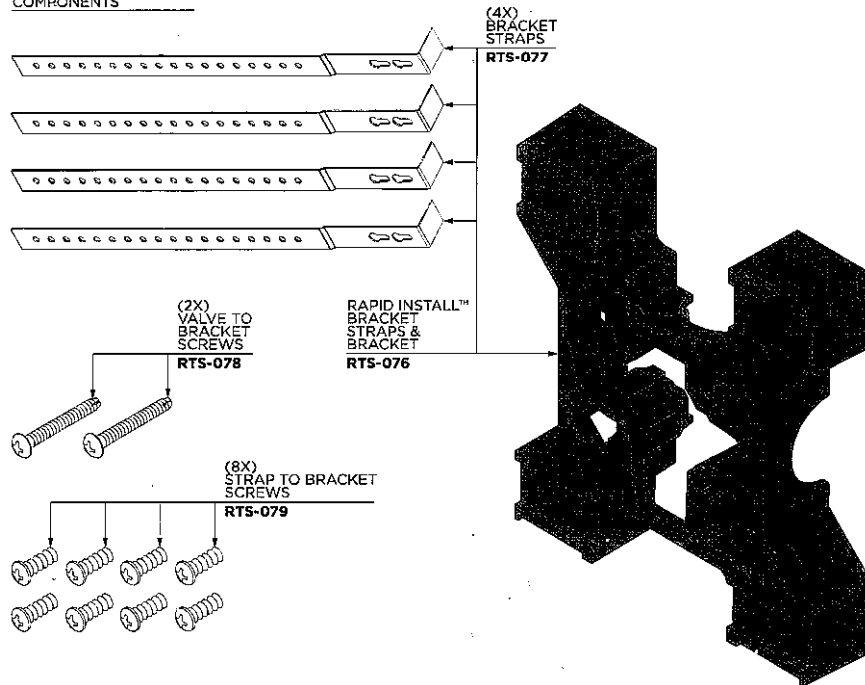
10. PARTS BREAKDOWN

FIGURE 10.2

VALVE BODY FITTING MODIFICATIONS



MOUNTING BRACKET COMPONENTS

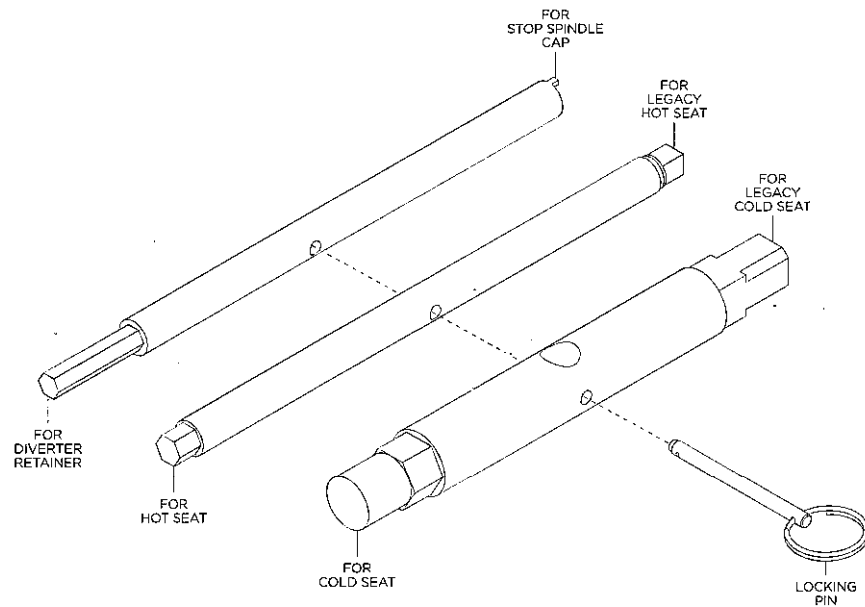


11. REPAIR TOOL BREAKDOWN

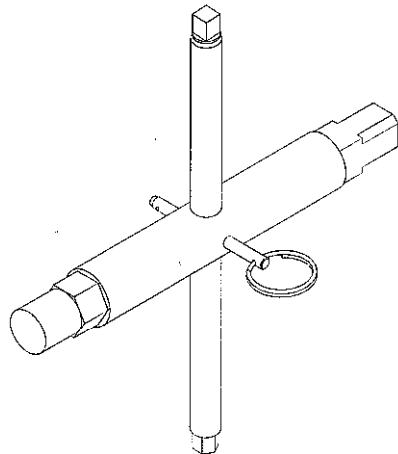
11.1 T35C REPAIR TOOL ASSEMBLY

Repair tool assembly can be used to service the following:

- Temptrol stop spindle cap (T-52-CHKS)
- Temptrol diverter retainer (RTS125)
- Temptrol cold seat (TA-4)
- Temptrol hot seat (TA-4)
- Temptrol legacy cold seat
- Temptrol legacy hot seat




Slide unused corresponding tool through center hole of desired tool and secure with locking pin.
See image below for reference.



12. TROUBLESHOOTING CHART

PROBLEM	CAUSE	SOLUTION
Valve will not pass water.	Both hot and cold water supplies are not turned on.	Turn on both supplies. Valve will not operate unless both hot and cold water pressure is on.
Valve leaks when shut off.	Hot and cold washers are worn or foreign matter (dirt, chips) is lodged between washers and seat surfaces.	Replace washers using TA-9 washer repair kit. Replace hot & cold seats using TA-4 hot/cold seat repair kit.
Temperature control handle is turned from cold to hot (or hot back to cold) and volume from spout or head is not constant.	Pressure-balancing piston housed in spindle assembly is restricted from free movement by foreign matter.	Open valve halfway, remove handle and tap spindle with plastic hammer. Check water pressure balancing piston in control spindle. See service instructions. Replace TA-10 flow control spindle.
Valve delivers sufficient quantity of cold, but little hot, or the reverse.	Same as above.	Same as above.
Temperature varies without moving handle.	Same as above.	Same as above.
Valve delivery temperature reduces gradually during use; handle must be turned to hotter positions to maintain constant temperature.	Overdraw on hot water supply (i.e. running out of hot water).	Reduce maximum flow by using volume control adjustment on valve or showerhead. This will allow longer period of use before overdrawing hot water supply.
Valve delivers hot water when initially opened. Water turns colder as handle is rotated in a counterclockwise direction toward the hot position.	Valve is piped incorrectly (i.e. the hot supply is piped to the valve's cold inlet and the cold supply is piped to the hot inlet.)	If piping is accessible, correct connections to the valve. If piping is not accessible, order T-108 reverse seat and tool kit. Older installations may also require replacing the TA-4 hot/cold seat repair kit.

 **WARNING:** This product can expose you to chemicals including lead, which is known to the state of California to cause cancer, birth defects, or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Symmons Industries, Inc. ■ 31 Brooks Drive ■ Braintree, MA 02184

Phone: (800) 796-6667 ■ Fax: (800) 961-9621

symmons.com ■ gethelp@symmons.com

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ZV-3247 REV E



1-1/2" P-TRAPS WITHOUT CLEANOUT TECHNICAL SPECIFICATION

SPECIFICATIONS

Dearborn 1-1/2" Brass Tubular P-Trap without Cleanout are designed for use in tubular drain applications. Available in 17, 20 or Budget Gauge Brass. Options include Brass Nuts, Deep Flange, Longer Wall Tube, Ground Joint and Unfinished Brass.

DESCRIPTION

- Chrome Finish
- 1-1/2" P-Trap Without Cleanout
 - (1) Metal Flange
 - (1) Quarter Bend
 - (1) J-Bend
 - (2) Rubber Washers
 - (2) Nuts

APPROVALS & LISTINGS



DIMENSIONS

[A]: Inlet Size	1.5"	[F]: Approximate Slip	1.8"
[B]: Outlet Size	1.5"	[G]: Approximate Seal	3.3"
[C]: Length C	3.1"	[H]: Approximate Height H	4.3"
[D]: Length D	See Chart A.1	[I]: Flange Dimension	See Chart A.2
[E]: Length E	See Chart A.1	[J]: Flange Dimension	See Chart A.2

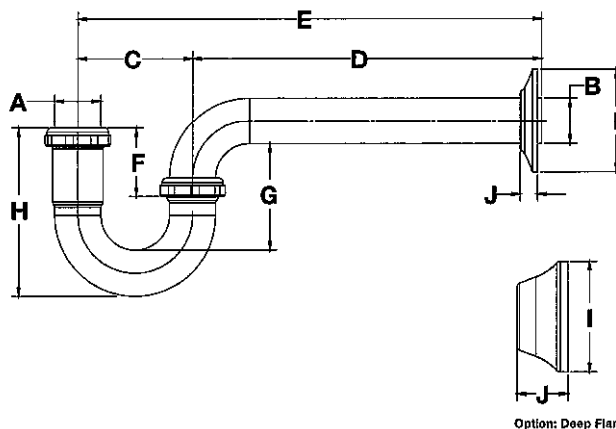
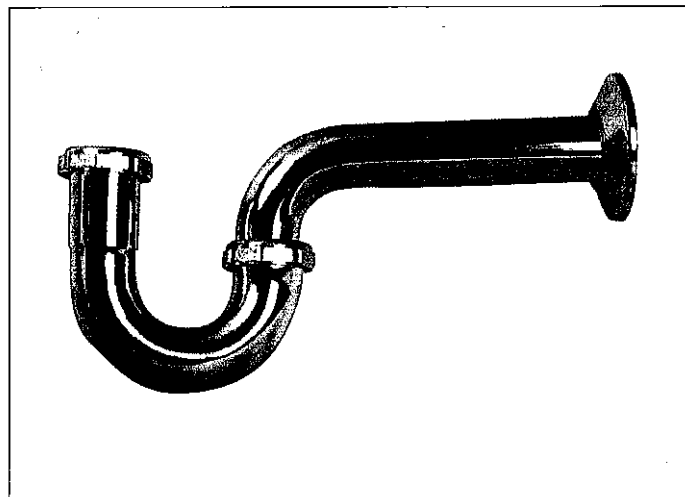
A.1 - WALL TUBE SIZES

	8.125" Wall Tube	11.25" Wall Tube	15" Wall Tube
Length D:	8.125"	11.125"	15.0"
Length E:	11.225"	14.225"	18.1"

A.2 - FLANGE DIMENSIONS

	Flange	Deep Flange
Flange Diameter I:	2.8"	3.0"
Flange Depth J:	0.4"	1.4"

Job Name _____	Item # _____
Location _____	
Engineer _____	Contractor _____
PO # _____	Tag _____
Representative _____	



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1-1/2" P-TRAPS WITHOUT CLEANOUT TECHNICAL SPECIFICATION

PRODUCT SELECTOR

1-1/2" P-TRAPS WITHOUT CLEANOUT

✓	Product Number	Size	Description	Carton Quantity	Wall Tube Center Length
	2702-1	1-1/2"	P-Trap – Budget Gauge	25	8.125"
	2702DF-1	1-1/2"	P-Trap – Budget Gauge with Deep Flange	25	8.125"
	702-1	1-1/2"	P-Trap – 20 Gauge	25	8.125"
	702BN-1	1-1/2"	P-Trap – 20 Gauge with Brass Nuts	25	8.125"
	702DF-1	1-1/2"	P-Trap – 20 Gauge with Deep Flange	25	8.125"
	702DFBN-1	1-1/2"	P-Trap – 20 Gauge with Deep Flange and Brass Nuts	25	8.125"
	702A-1	1-1/2"	P-Trap – 20 Gauge with 11.25" Wall Tube	25	11.125"
	704-1	1-1/2"	P-Trap – 17 Gauge	25	8.125"
	704BN-1	1-1/2"	P-Trap – 17 Gauge with Brass Nuts	25	8.125"
	704DF-1	1-1/2"	P-Trap – 17 Gauge with Deep Flange	25	8.125"
	704DFBN-1	1-1/2"	P-Trap – 17 Gauge with Deep Flange and Brass Nuts	25	8.125"
	704A-1	1-1/2"	P-Trap – 17 Gauge with 11.25" Wall Tube	25	11.125"
	704G-1	1-1/2"	P-Trap – 17 Gauge with Ground Joint	25	8.125"
	704GBN-1	1-1/2"	P-Trap – 17 Gauge with Ground Joint and Brass Nuts	25	8.125"
	704GBN-3	1-1/2"	P-Trap – 17 Gauge with Ground Joint and Brass Nuts, Unfinished Brass	25	8.125"
	704GDFBN-1	1-1/2"	P-Trap – 17 Gauge with Ground Joint, Deep Flange and Brass Nuts	25	8.125"
	704GBNA-1	1-1/2"	P-Trap – 17 Gauge with Ground Joint and Brass Nuts, 15" Wall Tube	10	18.1"
	704GBNA-3	1-1/2"	P-Trap – 17 Gauge with Ground Joint and Brass Nuts, 15" Wall Tube, Unfinished Brass	10	18.1"

Data is subject to manufacturing tolerances.

Access BIM/Revit content through www.oatey.com

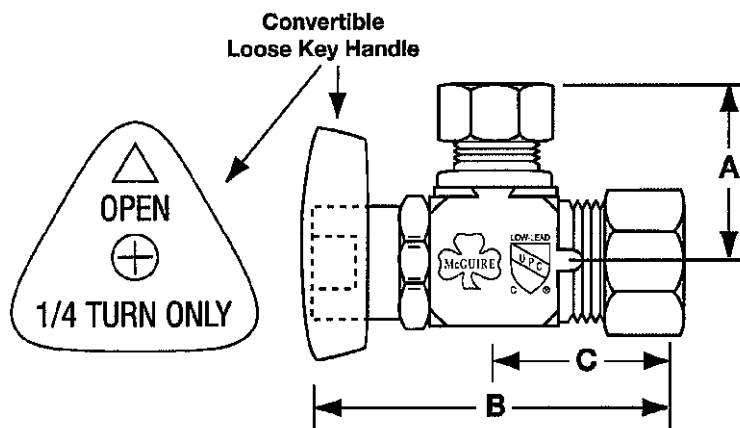
**McGuire Manufacturing Co., Inc.**

60 Grandview Court
Cheshire, Connecticut 06410
(203) 699-1801 Fax (203) 699-1813
customerservice@mcguiremfg.com mcguiremfg.com

PRODUCT SPECIFICATION**Part No.****LFBV09****Quarter-Turn Brass
Ball Valve****Job Name:****ALL FAUCETS****Submittal Number:**

Convertible™

Compression To Compression



NO.	DESCRIPTION	ROUGHING MEASUREMENTS		
		A	B	C
LFBV09	1/2" Nominal x 3/8" O.D.	1-3/16"	2-1/2"	1-1/4"

- Rated Operating Pressure: 20-125 PSI
- Rated Operating Temperature: 40-140°F
- Note: 180°F max. during temporary high-temperature system flush



ASME A112.18.1

Specifications:

Lead free convertible quarter-turn brass ball valve, chrome plated commercial pattern with convertible loose key handle. Inlet shall be (1/2) inch (IPS, sweat, compression). Outlet shall be (3/8) inch (compression). Supply stop valve shall be McGuire _____.

Supply stop valve shall be certified by recognized testing authority and bear manufacturer and testing mark.

**WARNING:**

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



Pre-Rinse Units

B-0133-B

**MAIN BLDG
PER SCHEDULE**

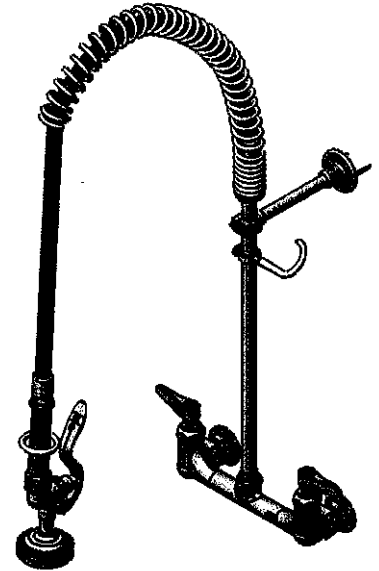
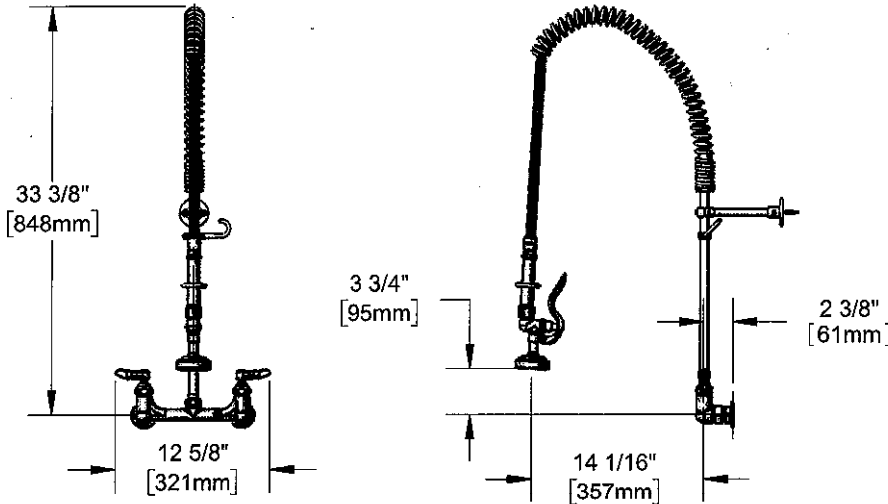
TAG: JS

EasyInstall Pre-Rinse Unit

Architect/Engineering Specifications:

8" wall mount mixing faucet with polished chrome plated brass body, 18" riser, 44" flexible stainless steel hose with heat resistant handle, 1.15 GPM spray valve, compression cartridges with spring checks, lever handles, 1/2" NPT female inlets, spray valve holder, overhead spring, and wall bracket. Certified to ASME A112.18.1/CSA B125.1, NSF 61-Section 9 and NSF 372. 2019 DOE PRSV - Class II compliant.

Job Name _____
Model Specified _____ Quantity _____
Variations Specified _____
Date _____



Features & Benefits:

- 8" wall mount mixing faucet w/ polished chrome plated brass body
- EasyInstall 18" riser for quick installation
- 44" flexible stainless steel hose w/ heat resistant gray handle and hold down ring
- 1.15 GPM spray valve
- Quarter-turn Eterna compression cartridges with spring checks to prevent water cross flow
- Lever handles w/ color coded indexes
- 1/2" NPT female eccentric inlets with Ø 2" flanges
- Adjustable centers from 7 3/4" to 8 1/4"
- 6" wall bracket
- Material: Polished chrome plated brass body, riser & spray valve body, stainless steel hose, and chrome plated metal handles

Product Compliance:

- ASME A112.18.1 / CSA B125.1
- NSF 61 - Section 9
- NSF 372 (Low Lead Content)
- 2019 DOE PRSV - Class II
- SASO (Saudi Arabia)



Warranty: Three Year (Limited)

Performance Data:

- Pressure: 20 - 125 psi [1.38 - 8.62 bar]
- Temperature: 40°F - 140°F [4.44°C - 60°C]
- Flow Rate: 1.15 GPM [4.35 LPM] @ 60 psi [4.14 bar]

Optional Handles

- ☐ 4" Wrist Action
- ☐ Lever (Standard)
- ☐ 4-Arm

Optional Cartridges With Checks

- ☐ Quarter-Turn Cerama w/ Check Valve
- ☐ Quarter-Turn Eterna w/ Spring Check (Standard)

Optional Pre-Rinse Spray Valves

- ☐ B-0107 (1.15 GPM) (Standard)
- ☐ B-0107-C (0.65 GPM)
- ☐ B-0107-J (1.07 GPM)
- ☐ B-0108 (1.07 GPM)
- ☐ B-0108-C (0.65 GPM)



T&S BRASS AND BRONZE WORKS, INC.



• 2 Saddleback Cove • Travelers Rest, SC 29690
Ph 800-476-4103 • Fax 864-834-3518
• Simi Valley, CA • Ph 800-423-0150 • www.tsbrass.com

Date: 07/13/21



Pre-Rinse Units

B-2290

**FOR SINK MOUNT
MAIN BLDG**

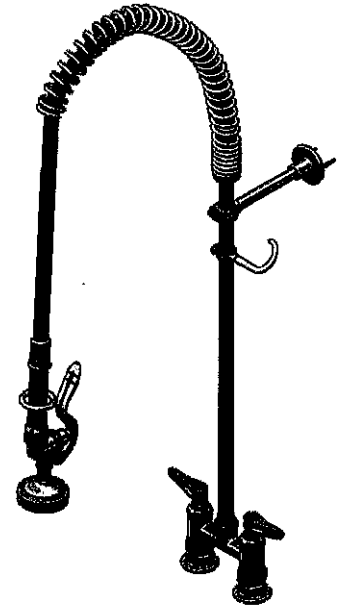
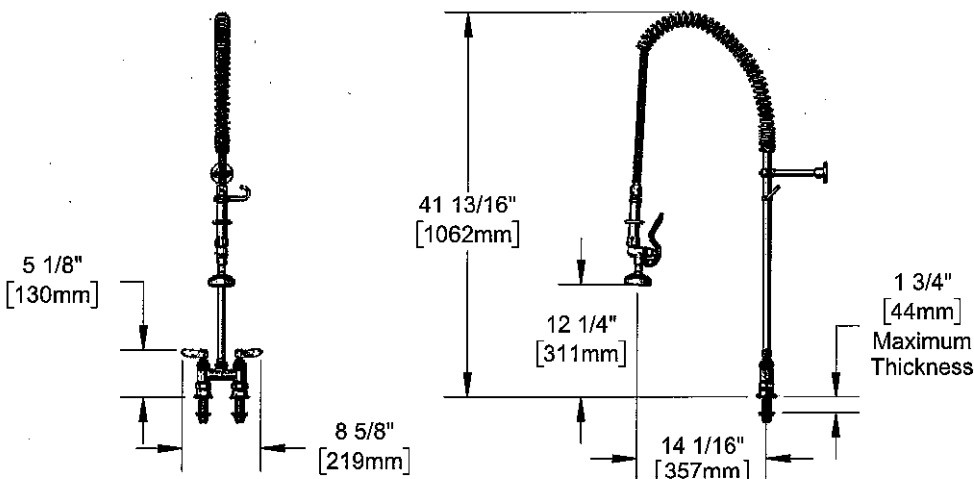
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EasyInstall Pre-Rinse Unit

Architect/Engineering Specifications:

4" deck mount mixing faucet with polished chrome plated brass body, 24" riser, 44" flexible stainless steel hose with heat resistant handle, 1.15 GPM spray valve, compression cartridges with spring checks, lever handles, 1/2" NPT male inlets, 6" adjustable wall bracket, spray valve holder and overhead spring. Certified to ASME A112.18.1/CSA B125.1, NSF 61-Section 9 and NSF 372. 2019 DOE PRSV - Class II compliant.

Job Name _____
Model Specified _____ Quantity _____
Variations Specified _____
Date _____



Features & Benefits:

- 4" deck mount mixing faucet with polished chrome plated brass body
- EasyInstall riser for quick installation
- 44" flexible stainless steel hose w/ heat resistant gray handle and hold down ring
- 1.15 GPM spray valve
- Quarter-turn Eterna compression cartridges w/ spring checks to prevent cross flow of water
- Lever handles w/ color coded indexes
- 1/2" NPT male inlets with Ø 2" adjustable flanges
- Adjustable centers from 3 3/4" to 4 1/4"
- 6" adjustable wall bracket
- Material: Polished chrome plated brass body, riser & spray valve body, stainless steel hose, and chrome plated metal handles

Product Compliance:

- ASME A112.18.1 / CSA B125.1
- NSF 61 - Section 9
- NSF 372 (Low Lead Content)
- 2019 DOE PRSV - Class II

Warranty: Three Year (Limited)

Performance Data:

- Pressure: 20 - 125 psi
- Temperature: 40°F - 140°F
- Flow Rate: 1.15 GPM @ 60 psi



Optional Handles

- ☐ 4" Wrist Action
- ☐ Lever (Standard)
- ☐ 4-Arm

Optional Cartridges With Checks

- ☐ Quarter-Turn Cerama w/ Check Valve
- ☐ Quarter-Turn Eterna w/ Spring Check (Standard)

Optional Pre-Rinse Spray Valves

- ☐ B-0107 (1.15 GPM) (Standard)
- ☐ B-0107-C (0.65 GPM)
- ☐ B-0107-J (1.07 GPM)
- ☐ B-0108 (1.07 GPM)
- ☐ B-0108-C (0.65 GPM)



T&S BRASS AND BRONZE WORKS, INC.



• 2 Saddleback Cove • Travelers Rest, SC 29690
Ph 800-476-4103 • Fax 864-834-3518
• Simi Valley, CA • Ph 800-423-0150 • www.tsbrass.com

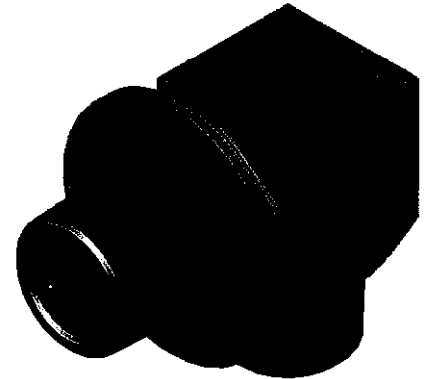
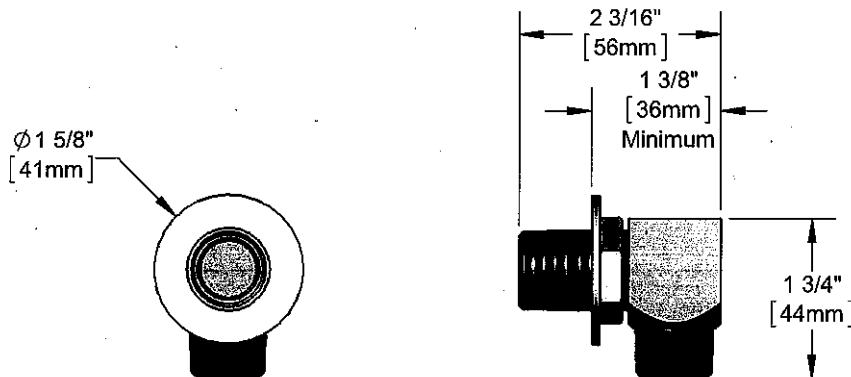
Date: 10/15/18



Architect/Engineering Specifications:

Elbow kit. Two short elbows, nipples, lock nuts and washers that provide 1/2" NPT male inlet and outlet when assembled. Certified to ASME A112.18.1/CSA B125.1, NSF 61-Section 9 and NSF 372.

Job Name _____
Model Specified _____ Quantity _____
Variations Specified _____
Date _____



Features & Benefits:

- Elbow kit
- Two short elbows with 1/2" NPT male inlet and 1/2" NPT female outlet
- Two 1/2" NPT supply nipples with lock nuts and washers
- Material: Brass

Product Compliance:

- ASME A112.18.1 / CSA B125.1
- NSF 61 - Section 9
- NSF 372 (Low Lead Content).



Warranty: One Year (Limited)

Performance Data:

- N/A





MAIN BLDG

LS-1

STAINLESS STEEL

DROP-IN SINKS

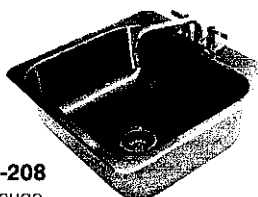
One Compartment - FOR GENERAL PURPOSE USE

NSF

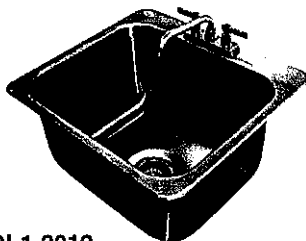
Sinks Include Faucet & Drain



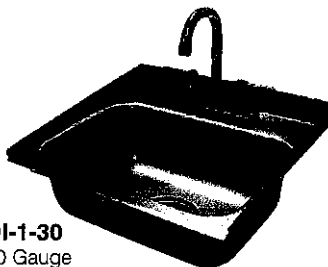
DI-1-168
18 Gauge



DI-1-208
18 Gauge



DI-1-2012
18 Gauge

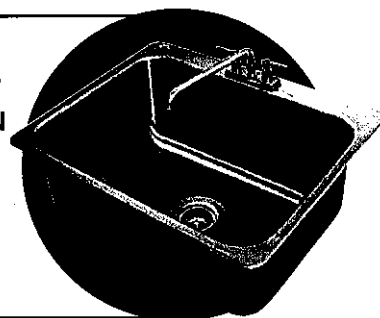


DI-1-30
20 Gauge

**LARGEST ONE
COMPARTMENT
DROP-IN SINK IN
THE INDUSTRY!**

**Supplied with
K-53 Faucet**

DI-1-2812
16 Gauge



FEATURES:

One piece seamless **Deep Drawn** sink bowl design.

All sink bowls have a large liberal radii with a minimum dimension of 2" and are rectangular in design for increased capacity.

Self-Rim Design. Mounting clips provided accommodates all thicknesses of counter. (Quantity supplied varies based on drop in sink ordered).

DI-1-30 & DI-1-168: includes 4" O.C. **K-52** faucet.

DI-1-208 & DI-1-2012: includes 4" O.C. **K-50** faucet.

DI-1-2812: includes 4" O.C. **K-53** faucet.

CONSTRUCTION:

Unit fabricated from one sheet of stainless steel.

All bowls are Sound Deadened.

Units feature Advance Tabco's **Smart Finish™**.

MECHANICAL:

Faucet supply is 1/2" IPS male thread.

Deck mounted faucet is furnished with aerator.

MATERIAL:

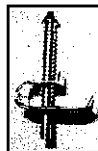
Type 304 series stainless steel.

Faucets are brass-nickel plated.

Stainless Steel 1-1/2" IPS basket drain.

Available Faucets & Accessories	Model #	Qty
Deck Mounted 8" Swing Spout. 4" O.C.	K-50	
Deck Mounted Gooseneck. 4" O.C.	K-52	
Deck Mounted. 12" Swing Spout. 4" O.C.	K-53	
Deck Mounted 8 1/2" Gooseneck. 4" O.C.	K-55	
Deck Mounted Swing w/Spray. 8" O.C.*	K-58	
Deck Mtd. X.H.D. 3 1/2" Gooseneck. 4" O.C.	K-62	
Mounting Clips (Bag of 4).	K-28	

*REQUIRES K-472 FAUCET HOLE REVISION



STANDARD MOUNTING CLIPS

For countertops over 7/8" and up to 2" thick.

Replacement # **K-28** (Per Sink)

WARNING: Faucets on this page may expose you to chemicals, including lead, that are known to the State of California to cause cancer or birth defects or other reproductive harm. For more info, visit www.p65warnings.ca.gov.



Customer Service Available To Assist You 1-800-645-3166 8:30 am - 7:00 pm E.S.T.

For Orders & Customer Service:

Email: customer@advancetabco.com or Fax: 631-242-6900

For Smart Fabrication™ Quotes:

Email: smartfab@advancetabco.com or Fax: 631-586-2933

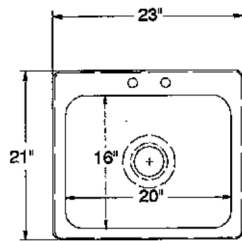
REF-A

DIMENSIONS and SPECIFICATIONS

TOL $\pm .125"$

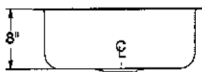
ALL DIMENSIONS ARE TYPICAL

DI-1-208 & DI-1-2012

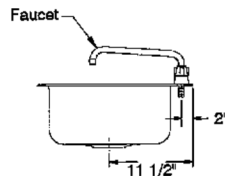


Cut-Out Size
22 1/4" x 20 1/4"
1 1/4" radius corners

DI-1-208



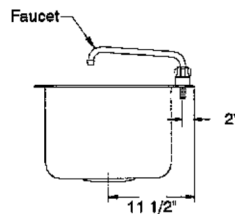
Approx. Wt. 18 lbs.



DI-1-2012

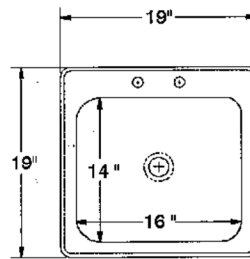


Approx. Wt. 20 lbs.

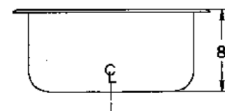


Supplied with K-50 Faucet

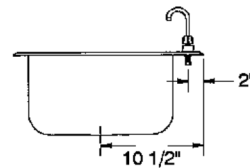
DI-1-168



Cut-out Size
18 1/4" x 18 1/4"
1 1/4" radius corners

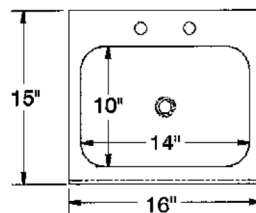


Supplied with K-52 Faucet

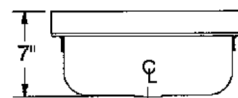


Approx. Wt. 15 lbs.

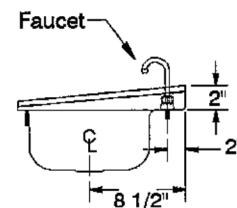
DI-1-30



Cut-Out Size
15" x 14 1/4"
1 1/4" radius corners

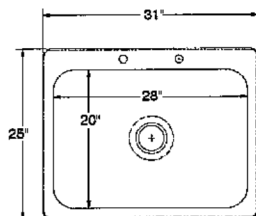


Supplied with K-52 Faucet

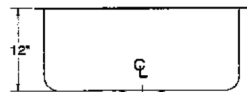


Approx. Wt. 11 lbs.

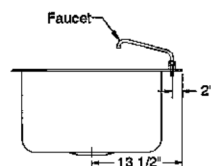
DI-1-2812



Cut-out Size
30 1/4" x 24 1/4"
1 1/4" radius corners

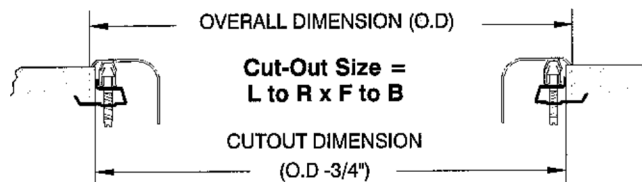


Approx. Wt. 42 lbs.



Supplied with K-53 Faucet

TYPICAL INSTALLATION



Standard Mounting Clips Fit Countertops
Over 7/8" & Up To 2" Thick.



REF-A

325 Wireless Boulevard, Hauppauge, NY 11788

ADVANCE TABCO is constantly engaged in a program of improving our products. Therefore, we reserve the right to change specifications without prior notice.

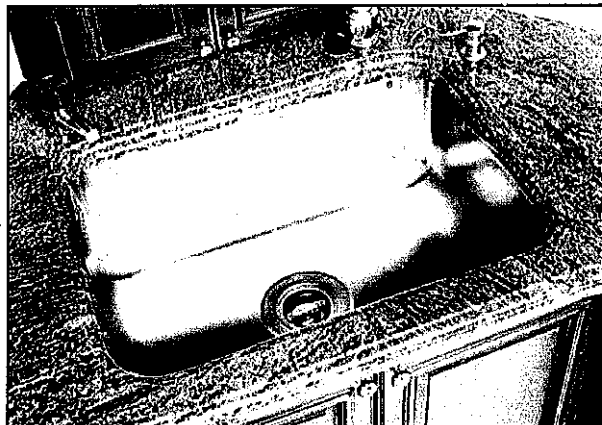
© ADVANCE TABCO, JULY 2019



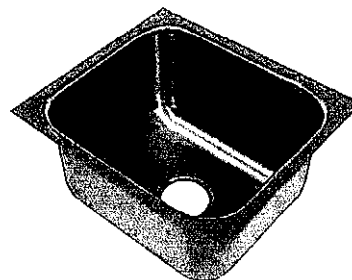
MAIN BLDG

SK-1 & 2

STAINLESS STEEL SMART SERIES™ UNDERMOUNT SINK BOWLS SUPER SIZE



Item #: _____ Qty #: _____
Model #: _____
Project #: _____



FEATURES:

One piece seamless **Deep Drawn** stainless steel bowls.
All bowls are supplied with sound deadening pads.
Units feature Advance Tabco's **Smart Finish™**.
Supplied with 3-1/2" drain opening. Drain Not included.

MATERIALS:

Type 304 Series Stainless steel.

OPTIONAL:

K-6 - 3-1/2" Basket Drain Assembly

OEM Bowls welded by others into stainless steel products.
Multiple compartment assemblies available. Call for pricing.

Templates are provided at customer's request

Model #	Gauge	# Of Bowls	Bowl Size LxWxD	Radius	O.D. Trim Size
1014B-05	20	1	10" x 14" x 5"	2"	12 1/2" x 16 1/2"
1014A-10	20	1	10" x 14" x 10"	2"	12 1/2" x 16 1/2"
1014A-10A	18	1	10" x 14" x 10"	2"	12 1/2" x 16 1/2"
CO-1014A-10RE*	18	1	10" x 14" x 10"	2"	12 1/2" x 16 1/2"
1014-210-BAD	18	2	10" x 14" x 10"	2"	25" x 16 1/2"
1014-310-BAD	18	3	10" x 14" x 10"	2"	37 1/2" x 16 1/2"
CO-1416A-10RE*	18	1	14" x 16" x 10"	3"	16 1/2" x 18 1/2"
1416-212-BAD	18	2	14" x 16" x 12"	3"	33" x 18 1/2"
1416-312-BAD	18	3	14" x 16" x 12"	3"	49 1/2" x 18 1/2"
1620A-10	18	1	16" x 20" x 10"	3"	18 1/2" x 22 1/2"
1620A-12	18	1	16" x 20" x 12"	3"	18 1/2" x 22 1/2"
1620A-14A	14	1	16" x 20" x 14"	3"	18 1/2" x 22 1/2"
1620-212-BAD	18	2	16" x 20" x 12"	3"	37" x 22 1/2"
1620-312-BAD	18	3	16" x 20" x 12"	3"	55 1/2" x 22 1/2"
2020A-12	18	1	20" x 20" x 12"	3"	22 1/2" x 22 1/2"
2020A-14	18	1	20" x 20" x 14"	3"	22 1/2" x 22 1/2"
2028A-12	16	1	20" x 28" x 12"	3"	22 1/2" x 30 1/2"
2028A-14A	14	1	20" x 28" x 14"	3"	22 1/2" x 30 1/2"
2424A-14A	14	1	24" x 24" x 14"	3"	26 1/2" x 26 1/2"

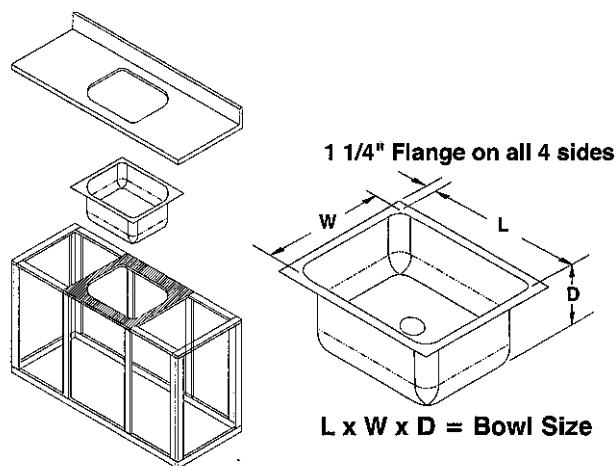
* Includes Residential Finish & Packaging. Add K-350 for Other Models
to Add Residential Finish & Packaging.

DIMENSIONS and SPECIFICATIONS

TOL ± .125"

ALL DIMENSIONS ARE TYPICAL

SUGGESTED UNDERMOUNT INSTALLATION



SUGGESTED COUNTER TOP DETAIL



Customer Service Available To Assist You 1-800-645-3166 8:30 am - 7:00 pm E.S.T.

For Orders & Customer Service:

Email: customer@advancetabco.com or Fax: 631-242-6900

For Smart Fabrication™ Quotes:

Email: smartfab@advancetabco.com or Fax: 631-586-2933



SinkMixer™ Scald Protection Thermostatic mixing valve

Submittal Data 03706 NA — Issue Date 11/2020

Application

The Caleffi SinkMixer™ provides water at a safe and usable temperature in situations where the control of the temperature of the water discharging from a terminal fixture is of the utmost importance, i.e. within hospitals, schools, nursing homes, etc. The SinkMixer is used in under sink and under counter applications where the user must be protected from the danger of scalding caused by hot water.

The valve is designed to prevent the flow of water discharging from the mixed water outlet in the event of the failure of hot or cold supply. The compact design provided with mounting bracket allows for easy installation. The cold water outlet to the fixture eliminates the need for additional piping and tee used with three-port mixing valves. For single-pipe fixtures (tempered water only), code 521201AP includes a plug for the valve cold outlet port and copper compression fittings kit for hard pipe installs. The valve is complete with check valves on the hot and cold inlets and meets certification requirements for the Low Lead Plumbing Laws and NSF/ANSI/CAN 61 by ICC-ES, ASSE 1070 listed (temperature cannot exceed 120°F).

Typical Specification

Furnish and install on the plans described herein, a SinkMixer™ scald protection point of use four port thermostatic mixing valve as manufactured by Caleffi. Each mixing valve must be designed with a forged low-lead brass body, AISI 302 stainless steel spring, AISI 304 stainless steel hot inlet strainers, seals in peroxide-cured EPDM, and polysulphone shutter. Each valve must also be designed for $\pm 3^\circ\text{F}$ ($\pm 2^\circ\text{C}$) temperature stability with a tamper proof setting lock to lock the temperature at the set value. Provided with inlet port check valves and strainers. The valve shall be ASSE 1070 approved for point of use installation. Forged low-lead brass body (<0.25% Lead content) shall be certified by ICC-ES, file 1360. Meets requirements of ANSI/NSF 372 and NSF/ANSI/CAN 61. Each valve shall be Caleffi model 521201A or approved equal. Model 521202AP includes plug/nut for cold water outlet port and copper compression fittings kit. (See product instructions for specific installation information.)

Use

NSF/ANSI/CAN 61



The Caleffi SinkMixer anti-scald thermostatic mixing valve is intended for use in under sink and under counter applications in accordance with installation rules and indications specified in ASSE 1070 standards. The SinkMixer is used to prevent accidental scalding with the outlet water temperature properly adjusted using a thermometer at the faucet to measure the desired temperature.

Technical specifications

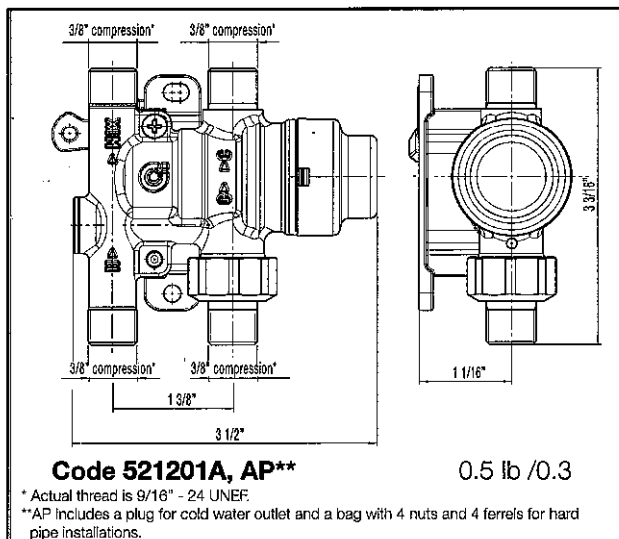
Materials:

Valve body, regulating spindle, spring holder, cold inlet union nut:	forged low-lead brass (< 0.25% lead content)
Internal shutter:	polysulfone
Hot inlet strainer:	AISI 304 stainless steel
Spring:	AISI 302 stainless steel
Seals:	Peroxide-cured EPDM
Cover:	ABS white
Mounting bracket and adjustment key:	Polyamide Nylon

We reserve the right to change our products and their relevant technical data, contained in this publication, at any time and without prior notice. Contractors should request production drawings if prefabricating the system

Job name _____
 Job location _____
 Engineer _____
 Mechanical contractor _____
 Contractor's P.O. No. _____
 Representative _____

Dimensions



Performance

Temperature adjustment range: 95–120°F (35–50°C)
 Temperature set: must be commissioned on site to achieve desired temperature
 Temperature stability: $\pm 3^\circ\text{F}$ ($\pm 2^\circ\text{C}$)
 Cold inlet temperature: Minimum 39°F (4°C); Maximum 85°F (29°C)
 Factory Setting: 113°F (45°C)
 Hot inlet temperature: Minimum 120°F (49°C); Maximum 195°F (90°C)
 Maximum operating differential pressure:
 Static: 150 psi (10 bar); Dynamic: 70 psi (5 bar)
 Minimum operating differential pressure (dynamic): 1.5 psi (0.1 bar)
 Maximum unbalanced dynamic supply (hot/cold or cold/hot): 2:1
 Minimum temperature differential between hot water inlet and mixed water outlet to ensure thermal shutoff function: 18°F (10°C)
 Minimum temperature differential between mixed water outlet and cold water inlet to ensure stable operation: 9°F (5°C)
 Flow coefficient: Cv = 0.52 (Kv = 0.45)
 Minimum flow rate for optimum operation: 0.35 gpm (1.3 l/min)
 Maximum flow rate for optimum operation: 2.3 gpm (8.5 l/min)

Connections

Main connections: 3/8" compression

Certifications

- ASSE 1070/CSA B125.3-2012, certified by ICC-ES, file PMG-1358.
- NSF/ANSI 372, Drinking Water System Components-Lead Content Reduction of Lead in Drinking Water Act, California Health and Safety Code 116875 S.3874, Reduction in Drinking Water Act, Vermont Act 193 - The Lead in Plumbing Supplies Law and Maryland's Lead Free Law HB.372, certified by ICC-ES, file PMG-1360.
- NSF/ANSI/CAN 61-2018, Drinking Water System Components -Health Effects, certified by ICC-ES, file PMG-1512.
- Complies with codes IPC, IRC, UPC and NPC.

Size _____
 Quantity _____
 Approval _____
 Service _____
 Tag No. _____
 Notes _____

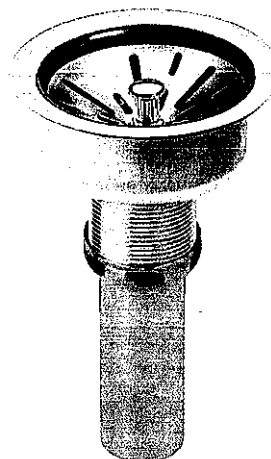
PRODUCT SPECIFICATIONS

Elkay 3-1/2" Drain Fitting Type 304 Stainless Steel Body, Strainer Basket and Tailpiece. Overall dimensions are 4-7/16" x 4-7/16" x 7-5/16". Made of Stainless Steel.

Material:	Stainless Steel
Finish:	Polished Stainless Steel
Dimensions:	4-7/16" x 4-7/16" x 7-5/16"
Shipping Weight:	1 lbs.

Special Note: Replacement strainer basket 72002160: \$10.00

- Designed to fit 3-1/2" (89mm) drain opening with an overall flange size of 4-1/2" (114mm).
- 1-1/2" O.D. x 4" chrome plated brass tailpiece.
- Strainer Basket with Metal Stem and Rubber Seal.
- Type 304 stainless steel body.
- Polished finish.



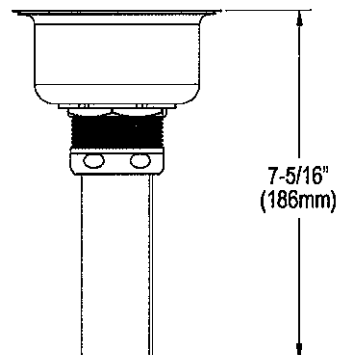
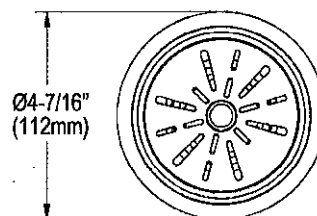
AMERICAN PRIDE. A LIFETIME TRADITION.

Like your family, the Elkay family has values and traditions that endure. For almost a century, Elkay has been a family-owned and operated company, providing thousands of jobs that support our families and communities.

Product Compliance: ASME A112.18.2/CSA B125.2

[Clean and Care Manual \(PDF\)](#)

[Installation Instructions \(PDF\)](#)



PART: _____ QTY: _____

PROJECT: _____

CONTACT: _____

DATE: _____

NOTES: _____

APPROVAL: _____

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit elkay.com for the most current version of Elkay product specification sheets. This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

MAIN BLDG

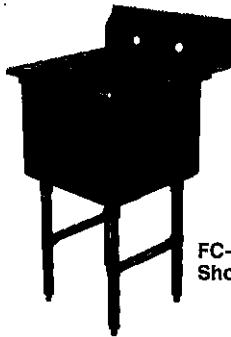
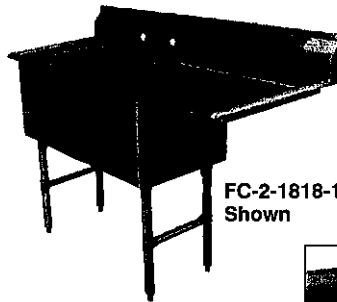
SK-3

STAINLESS STEEL



NSF FABRICATED ECONOMY SINKS

One & Two Compartments

FC-1-1818
ShownFC-2-1818-18R
Shown

Rolled Rim Edge
For Additional
Strength



Fabricated Bowls are
Welded Together at the
Seams

Item #: _____ Qty #: _____

Model #: _____

Project #: _____

FEATURES:

- Backsplash has tile edge for ease of installation.
- Sink bowls are 3/4" covered corner and meet NSF requirements.
- Rolled Rim Edge for additional strength.
- Sink Bowls are 14" deep for greater capacity.
- Adjustable front-to-back cross-bracing.

MATERIAL:

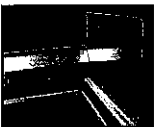
- 1 5/8" diameter stainless steel legs with 1" adjustable stainless steel bullet feet.
- Entire unit is 16 gauge 304 stainless steel.
- Gussets - stainless steel.

MECHANICAL:

- Supply is 1/2" IPS hot & cold.
- Faucet holes on 8" centers.
- Faucets are not included (see accessories).
- Waste drains are 1 1/2" IPS S/S basket type, located in center of sink bowl, and are included.

CONSTRUCTION:

- All TIG welded.
- Welded areas blended to match adjacent surfaces and to a satin finish.
- Gussets welded to a die-formed reinforced plate.

OPTIONAL:**K-700**

- Removable
- Side Splashes
- Fits Left OR Right
- Side

	MODEL #	Length L	Width W	Bowl Size A & B	Drbd. Length C	# of Drbrds.	Drbd. Location	Wt
ONE COMPARTMENT	FC-1-1620	21"	26"		N/A	0	None	50 lbs.
	FC-1-1620-18RorL	36 1/2"	26"	16"x20"	18"	1	Specify	65 lbs.
	FC-1-1620-18RL	52"	26"		18"	2	R & L	80 lbs.
	FC-1-1818	23"	24"		N/A	0	None	60 lbs.
	FC-1-1818-18RorL	38 1/2"	24"		18"	1	Specify	65 lbs.
	FC-1-1818-24RorL	44 1/2"	24"	18"x18"	24"	1	Specify	70 lbs.
	FC-1-1818-18RL	54"	24"		18"	2	R & L	90 lbs.
	FC-1-1818-24RL	66"	24"		24"	2	R & L	100 lbs.
	FC-1-1824	23"	30"		N/A	0	None	67 lbs.
	FC-1-1824-18RorL	38 1/2"	30"		18"	1	Specify	105 lbs.
	FC-1-1824-24RorL	45"	30"	18"x24"	24"	1	Specify	115 lbs.
	FC-1-1824-18RL	54"	30"		18"	2	R & L	120 lbs.
TWO COMPARTMENTS	FC-1-1824-24RL	66"	30"		24"	2	R & L	130 lbs.
	FC-1-2424	29"	30"		N/A	0	None	90 lbs.
	FC-1-2424-18RorL	45"	30"		18"	1	Specify	118 lbs.
	FC-1-2424-24RorL	50 1/2"	30"	24"x24"	24"	1	Specify	123 lbs.
	FC-1-2424-18RL	60"	30"		18"	2	R & L	135 lbs.
	FC-1-2424-24RL	72"	30"		24"	2	R & L	145 lbs.
	FC-2-1515	35"	21"	15"x15"	N/A	0	None	78 lbs.
	FC-2-1620	37"	26"		N/A	0	None	85 lbs.
	FC-2-1620-18RorL	52 1/2"	26"	16"x20"	18"	1	Specify	100 lbs.
	FC-2-1620-18RL	68"	26"		18"	2	R & L	118 lbs.
	FC-2-1818	41"	24"		N/A	0	None	83 lbs.
	FC-2-1818-18RorL	56 1/2"	24"	18"x18"	18"	1	Specify	90 lbs.
	FC-2-1818-18RL	72"	24"		18"	2	R & L	105 lbs.
	FC-2-1818-24RL	84"	24"		24"	2	R & L	115 lbs.
	FC-2-1824	41"	30"		N/A	0	None	115 lbs.
	FC-2-1824-18RorL	56 1/2"	30"		18"	1	Specify	130 lbs.
	FC-2-1824-24RorL	62 1/2"	30"	18"x24"	24"	1	Specify	140 lbs.
	FC-2-1824-18RL	72"	30"		18"	2	R & L	145 lbs.
	FC-2-1824-24RL	84"	30"		24"	2	R & L	160 lbs.
	FC-2-2424	53"	30"		N/A	0	None	138 lbs.
	FC-2-2424-18RorL	68 1/2"	30"		18"	1	Specify	155 lbs.
	FC-2-2424-18RL	84"	30"	24"x24"	18"	2	R & L	210 lbs.
	FC-2-2424-24RorL	74 1/2"	30"		24"	1	Specify	195 lbs.
	FC-2-2424-24RL	96"	30"		24"	2	R & L	225 lbs.



Customer Service Available To Assist You 1-800-645-3166 8:30 am - 7:00 pm E.S.T.

For Orders & Customer Service:

Email: customer@advancetabco.com or Fax: 631-242-6900

For Smart Fabrication™ Quotes:

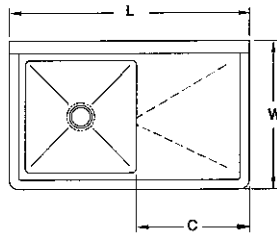
Email: smartfab@advancetabco.com or Fax: 631-586-2933

REF-E

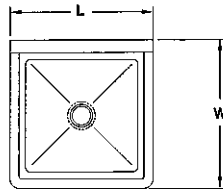
DIMENSIONS and SPECIFICATIONS

TOL Overall: $\pm .500"$
 Interior: $\pm .250"$

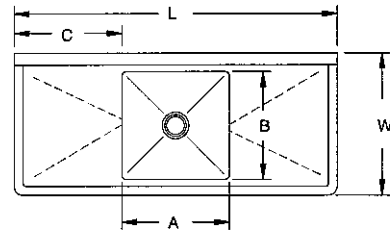
ALL DIMENSIONS ARE TYPICAL



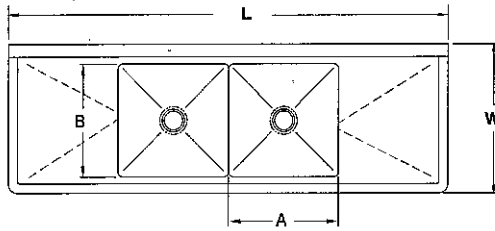
1 COMP - 1 DRBD



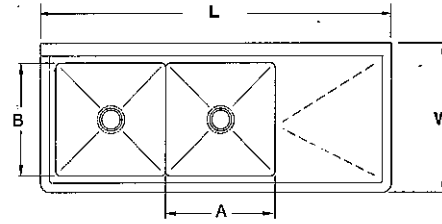
1 COMP



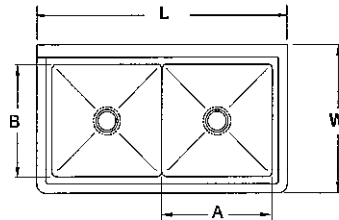
1 COMP - 2 DRBDs



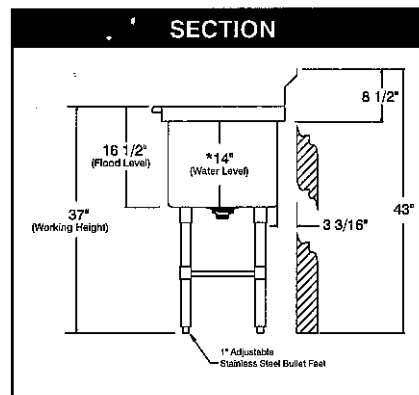
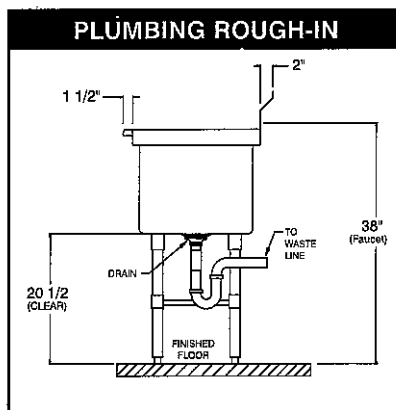
2 COMP - 2 DRBD



2 COMP - 1 DRBD



2 COMP



NSF

ACCESSORIES	Model #	Qty
DRAINS		
FAUCETS		

OPTIONAL MODIFICATIONS:

K-450	Extend Drainboard Length (Drainboards over 36" Are Not Creased or Pitched.)
K-470	Modify Bowl Depth

See our full line of
 Modifications & Accessories on the web!





T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088
Travelers Rest, SC 29690

MAIN BLDG

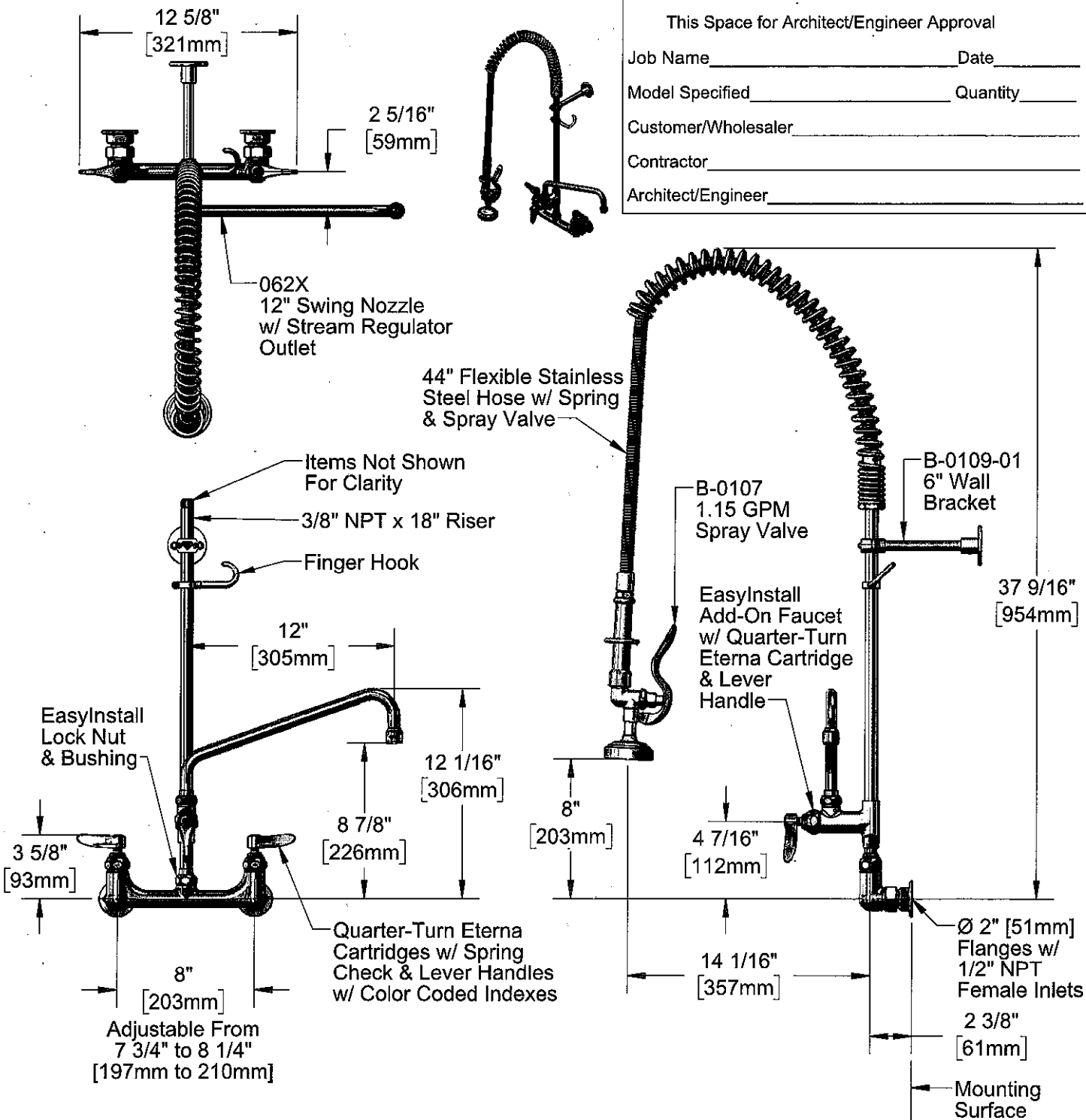
SK-3

Model No.

B-0133-ADF12-B

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com



This Space for Architect/Engineer Approval

Job Name _____ Date _____

Model Specified _____ Quantity _____

Customer/Wholesaler _____

Contractor _____

Architect/Engineer _____

Product Specifications:

Pre-Rinse Unit: EasyInstall 8" Wall Mount Mixing Faucet, Quarter-Turn Eterna Cartridges w/ Spring Checks, Lever Handles, Add-On Faucet, 12" Swing Nozzle, 44" Flexible Stainless Steel Hose, 1.15 GPM Spray Valve, 6" Wall Bracket & 1/2" NPT Female Inlets

Product Compliance:

ASME A112.18.1 / CSA B125.1
NSF 61 - Section 9
NSF 372 (Low Lead Content)
2019 DOE PRSV - Class II



T&S BRASS AND BRONZE WORKS, INC.

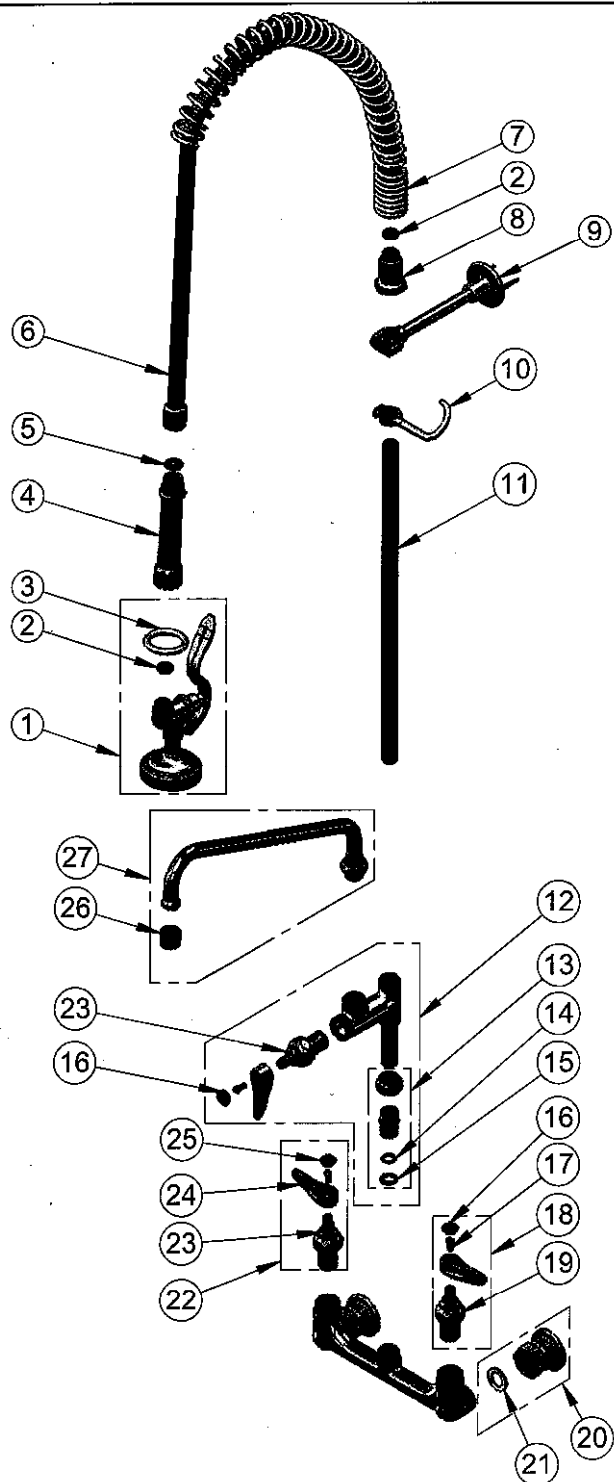
2 Saddleback Cove / P.O. Box 1088
Travelers Rest, SC. 29690

Model No.

B-0133-ADF12-B

Item No.

Travelers Rest, SC: 800-476-4103 • Simi Valley, CA: 800-423-0150 • Fax: 864-834-3518 • www.tsbrass.com



ITEM NO.	SALES NO.	DESCRIPTION
1	B-0107	1.15 GPM Spray Valve
2	010476-45	#27 Washer
3	000907-45	Spray Valve Hold Down Ring
4	002987-40	Grip Handle
5	001014-45	Washer, B-0100 Hose Barrel
6	B-0044-H2A	44" Flexible Stainless Steel Hose, Less Handle
7	000888-45	EasyInstall Overhead Spring
8	000821-40	Spring Body
9	B-0109-01	6" Wall Bracket
10	004R	Finger Hook
11	000369-40	3/8" NPT x 18" Riser
12	B-0155-LNEZ	Add-On Faucet w/ Quarter-Turn Eterna Cartridge, RTC & Lever Handle (Less Nozzle)
13	EZ-K	EasyInstall Kit: Nut, Bushing, O-ring & Lock Washer
14	001065-45	O-Ring
15	014200-45	Star Washer, Anti-Rotation
16	018506-19NS	Blue Button Index, Press-in
17	000925-45	Lab Handle Screw
18	002711-40NS	Quarter-Turn Eterna Cartridge, LTC w/ Spring Check, Handle, Index & Screw
19	012442-40NS	Quarter-Turn Eterna Cartridge, LTC w/ Spring Check
20	00AA	1/2" NPT Female Eccentric Flange
21	001019-45	Coupling Nut Washer
22	002712-40NS	Quarter-Turn Eterna Cartridge, RTC w/ Spring Check, Handle, Index & Screw
23	012443-40NS	Quarter-Turn Eterna Cartridge, RTC w/ Spring Check
24	001638-45NS	Lever Handle (New Style)
25	001193-19NS	Red Button Index, Press-in
26	B-PT	Full Flow Stream Regulator, 55/64-27
27	062X	12" Swing Nozzle w/ Stream Regulator Outlet

Product Specifications:

Pre-Rinse Unit: EasyInstall 8" Wall Mount Mixing Faucet, Quarter-Turn Eterna Cartridges w/ Spring Checks, Lever Handles, Add-On Faucet, 12" Swing Nozzle, 44" Flexible Stainless Steel Hose, 1.15 GPM Spray Valve, 6" Wall Bracket & 1/2" NPT Female Inlets

Product Compliance:

ASME A112.18.1 / CSA B125.1
NSF 61 - Section 9
NSF 372 (Low Lead Content)
2019 DOE PRSV - Class II

PRODUCT SPECIFICATIONS

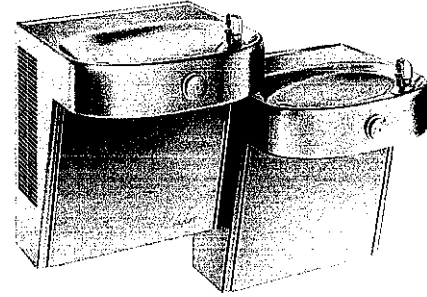
Elkay Wall Mount Heavy Duty Vandal Resistant Bi-level ADA Cooler Non-filtered Refrigerated Stainless. Chilling Capacity of 8.0 GPH (gallons per hour) of 50° F drinking water, based on 80° F inlet water and 90° F ambient, per ASHRAE 18 testing. Features shall include Heavy Duty Vandal Resistant. Furnished with Vandal Resistant StreamSaver™ bubbler. Mechanical Front Bubbler Button activation. Product shall be Wall Mount (On Wall), for Indoor + Outdoor applications, serving 2 station(s). Unit shall be certified to UL 399 and CAN/CSA C22.2 No. 120.

Special Features:	Heavy Duty Vandal Resistant
Finish:	Stainless Steel
Power:	115V/60Hz
Bubbler Style:	Vandal Resistant StreamSaver™
Activation by:	Mechanical Front Bubbler Button
Mounting Type:	Wall Mount (On Wall)
Chilling Capacity*:	8.0 GPH
Full Load Amps	5
Dimensions (L x W x H):	36-1/2" x 18-9/16" x 26-15/16"
Approx. Shipping Weight:	113 lbs.
Installation Location:	Indoor + Outdoor
No. of Stations Served:	2
*Based on 80° F inlet water & 90° F ambient air temp for 50° F chilled drinking water.	
**When used in non-temperature controlled environments, unit(s) must be adequately winterized and/or protected from extreme heat to prevent damage where climates dictate.	

- Mechanically-Activated bubbler continues to supply water in event of service disruptions.

COOLING SYSTEM

- Compressor: Hermetically-sealed, reciprocating type, single phase. Sealed-in lifetime lubrication.
- Condenser: Fan cooled, copper tube with aluminum fins. Fan motor is permanently lubricated.
- Cooling Unit: Combination tube-tank type. Continuous copper tubing with is fully insulated with EPS foam that meets UL requirements for self-extinguishing material.
- Refrigerant Control: Refrigerant R-134a is controlled by accurately calibrated capillary tube.
- Temperature Control: Easily accessible enclosed adjustable thermostat is factory preset. Requires no adjustment other than for altitude requirements.



Included with Product: Water Cooler
Ships in one box.

A Century of Tradition and Quality.
For more than 100 years, Elkay has been making innovative products and providing exceptional customer care. We take pride in offering plumbing products that make life easier, inspire change and leave the world a better place.



PRODUCT COMPLIANCE

ADA & ICC A117.1
ASME A112.19.3/CSA B45.4
Buy American Act
CAN/CSA C22.2 No. 120
NSF/ANSI 61 & 372 (lead free)
UL 399



Complies with ADA & ICC A117.1 accessibility requirements when installed according to the requirements outlined in these standards. Installation may require additional components and/or construction features to be fully compliant. Consult the local Authority Having Jurisdiction if necessary.


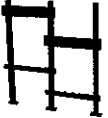


Installation Instructions (PDF) - 98976C

5 Year Limited Warranty on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. **Warranty pertains to drinking water applications only. Non-drinking water applications are not covered under warranty.**

Warranty (PDF)

PART: _____ QTY: _____
PROJECT: _____
CONTACT: _____
DATE: _____
NOTES: _____
APPROVAL: _____

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Optional Accessories		
<u>EWF172</u>	Elkay WaterSentry Filter Kit (Coolers + Fountains) Spec Sheet (PDF)	
<u>MLP200</u>	In-wall Carrier for Bi-level On-wall Bottle Fillers Coolers & Fountains Spec Sheet (PDF)	
<u>LKAPRVRCHD</u>	Elkay Cane Apron for VRCHD Stainless Steel Spec Sheet (PDF)	
<u>98481C</u>	Bubbler Kit Water-Efficient Vandal-Resistant Spec Sheet (PDF)	

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IMPORTANT! INSTALLER PLEASE NOTE:

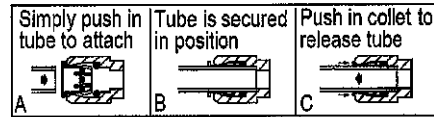
This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

The grounding of electrical equipment such as telephone, computers, etc to water lines is a common procedure. This grounding may be in the building or occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

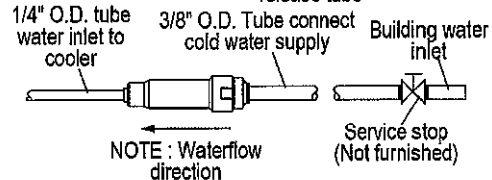
NOTICE

The water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement. The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.

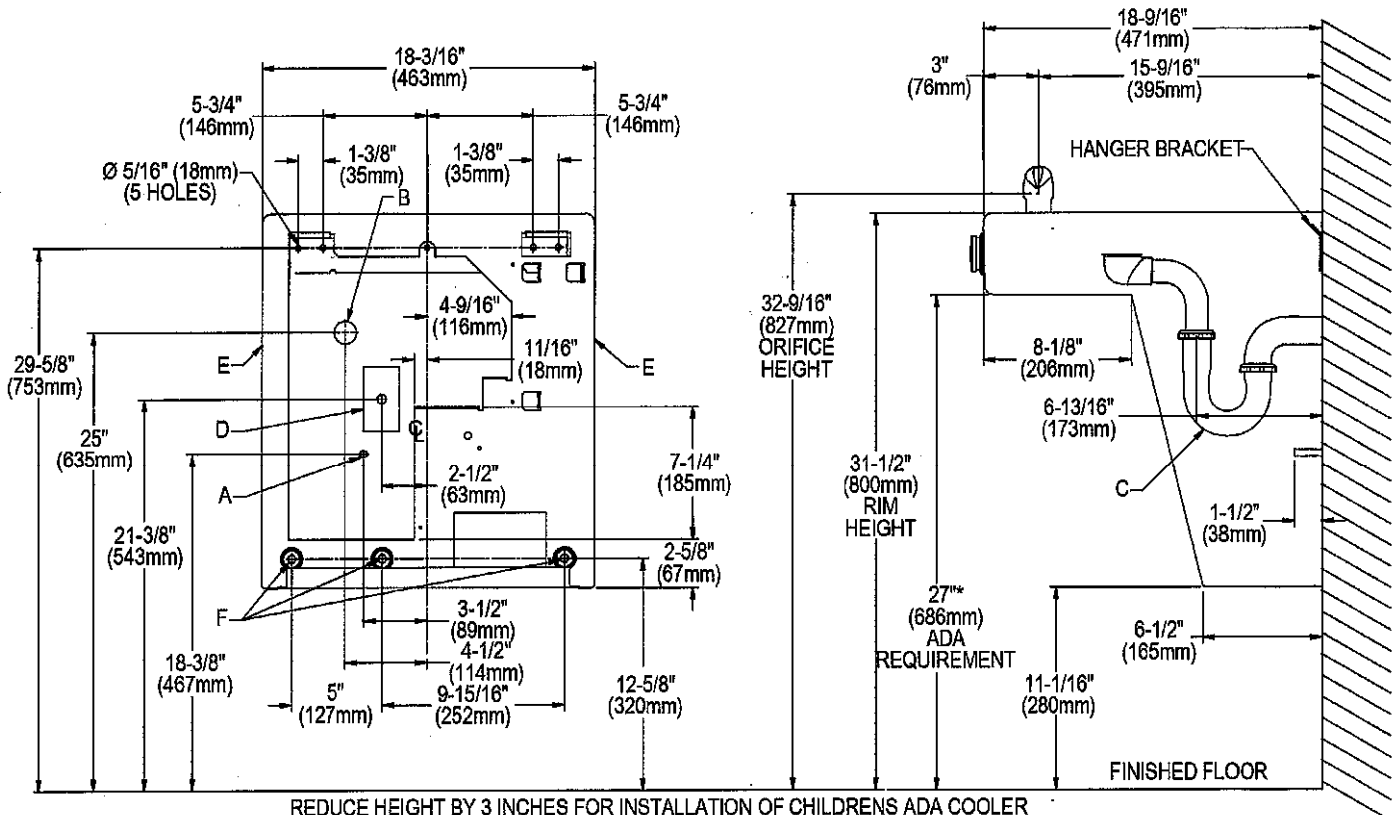
OPERATION OF QUICK CONNECT FITTINGS



Pushing tube in before pulling it out helps to release tube



NOTE: Waterflow direction



REDUCE HEIGHT BY 3 INCHES FOR INSTALLATION OF CHILDRENS ADA COOLER

LEGEND

A = Recommended water supply location. Shut off valve (not furnished) to accept 3/8\" O.D. unplated copper tube. 3\" (76mm) maximum out from wall.

B = Recommended location for waste outlet 1-1/4\" O.D. drain. Drain stub 2\" (51mm) out from wall.

C = 1-1/4\" Trap not furnished.

D = Electrical supply (3) wire recessed box.

E = Insure proper ventilation by maintaining 6\" (152mm) (MIN.) clearance from cabinet louvers to wall.

F = 7/16\" Bolt holes for fastening unit to wall.

NOTE: New installations must use Ground Fault Circuit Interrupter (GFCI). It is highly recommended that the circuit be dedicated and the load protection be sized for 20 amps.

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IMPORTANT! INSTALLER PLEASE NOTE:

This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways.

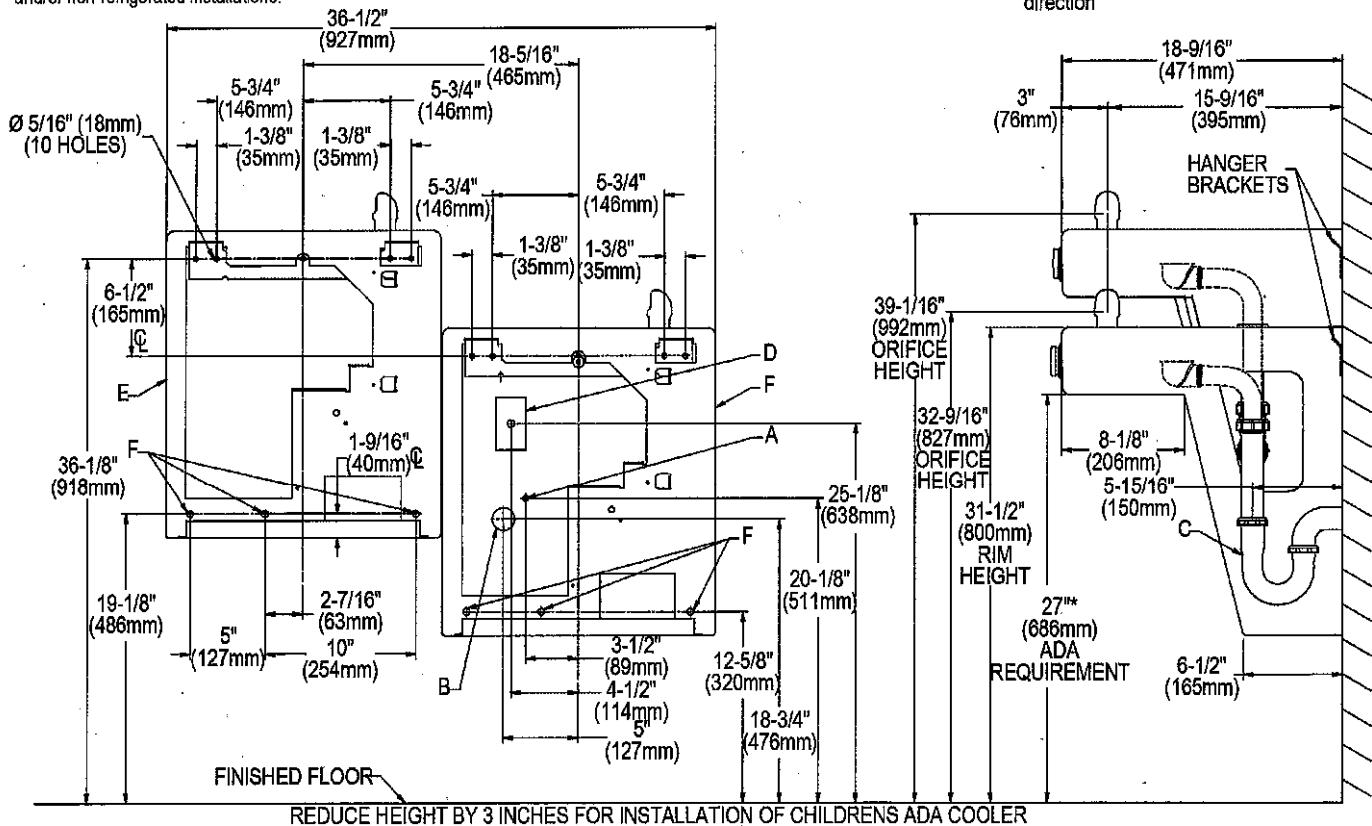
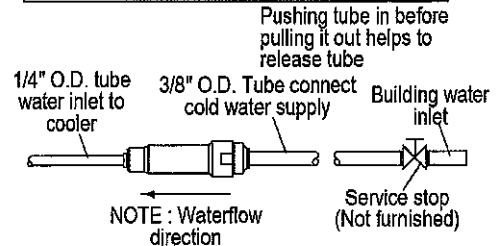
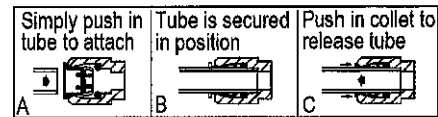
The grounding of electrical equipment such as telephone, computers, etc to water lines is a common procedure. This grounding may be in the building or occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

NOTICE

The water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement. The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system.

Simultaneous operation of both bubblers on a bi-level unit may not be possible depending on water supply pressure. If simultaneous operation is desired, please ensure a minimum of 65 psi supply. Lower pressure may be possible for non-filtered and/or non-refrigerated installations.

OPERATION OF QUICK CONNECT FITTINGS



LEGEND

A = Recommended water supply location. Shut off valve (not furnished) to accept 3/8\" O.D. unplated copper tube. 3\" (76mm) maximum out from wall.

B = Recommended location for waste outlet 1-1/2\" O.D. drain. Drain stub 2\" (51mm) out from wall.

C = 1-1/2\" Trap not furnished.

D = Electrical supply (3) wire recessed box.

E = Insure proper ventilation by maintaining 6\" (152mm) (MIN.) clearance from cabinet louvers to wall.

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PRODUCT SPECIFICATIONS

Elkay ezH2O® Bottle Filling Station with Single ADA Cooler, Filtered 8 GPH Light Gray. Chilling Capacity of 8.0 GPH (gallons per hour) of 50° F drinking water, based on 80° F inlet water and 90° F ambient, per ASHRAE 18 testing. Features shall include Hands Free, Visual Filter Monitor, Filtered, Green Ticker™, Laminar Flow, Antimicrobial, Real Drain. Furnished with Flexi-Guard® Safety Bubbler. Electronic Bottle Filler Sensor With Electronic Front And Side Bubbler Pushbar activation. Product shall be Wall Mount (On Wall), for Indoor applications, serving 1 station(s). Unit shall be certified to UL 399 and CAN/CSA C22.2 No. 120. Unit shall be lead-free design which is certified to NSF/ANSI 61 & 372 (lead free) and meets Federal and State low-lead requirements.

Special Features:	Hands Free, Visual Filter Monitor, Filtered, Green Ticker™, Laminar Flow, Antimicrobial, Real Drain
Finish:	Light Gray Granite
Power:	115V/60Hz
Bubbler Style:	Flexi-Guard® Safety Bubbler
Activation by:	Electronic Bottle Filler Sensor With Electronic Front And Side Bubbler Pushbar
Mounting Type:	Wall Mount (On Wall)
Chilling Option*:	8.0 GPH
Full Load Amps	6
Rated Watts:	370
Dimensions (L x W x H):	18-3/8" x 19" x 39-1/16"
Approx. Shipping Weight:	85 lbs.
Installation Location:	Indoor
No. of Stations Served:	1
*Based on 80° F inlet water & 90° F ambient air temp for 50° F chilled drinking water.	

Special Note: *Coming soon: The Elkay ezH2O you know and love is getting a fresh look, as shown here. In stock models may have prior logo design.

- Visual Filter Monitor: LED Filter Status Indicator for when filter change is necessary.
- Filter is certified to NSF 42 and 53 for lead, particulate, chlorine, taste and odor reduction. 3,000 gal. capacity.
- Green Ticker: Informs user of number of 20 oz. plastic water bottles saved from waste.
- Laminar flow provides clean fill with minimal splash.
- Silver Ion Antimicrobial protection on key plastic components to inhibit the growth of mold and mildew.
- Real Drain System eliminates standing water.

PART: _____ QTY: _____

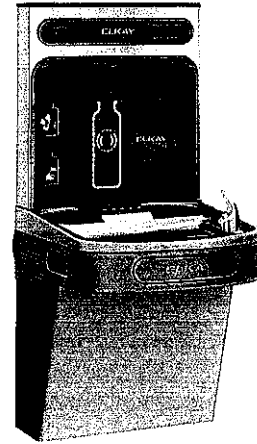
PROJECT: _____

CONTACT: _____

DATE: _____

NOTES: _____

APPROVAL: _____



AMERICAN PRIDE. A LIFETIME TRADITION.

Like your family, the Elkay family has values and traditions that endure. For almost a century, Elkay has been a family-owned and operated company, providing thousands of jobs that support our families and communities.



Included with Product: Water Cooler (LZS8WSL), Bottle Filler (LZWSR), Filter

▼ Ships in multiple boxes.

PRODUCT COMPLIANCE

ADA & ICC A117.1

ASME A112.19.3/CSA B45.4

Buy American Act

CAN/CSA C22.2 No. 120

GreenSpec®

NSF/ANSI 42, 53, 61, & 372 (lead free)

UL 399



Complies with ADA & ICC A117.1 accessibility requirements when installed according to the requirements outlined in these standards. Installation may require additional components and/or construction features to be fully compliant. Consult the local Authority Having Jurisdiction if necessary.

Installation Instructions (PDF)

5 Year Limited Warranty on the refrigeration system of the unit. Electrical components and water system are warranted for 12 months from date of installation. **Warranty pertains to drinking water applications only. Non-drinking water applications are not covered under warranty.**

Warranty (PDF)

OPTIONAL ACCESSORIES

51300C - WaterSentry Plus Replacement Filter (Bottle Fillers)
LKAPREZL - Elkay Cane Apron for EZ Gray
MLP100 - Accessory - In Wall Carrier (Single) for single EZ, LZ, EMABF, LMABF, VRC, LVRC models
98551C - WaterSentry Filter Mounting Cover (Gray Granite)

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit elkay.com for the most current version of Elkay product specification sheets. This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

COOLING SYSTEM

- Compressor: Hermetically-sealed, reciprocating type, single phase. Sealed-in lifetime lubrication.
- Condenser: Fan cooled, copper tube with aluminum fins. Fan motor is permanently lubricated.
- Cooling Unit: Combination tube-tank type. Continuous copper tubing with is fully insulated with EPS foam that meets UL requirements for self-extinguishing material.
- Refrigerant Control: Refrigerant R-134a is controlled by accurately calibrated capillary tube.
- Temperature Control: Easily accessible enclosed adjustable thermostat is factory preset. Requires no adjustment other than for altitude requirements.

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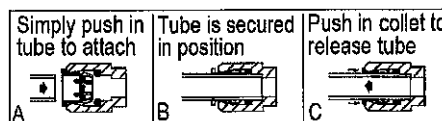
IMPORTANT! INSTALLER PLEASE NOTE :

This water cooler has been designed and built to provide water to the user which has not been altered by materials in the cooler waterways. The grounding of electrical equipment such as telephone, computer, etc. to water lines is a common procedure. The grounding may be in the building but may also occur away from the building. This grounding can cause electrical feedback into a water cooler creating an electrolysis which creates a metallic taste or causes an increase in the metal content of the water. This condition is avoidable by installing the cooler using the proper materials as shown below.

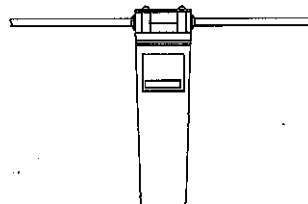
NOTICE

This water cooler must be connected to the water supply using a dielectric coupling. The cooler is furnished with a non-metallic strainer which meets this requirement. The drain trap which is provided by the installer should also be plastic to completely isolate the cooler from the building plumbing system. Bottle filler unit on bracket attached to wall by 6 holes (as shown). Water and electrical will connect through pre-punched hole in basin. These products are designed to operate on 20 psi to 105 psi supply line pressure.

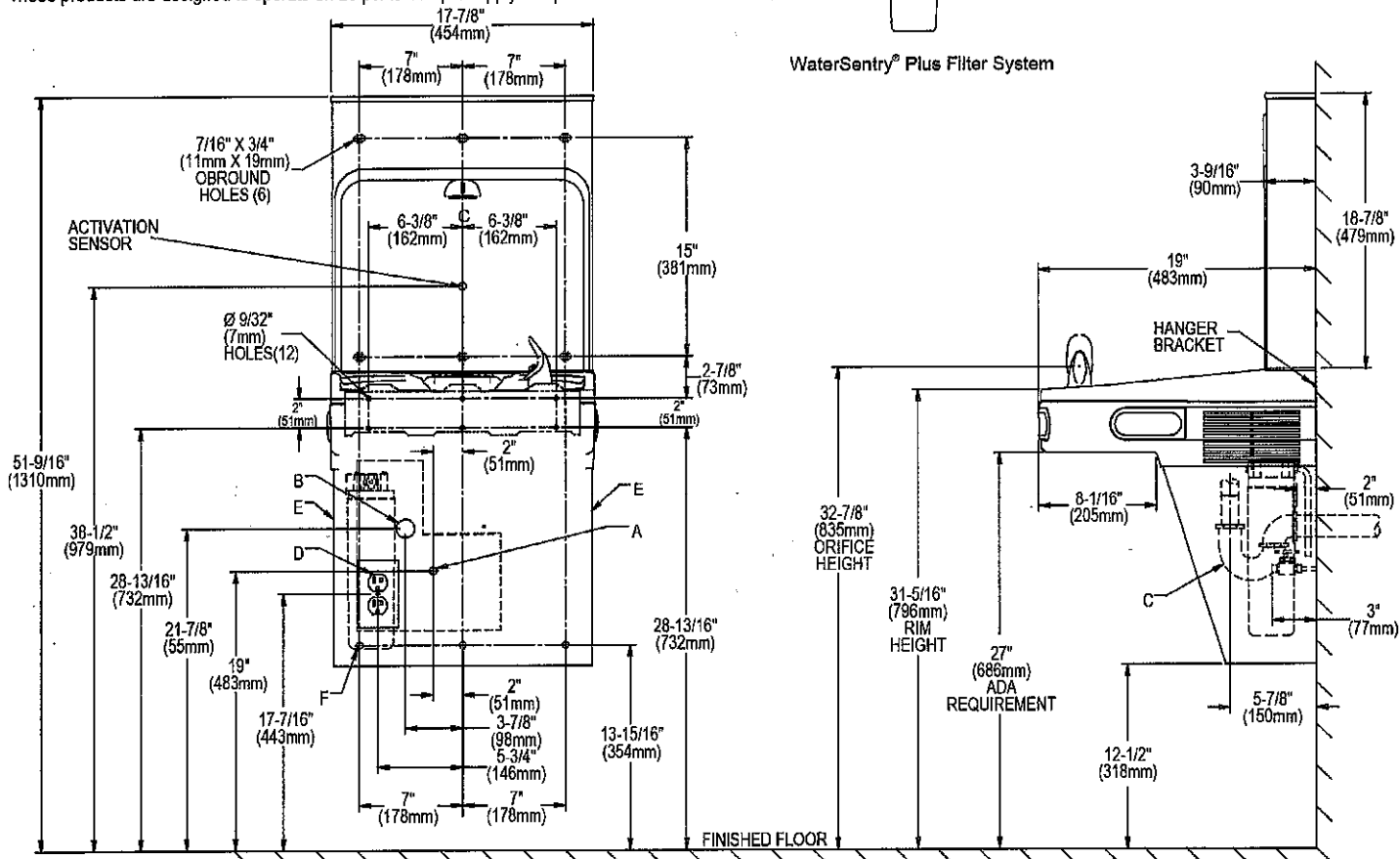
OPERATION OF QUICK CONNECT FITTINGS



Pushing tube in before pulling it out helps to release tube



WaterSentry[®] Plus Filter System



LEGEND:

- A = Recommended Water Supply location. Shut-off Valve (not furnished) to accept 3/8" O.D. unplated copper tube. Up to 3" (76mm) maximum out from wall.
- B = Recommended Waste Outlet location. To accommodate 1-1/4" nominal drain.
- C = 1-1/4" Trap (not furnished).
- D = Electrical Supply (3) Wire Recessed Box Duplex Outlet.
- E = Insure proper ventilation by maintaining 6" (152mm) minimum clearance from cabinet
- F = 7/16" (11mm) Bolt Holes for fastening to wall.

Note : New Installations Must Use Ground Fault Circuit Interrupter (GFCI). It is highly recommended that the circuit be dedicated and the load protection be sized for 20 amps.

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit elkay.com for the most current version of Elkay product specification sheets. This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

**Haws®****model 7360BT-7460BT**

AXION® MSR Wall Mount Eye/Face Wash

FEATURES & BENEFITS

QUALITY CONTROL

Eye/face wash and valve assembly is pre-built and fully water/pressure tested to ensure no leaks and proper function which ultimately reduces installation time and gives the end contractor an added peace of mind. Unit also ships with pre-assembled cast-aluminum wall bracket to assist in the installation process.

BOWL

The 11" (27.9 cm) round stainless steel receptor is supplied with a No. 2L bright finish on its exterior.

BALL VALVE

Valve is designed to make the flushing of fluid occur with the push of a stainless steel flag, and is equipped with a stainless steel ball and stem to provide added protection against corrosion and breakage.

IN-LINE FILTER

Chrome-plated brass in-line 50 x 50 mesh water strainer prevents debris from reaching the eyewash so the unit stays functioning at its best. Strainer is easily serviceable.

EYE/FACE WASH HEAD

AXION® MSR eye/face wash head uses an inverted directional laminar flow to sweep contaminants away from the vulnerable nasal cavity.

DETECTION/INSPECTION

8" x 10-3/4" (20.3 x 27.3 cm) universal emergency sign make the unit easily detected in an emergency. Test card to record weekly checks helps maintain the units best working quality.

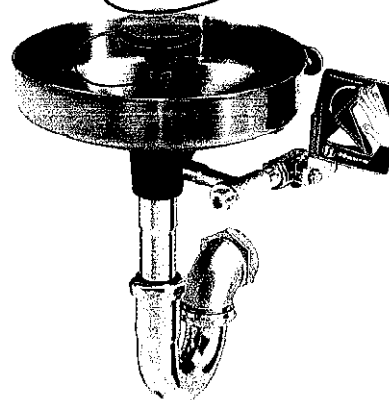
OPTIONS

- Scald Protect Bleed Valve: Model SP157A, stainless steel scald protection bleed valve. Automatic thermal actuator bleed valve opens when internal water temperature reaches 98° F (36.7° C) and closes at 95° F (35° C).
- Thermostatic Mixing Valve: Model 9201EW AXION® Emergency Tempering Valve thermostatically mixes hot and cold water to provide a safe fluid supply for a single emergency eye/face wash, with a flow rate of 10 gpm (38.8 L).
- Emergency Alarm System : Model 9001.5, 1/2" 120 VAC emergency alarm and light system. Buzzer and flashing light are activated by a 1/2" IPS double pole, double throw flow switch.
- Dust Cover: Model 9102 is a stainless steel cover that protects the eyewash heads as well as the bowl.

For more information, visit www.hawsc.com or call (888) 640-4297.

MAIN BLDG

EM-1



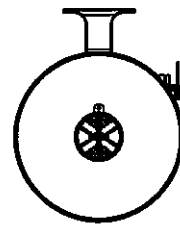
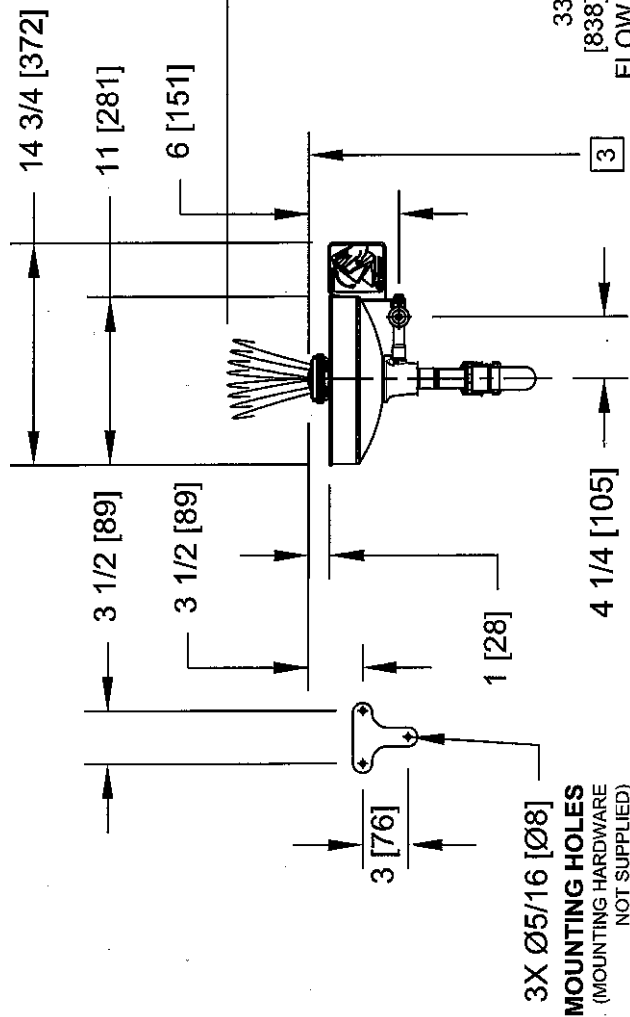
SPECIFICATIONS

Model 7360BTWC barrier-free wall mounted eye/face wash shall include a stainless steel 11" (27.9 cm) round bowl, an AXION® MSR eye/face wash head shall feature inverted directional laminar flow which achieves Zero Vertical Velocity™ supplied by an integral 3.7 gpm flow control, wheelchair accessibility, chrome-plated brass stay-open ball valve equipped with stainless steel ball and stem, chrome-plated brass in-line 50 x 50 mesh water strainer, and chrome-plated brass trap and tailpiece. Unit shall also include 16 gauge stainless steel wall bracket, universal sign, 1/2" NPT inlet, and 1-1/4" NPT waste.

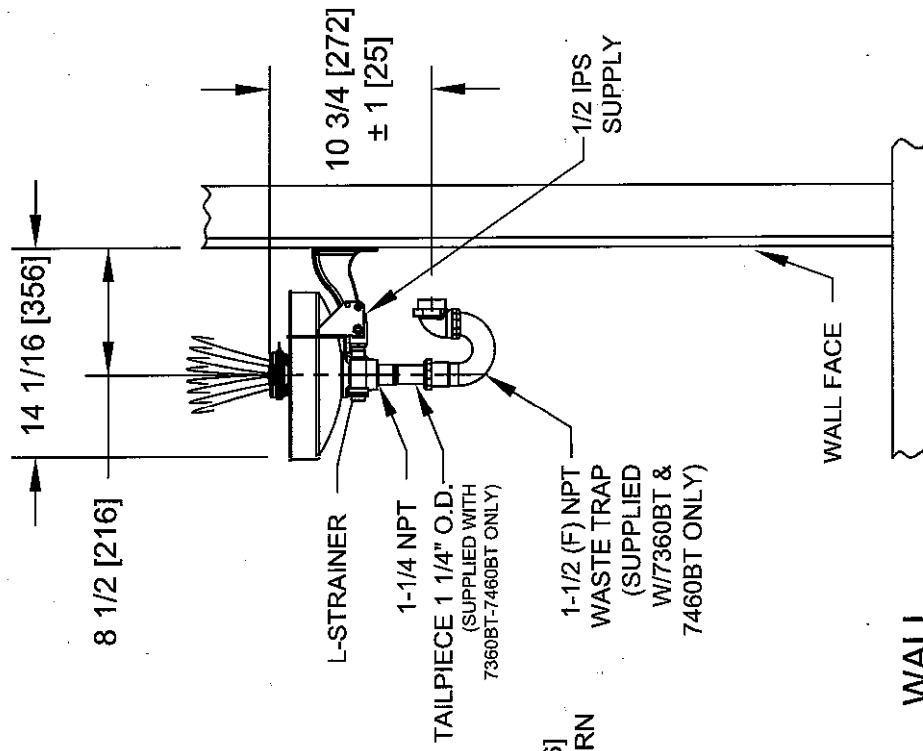
APPLICATIONS

Where the eyes and face of any person may be exposed to injurious or corrosive materials, suitable facilities for quick flushing of the eyes and face be provided within the work area for immediate emergency use. Emergency eye/face wash facilities shall be in unobstructed and accessible locations that require no more than 10 seconds for the injured person to reach. Model 7360BTWC is certified by CSA to meet the ANSI Z358.1 Standard for Emergency Eyewash and Shower Equipment.





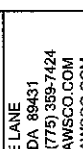
TOP VIEW



WALL MOUNT DETAIL

NOTES:

1. METRIC DIMENSIONS ARE IN BRACKETS [X].
2. TO COMPLY WITH ANSI Z358.1-2014 FOR EMERGENCY EYEWASH OR EYEFACE WASH: EYEWASH OR EYEFACE WASH SHALL BE POSITIONED SUCH THAT FLUSHING FLUID PATTERN IS NOT LESS THAN 33" (838mm) AND NO GREATER THAN 53" (1346mm) FROM SURFACE ON WHICH USER STANDS; AND 6.0" (153 mm) MINIMUM FROM WALL OR NEAREST OBSTRUCTION.
3. HEIGHT IS DETERMINED BY WATER FLOW PATTERN SHOWN, WHICH IN TURN, IS DEPENDENT ON IN-LINE SUPPLY PRESSURE.
4. WHEN INSTALLING THIS UNIT, LOCAL, STATE, OR FEDERAL CODES SHOULD BE ADHERED TO FOR INSTALLATION DIMENSIONS (LOCATIONS), WASTE AND SUPPLY REQUIREMENTS OTHER THAN SHOWN.
5. DIMENSIONS MAY VARY BY ± 1/2 [13].

		1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4772 FAX (775) 359-7424 E-MAIL: HAWS@HAWS.CO.COM WEBSITE: WWW.HAWS.CO.COM	
ECN NO. REVISED PER BY	MODEL(S)	7360B-7460B/7360BT-7460BT	PART NUMBER
4110 ECN-5175 LVMC			0002080042.D
DRAWN: JR	DATE: 1/2/2017		REVISION
APPROVED: PL	DATE: 1/2/2017		14
	SCALE: 1:1	DRAWING TYPE: INSTALLATION	SIZE: A SHEET 1 OF 1



model **9201EW**
AXION® Thermostatic Mixing Valves

FEATURES & BENEFITS

HAWS ORIGINAL

Designed and manufactured by Haws in the U.S.

BYPASS

Best-in-class cold water bypass flow (65% of rated tempered water flow) means continued protection under adverse conditions.

POSITIVE SHUT OFF

Actively suspends hot water flow when cold water supply is lost to protect against scalding.

PRESSURE DROP

Lowest internal pressure drop for this valve class – essential where supply pressure is low.

TEMPERATURE MANAGEMENT

Paraffin-based thermal actuation technology keeps outlet temperature within tight specifications to prevent scalding and hypothermia.

SHUTTLE DESIGN

Superior shuttle design combined with premium material selection eliminates valve binding and reduces maintenance costs.

MIXING CHAMBER

Innovative funnel design generates turbulent flow to ensure consistent temperature blending across entire flow range.

DEPOSITS RESISTANT

Lime and calcium resistant materials used throughout prevent valve sticking and provide a long service life.

FLOW RATES

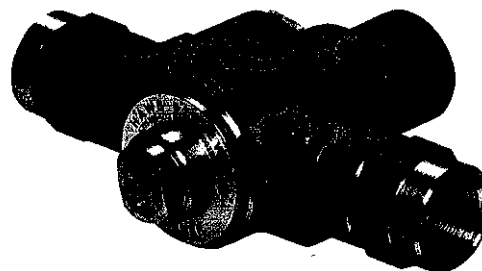
Flow range of 1 to 10 GPM (37.9 L) provides service for one emergency eye/face wash.

MEDICALLY SUPERIOR RESPONSE

AXION's superior design and technology provide a complete safety solution for increased victim comfort.

EXTENDED WARRANTY

3-year extended warranty based on superior engineering and best-in-class material selection means reliable protection you can trust for the long term.



SPECIFICATIONS

Model 9201EW - Thermostatic Mixing Valve (patent pending)

	MAXIMUM		MINIMUM	
Flow Rate	10 GPM	37.9 LPM	1 GPM	4 LPM
Hot Inlet Temperature	180° F	82° C	120° F	49° C
Recommended Hot Inlet Temperature	140° F	60° C		
Cold Inlet Temperature	65° F	18.3° C	40° F	4° C
Adjustable Outlet Temperature Range	90° F	32° C	60° F	16° C
Operating Pressure	125 PSI	8.6 BAR		
Factory Temperature Set Point	85° F	29° C		
Cold Water Bypass	3.8 GPM	14.4 LPM @ 30 PSID		

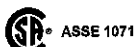
Inlet Ports: 1/2" NPT(f) Outlet Port: 1/2" NPT(F)

Maximum Inlet Pressure Differential: +/- 10%

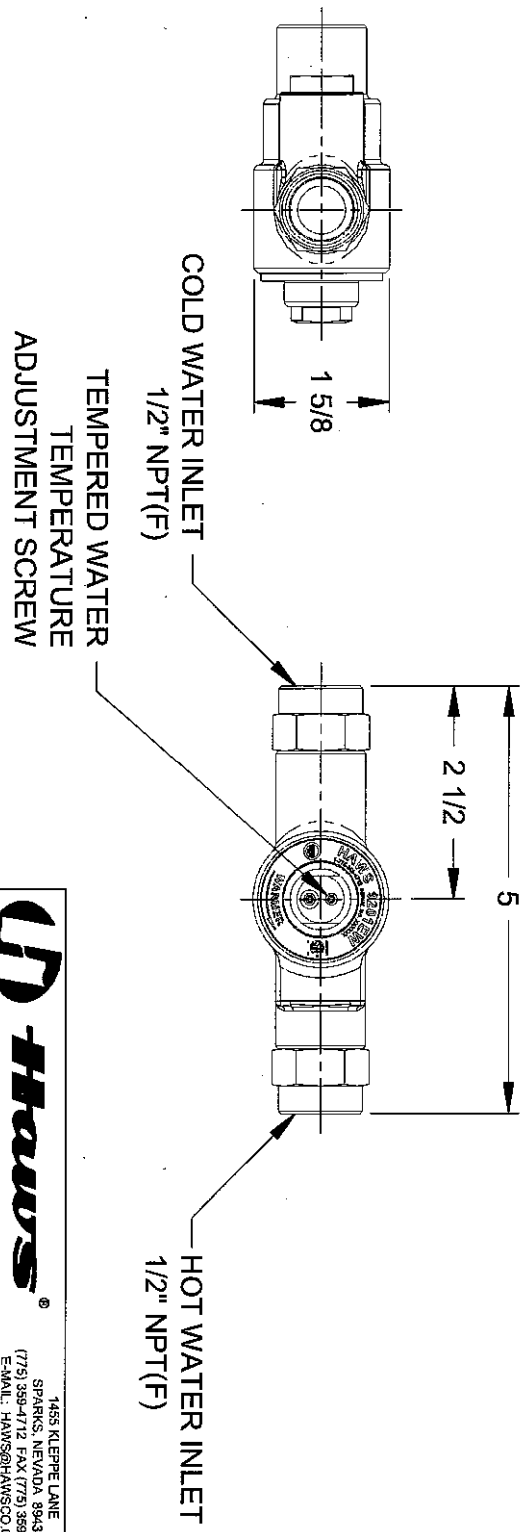
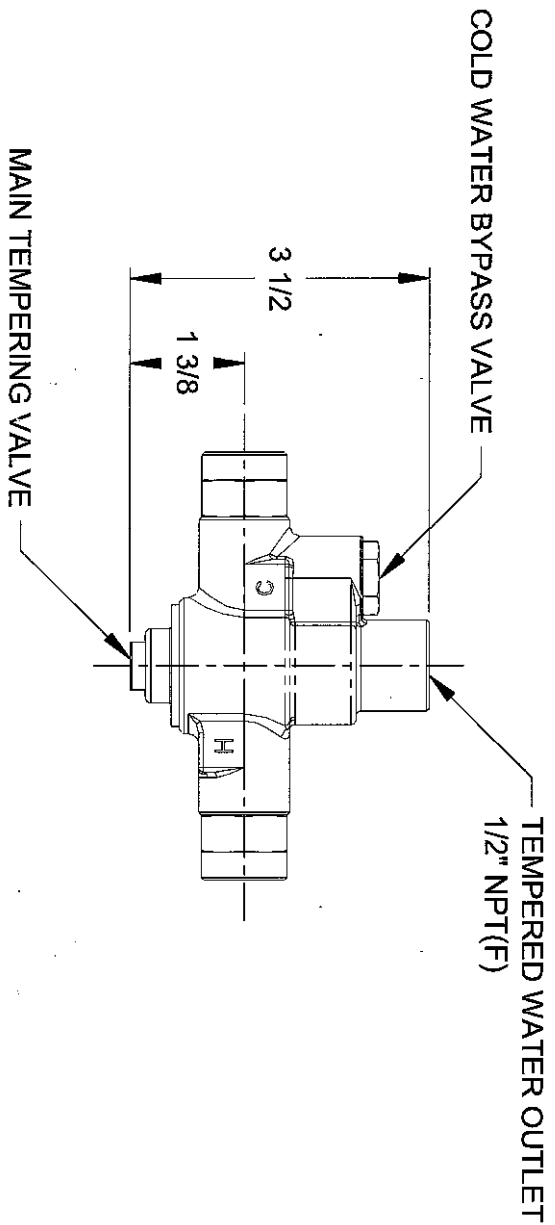
Listings: CSA certified per ASSE 1071, ANSI Z358.1, and applicable sections of CSA B125.3.

FLOW CAPACITIES

MODEL	INLET	OUTLET	MINIMUM FLOW	INTERNAL COLD WATER BY-PASS AT 30PSI DROP	PRESSURE DROP							
9201EW	1/2"	1/2"			5	10	15	20	30	45	60	PSI
					.345	.689	1.03	1.38	2.07	3.10	4.13	BAR
			1	3.8	4.1	5.8	7.1	8.2	10	11.5	14.1	GPM
			4	14.4	15.5	22	28.9	31	37.9	43.5	53.4	L/MIN



THIS DOCUMENT IS TRUE AND CORRECT AT TIME OF PUBLICATION. CONTINUED PRODUCT IMPROVEMENTS
 MAKE SPECIFICATIONS AND MEASUREMENTS SUBJECT TO CHANGE WITHOUT NOTICE



Hawks

1455 KLEPPLE LANE
 SPARKS, NEVADA 89431
 (775) 398-4772 FAX (775) 398-7424
 E-MAIL: HAWKS@HAWSCO.COM
 WEBSITE: WWW.HAWSCO.COM

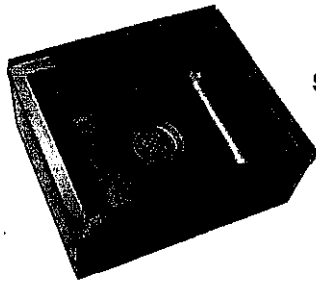
EON NO. REVISED PERFORM.		MODEL(S)	
5985	EON, HAW	9201EW	
DRAWN	DATE	DATE	DATE
WAC	10/21/12	10/21/12	10/21/12
APPROVED	DATE	DATE	DATE
10/21/12	10/21/12	10/21/12	10/21/12
SCALE: 1:1		DRAWING TYPE: INSTALLATION	
SHEET 1 OF 1		REVISION 3	



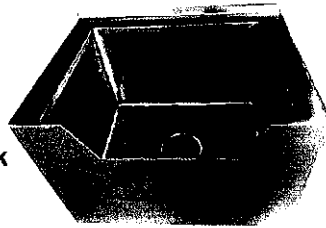
MAINBLDG

STAINLESS STEEL

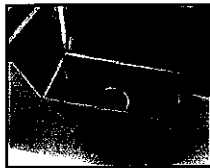
FABRICATED FLOOR MOP SINKS



Standard Mop Sink
9-OP-20 Shown



Drop Front Mop Sink
9-OP-40DF Shown



Notched Out Front Allows
Ease of Emptying Mop Bucket



Fabricated Bowls are Welded
Together at the Seams

* NSF Compliant **NSF**

Item #: _____ Qty #: _____
Model #: JS _____
Project #: _____

FEATURES:

Floor mounted unit eliminates the need of lifting heavy containers.

Tile edge furnished on the rear.

Bowls rectangular in design for increased capacity.

K-16 3-1/2" Free Flow Drain. Connects to a 2" drain pipe.

-DF models feature a notched out front which allows for ease of emptying mop bucket).

CONSTRUCTION:

All TIG welded.

Welded areas blended to match adjacent surfaces and to a satin finish.

MATERIAL:

16 Gauge type "304" series stainless steel sink bowl & Apron.

	Model #	Bowl Size (A x B x C)	O.A. Dimension (W x L x H)	Drain Distance (E)	Drain Distance (F)	Approx. Wt.	Approx. Cu.
STANDARD	9-OP-20*	16" x 20" x 6"	21" x 25" x 10"	10-1/2"	12-1/2"	33 lbs.	4
	9-OP-28*	20" x 28" x 6"	25" x 33" x 10"	12-1/2"	16-1/2"	47 lbs.	7
	9-OP-40*	16" x 20" x 12"	21" x 25" x 16"	10-1/2"	12-1/2"	45 lbs.	6
	9-OP-48*	20" x 28" x 12"	25" x 33" x 16"	12-1/2"	16-1/2"	62 lbs.	9
LARGE BOWL	9-OP-44	24" x 24" x 12"	29" x 29" x 16"	14-1/2"	14-1/2"	70 lbs.	9
	9-OP-33	24" x 36" x 12"	29" x 41" x 16"	14-1/2"	20-1/2"	80 lbs.	12
	9-OP-34	24" x 48" x 12"	29" x 53" x 16"	14-1/2"	26-1/2"	90 lbs.	15
DROP FRONT	9-OP-40DF	16" x 20" x 12"	18-1/2" x 25" x 16"	10-1/2"	12-1/2"	85 lbs.	9
	9-OP-48DF	20" x 28" x 12"	22-1/2" x 33" x 16"	12-1/2"	16-1/2"	110 lbs.	15

MOP SINK ACCESSORIES

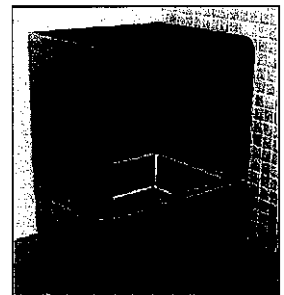
16" High Side & Back Splashes for 9-OP Series Mop Sinks

Splashes on All 3 Sides

Model #	Fits Units:	Model #	Fits Units:
K-298	9-OP-20 9-OP-40	K-298D	9-OP-40DF
K-299	9-OP-28 9-OP-48	K-299D	9-OP-48DF
K-300	9-OP-44	-	-
K-303	9-OP-33	-	-
K-304	9-OP-34	-	-

Splash on Left or Right & Back

Model #	Fits Units:	Model #	Fits Units:
K-288LorR	9-OP-20 9-OP-40	K-288LDorRD	9-OP-40DF
K-290LorR	9-OP-28 9-OP-48	K-290LDorRD	9-OP-48DF
K-291LorR	9-OP-44	-	-
K-293LorR	9-OP-33	-	-
K-294LorR	9-OP-34	-	-



Left & Right Splashes Shown

Height Above Finished Floor (A.F.F.)

9-OP-20/9-OP-28 = 26" High 9-OP-40/9-OP-40DF/9-OP-44/9-OP-48/ 9-OP-48DF = 32" High

K-16 Replacement drain for floor mop sinks

K-240 Service Faucet*

K-242 23" wide mop hanger

K-243 Stainless steel mop drainage tray

K-244 Hose and hanger

K-245 8" x 24" utility shelf

K-246 8" x 36" utility shelf

*Does not meet Federal Lead Free Standards
as it is not intended for potable water.



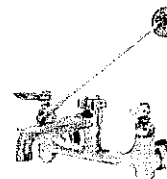
K-242



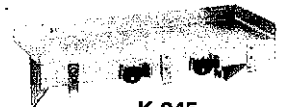
K-243



K-16



K-240



K-245



K-244



Customer Service Available To Assist You 1-800-645-3166 8:30 am - 7:00 pm E.S.T.

For Orders & Customer Service:

Email: customer@advancetabco.com or Fax: 631-242-6900

For Smart Fabrication™ Quotes:

Email: smartfab@advancetabco.com or Fax: 631-586-2933

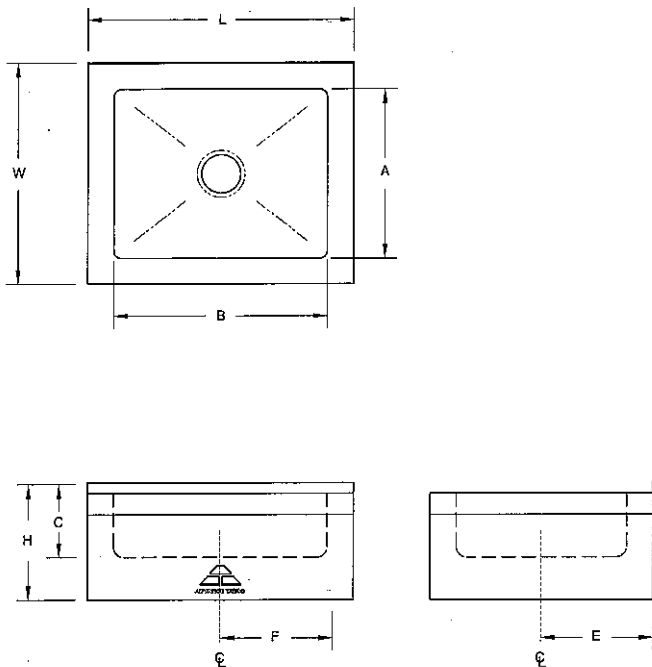
REF-E

DIMENSIONS and SPECIFICATIONS

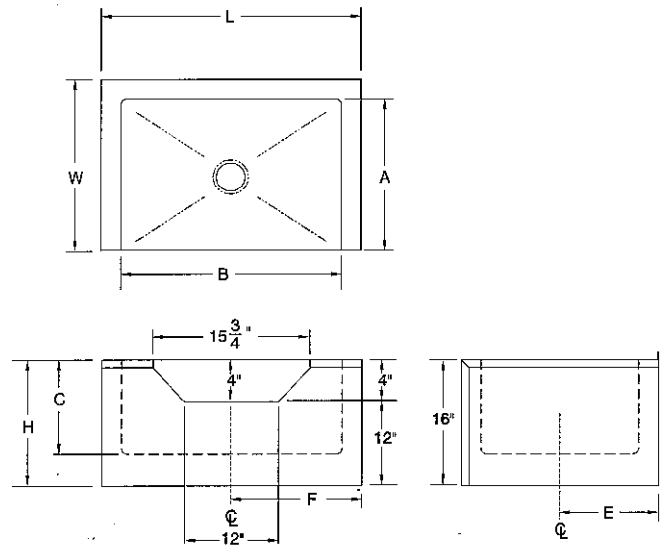
TOL Overall: $\pm .500"$
Interior: $\pm .250"$

ALL DIMENSIONS ARE TYPICAL

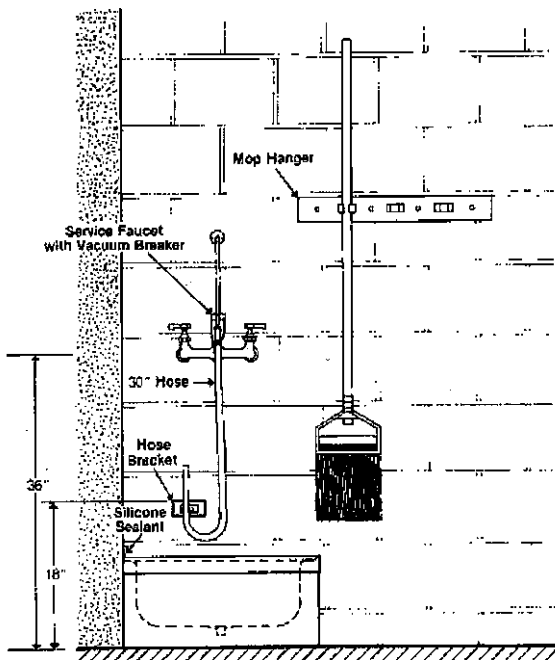
STANDARD MOP SINK



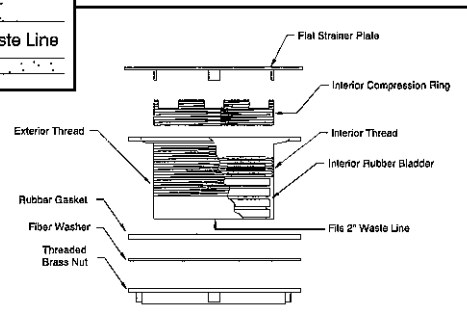
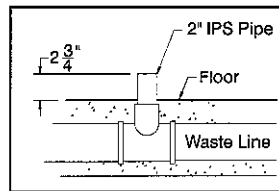
DROP FRONT MOP SINK



SUGGESTED INSTALLATION

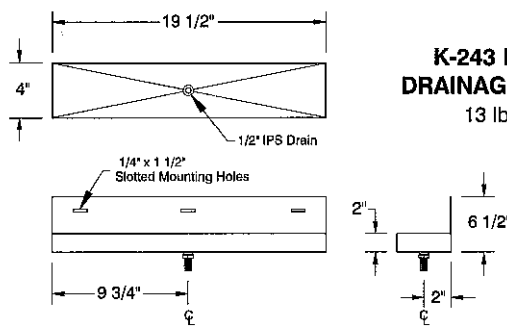


MOP SINK DRAIN ASSEMBLY



K-243 MOP DRAINAGE TRAY

13 lbs.



REF-E

325 Wireless Boulevard, Hauppauge, NY 11788

ADVANCE TABCO is constantly engaged in a program of improving our products. Therefore, we reserve the right to change specifications without prior notice.

© ADVANCE TABCO, APRIL 2022



Service Sink / Mop Sink Faucets

B-0665-CR-BSTR

MAIN BLDG

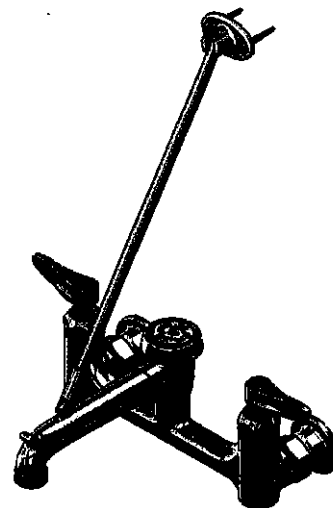
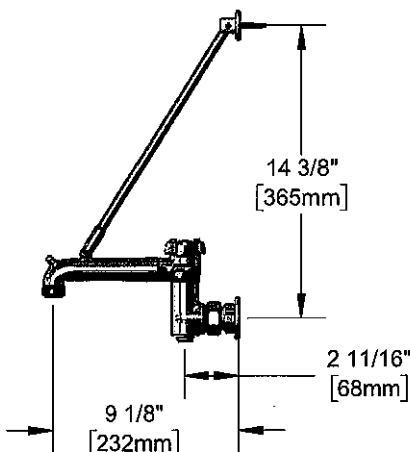
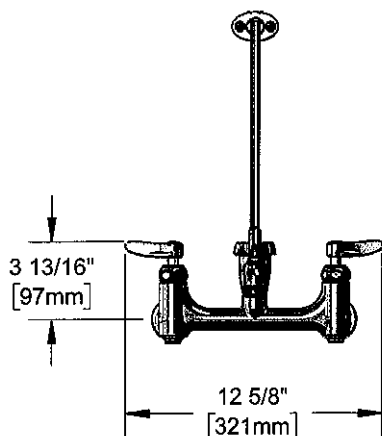
TAG: JS

Service Sink Faucet

Architect/Engineering Specifications:

8" wall mount mixing faucet with polished chrome plated brass body, polished chrome plated brass spout with vacuum breaker, pail hook and garden hose male outlet, ceramic cartridges with check valves, lever handles, 1/2" NPT female inlets, built-in service stops in body and upper support rod. Certified to ASME A112.18.1/CSA B125.1, NSF 61-Section 9, NSF 372 and ASSE 1001. Meets ADA ANSI/ICC A117.1 requirements.

Job Name _____
Model Specified _____ Quantity _____
Variations Specified _____
Date _____



Features & Benefits:

- 8" wall mount mixing faucet with polished chrome plated brass body
- Vacuum breaker spout with pail hook & 3/4" garden hose outlet
- Quarter-turn Cerama cartridges with check valves to prevent cross flow of water
- Lever handles with color coded indexes
- 1/2" NPT female eccentric inlets with Ø 2" flanges
- Adjustable centers from 7 3/4" to 8 1/4"
- Built-in service stops in body
- Upper wall support
- Material: Polished chrome plated brass body & spout and chrome plated metal handles

Product Compliance:

- ASME A112.18.1 / CSA B125.1
- NSF 61 - Section 9
- NSF 372 (Low Lead Content)
- ANSI A117.1 (ADA)
- ASSE 1001 (VB)

Warranty: One Year (Limited)

- Cerama Cartridge: Lifetime (Limited)

Performance Data:

- Pressure: 20 - 125 psi
- Temperature: 40°F - 180°F
- Flow Rate: 12.96 GPM @ 60 psi



ADA Compliant



Optional Handles

- ☐ 4" Wrist Action
- ☐ Lever (Standard)
- ☐ 4-Arm

Optional Cartridges With Checks

- ☐ Quarter Turn Cerama w/ Check Valve (Standard)
- ☐ Quarter Turn Eterna w/ Spring Check



T&S BRASS AND BRONZE WORKS, INC.

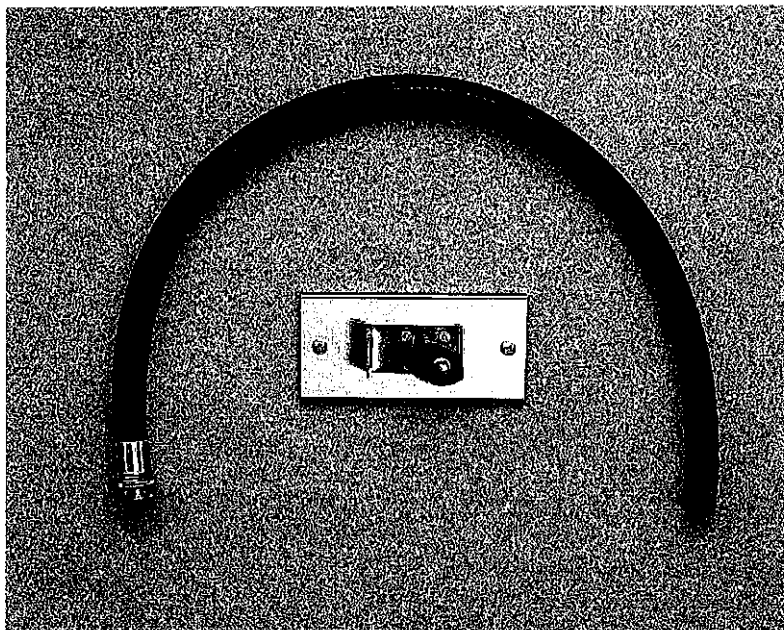


• 2 Saddleback Cove • Travelers Rest, SC 29690
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• Simi Valley, CA • Ph 800-423-0150 • www.tsbrass.com

Date: 11/02/18

H MOPSINK HOSE AND HOSE BRACKET

832-AA



FEATURES

- **GENERAL:** Long flexible, heavy duty $\frac{3}{4}$ " rubber hose. Cloth reinforced with $\frac{3}{4}$ " brass coupling at one end. Bracket is 5" long x 3" wide, stainless steel with rubber grip. Hose and Hose Bracket are used with the 36" x 24" x 10" Molded-Stone Mop Service Basin with Shelf (MSB-3624) and the 24" x 24" x 10" Molded-Stone Mop Services Basin less Shelf (MSB-2424).

NOTES

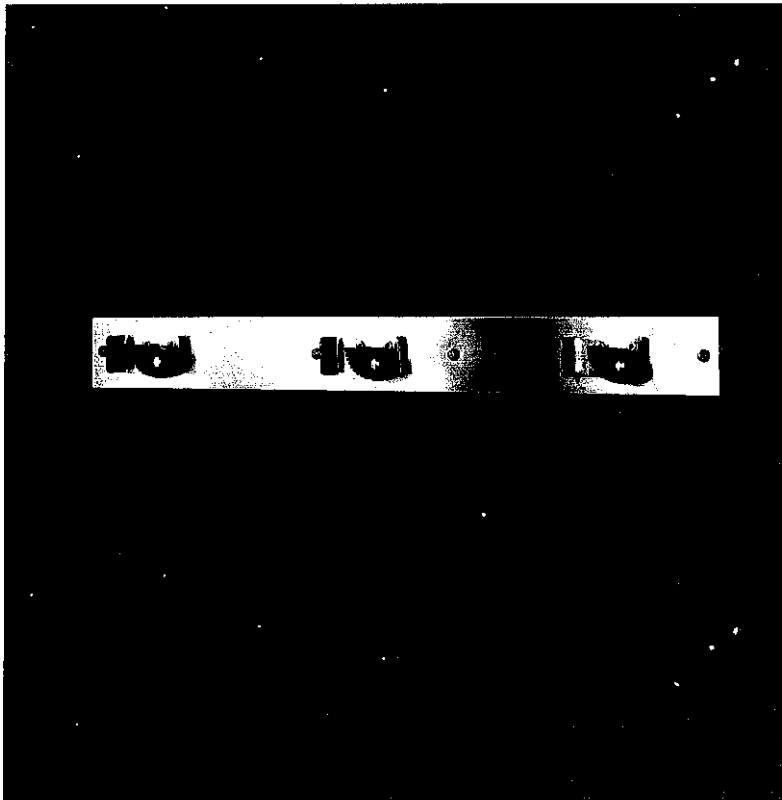
OPTIONS



FIAT PRODUCTS®
A CRANE PLUMBING COMPANY

* Not furnished by Fiat Products. Description for specification purposes only.

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FEATURES

- GENERAL:**
Model No. 889-CC is 24" long x 3" wide, stainless steel with three (3) rubber tool grips. This is used with the 36" x 24" x 10" Molded-Stone Mop Service Basin with Shelf (MSB-3624) and the 24" x 24" x 10" Molded-Stone Mop Services Basin less Shelf (MSB-2424).

NOTES

OPTIONS



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