

SHOP DRAWING TRANSMITTAL

To: Daniel Cusimano Architect Inc.
185 Bridgeland Ave.
Toronto, ON M6A 1Y7

Att: Stacey Melville

Project: **Shopper's Drug Mart #9688**
Nashville Heights
Kleinburg, Ontario

From: Kyle McCallum
Date: May 29, 2025
File: 7370.pt


We have reviewed the attached contractor's equipment shop drawings for general conformity with the design documents and are forwarding them to you for your use in association with the above noted project.

The documents are sent by: Courier • Hand • Pick-up • **Email**

<u>Qty</u>	<u>Shop Drawings</u>	<u>Notes</u>
1	Plumbing Fixtures	<p>Reviewed:</p> <p>Handicapped Water Closet <u>HWC</u> & Water Closet <u>WC</u>: Ensure flush valve sensor is located 3-1/2" above toilet's seat cover open position.</p> <p>Seat shall be Centoco model 820STSS instead of Centoco model 820STS. REVISED.</p> <p>Mop sink <u>MS</u>: Ensure aluminum bumper guards are being provided. REVISED.</p>

SUBMITTAL

Approval Stamps

<p>Contractor</p> <div style="border: 2px solid #0056b3; padding: 10px; margin-top: 20px;"> <div style="display: flex; align-items: center; justify-content: space-between;">  <div style="text-align: center;"> <h3 style="margin: 0;">FORTIS GROUP</h3> </div> </div> <p style="margin-top: 10px;">REVIEWED AS TO GENERAL ARRANGEMENT AND LAYOUT ONLY. DIMENSIONS AND COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS ARE THE RESPONSIBILITY OF THE SUB CONTRACTOR.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 30%;">REVIEWED STATUS</td> <td>REVIEWED</td> </tr> <tr> <td>JOB NUMBER</td> <td>25-1024</td> </tr> <tr> <td>REVIEW DATE</td> <td>May 27, 2025</td> </tr> <tr> <td>REVIEWED BY</td> <td>Tim McEachen</td> </tr> </table> </div>	REVIEWED STATUS	REVIEWED	JOB NUMBER	25-1024	REVIEW DATE	May 27, 2025	REVIEWED BY	Tim McEachen	<p>Owner</p>				
REVIEWED STATUS	REVIEWED												
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REVIEW DATE	May 27, 2025												
REVIEWED BY	Tim McEachen												
<p>Architect</p>	<p>Engineer</p> <div style="margin-top: 200px;"> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <h4>INTEGRATED ENGINEERING</h4> <p style="font-size: 0.8em;">REVIEW OF THIS DRAWING IS FOR GENERAL CONFORMITY WITH THE DESIGN ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIREMENTS OF THE INSTALLATION.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">PROJ No.</td> <td style="color: red;">7370</td> <td style="width: 20%;">REVIEWED</td> <td style="width: 40%;"></td> </tr> <tr> <td>DATE</td> <td style="color: red;">25.05.29</td> <td>REVISED</td> <td style="text-align: center; color: green; font-size: 1.5em;">✓</td> </tr> <tr> <td>BY</td> <td style="color: red;">KJM</td> <td>RESUBMIT</td> <td></td> </tr> </table> <p style="color: red; font-weight: bold; margin-top: 10px;">SEE NOTES & COMMENTS ON TRANSMITTAL</p> </div> </div>	PROJ No.	7370	REVIEWED		DATE	25.05.29	REVISED	✓	BY	KJM	RESUBMIT	
PROJ No.	7370	REVIEWED											
DATE	25.05.29	REVISED	✓										
BY	KJM	RESUBMIT											



54 Audia Court, Unit 2
Concord, ON L4K 3N5
(905)-738-1400

PROJECT NAME	PROJECT ADDRESS	DATE SUBMITTED
SDM 9688 - Kleinburg (Vaughan) - Interior Fit-out 25-009	6520 MAJOR MACKENZIE DRIVE WEST, BUILDING A2 VAUGHAN, ONTARIO	
TO	FROM	
COMPANY	COMPANY	
EMAIL	EMAIL	
ADDRESS	ADDRESS	
260 Edgeley Blvd, Suite 16 Vaughan, ON L4K 3YA	54 Audia Court, Unit 2 Concord, ON L4K 3N5	

Title

Plumbing Fixtures

Rev. 1 :

HR-1 revised as per engineer's comment.

HS: SPF-46 Multi-laminar spray head kit added

Description

PLUMBING FIXTURES COUNT

DS-2-Double Sink-Staff Room 1

DS-1-Double Sink-Pharmacy 1

HWC - HANDICAPPED WATERCLOSET 1

WC - WATERCLOSET 2

L - LAVATORY 2

MS - MOP SINK 1

HS - CONSULT ROOM HAND SINK 3

HL - HANDICAPPED LAVATORY 1

WH-1-Domestic Water Heater-AO Smith-DEL-30 1

WH-2-Domestic Water Heater-AO Smith-DEL-10 1

HR-1Retractable Hose Reel c/w 25' Hose & Spray Nozzle1

ET-1 WATTS PLT-12 4.5 GALLON 1

ET-2 WATTS PLT-5 2.1 GALLON 1

P-1 1/2" HOT WATER RECIRC PUMP 1

SHOP DRAWING PACKAGE

Prepared for
CONSULT MECHANICAL

**Alterations Shoppers
Drug Mart
Nashville Heights
Kleinburg**

APR 24, 2025



BARRIER FREE

MADERA™ FloWise® 16-1/2" HEIGHT ELONGATED FLUSHOMETER TOILET

VITREOUS CHINA with EVERCLEAN®

MADERA™ FloWise® 16-1/2" HEIGHT ELONGATED with EVERCLEAN®

- Floor mount flushometer valve toilet
- Vitreous china
- 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 (1.28 gpf or 1.6 / 1.1 gpf dual flush)
- Permanent EverClean® surface inhibits the growth of stain and odor-causing bacteria, mold, and mildew on the surface
- Fully glazed 2-1/8" trapway
- Elongated bowl
- 10" or 12" roughing-in
- 16-1/2" rim height for accessible application
- Condensation channel
- Powerful direct-fed siphon jet action
- 10" x 12" water surface area
- 1-1/2" inlet spud
- 2 bolt caps
- 100% factory flush tested



SEE REVERSE FOR ROUGHING-IN DIMENSIONS

- ☒ **3461.001** Elongated bowl only, top spud
- ☐ **3462.001** Elongated bowl only, top spud with slotted rim for bedpan holding (White only)
- ☐ **3465.001** Elongated bowl only, top spud with 4 bolts (White Only)
- ☐ **3466.001** Elongated bowl only, top spud with slotted rim for bedpan holding with 4 bolts (White only)
- ☐ **3463.001** Elongated bowl only, back spud
- ☐ **3464.001** Elongated bowl only, back spud with slotted rim for bedpan holding (White only)

System MaP* Score:

- 1,000 grams of miso @ 1.1 gpf, 1.28 gpf or 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)
- ☐ **481310-100** Bolt caps with retainers (furnished with bowl)

Nominal Dimensions:

718 x 356 x 419mm
(28-1/4" x 14" x 16-1/2")

Fixture only, less seat and flush valve

Recommended working pressure—between 25 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

To Be Specified:

- ☒ Color: ☒ White ☐ Bone ☐ Linen
- ☐ 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)
 - ☐ Sensor-Operated: American Standard Selectronic® AC Power #6067.261.002 (Back Spud)
 - ☐ Manual: American Standard #6047.161.002 (Top Spud)
 - ☐ 1.28 gpf:
 - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.121.002 (Top Spud)
 - ☐ Sensor-Operated: American Standard Selectronic® AC Power #6067.221.002 (Back 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)



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

EVERCLEAN®
Surface



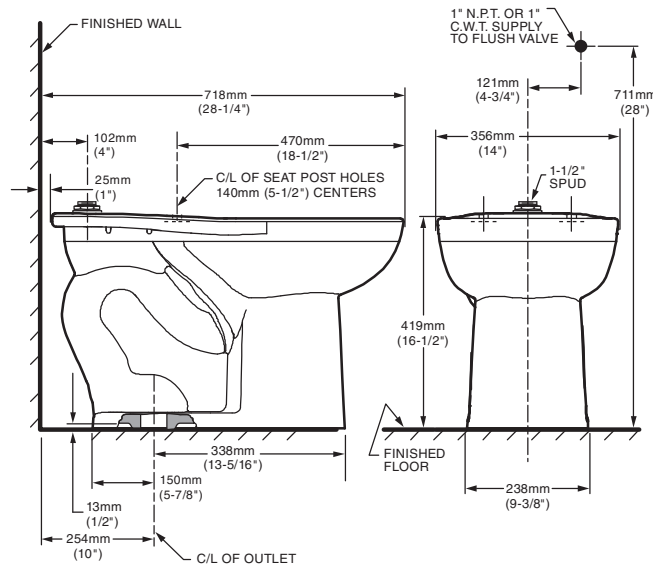


MADERA™ FloWise® 16-1/2" HEIGHT ELONGATED FLUSHOMETER TOILET

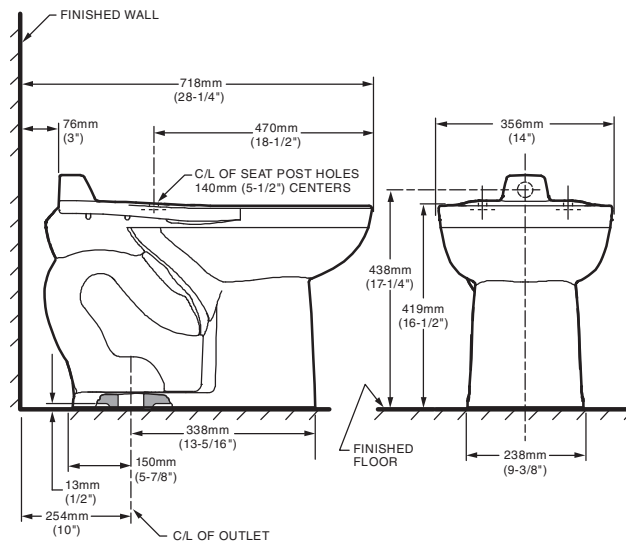
VITREOUS CHINA with EVERCLEAN®



3461.001/3462.001/3465.001/3466.001



3463.001/3464.001



NOTES:

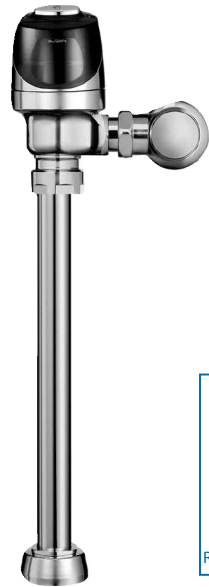
PRODUCT 3461 AND 3463 SHOWN, 3462 AND 3464 SAME EXCEPT WITH SLOTTED RIM FOR BED PAN HOLDING.
TO COMPLY WITH AREA CODE GOVERNING THE HEIGHT OF VACUUM BREAKER ON THE FLUSHOMETER VALVE, THE PLUMBER MUST VERIFY DIMENSIONS SHOWN FOR SUPPLY ROUGHING.
THIS TOILET DESIGNED TO ROUGH-IN AT A MINIMUM DIMENSION OF 254MM (10") AND A MAXIMUM DIMENSION OF 305MM (12") FROM FINISHED WALL TO C/L OF OUTLET.
FLUSHOMETER VALVE NOT INCLUDED WITH FIXTURE AND MUST BE ORDERED SEPARATELY. FLUSHOMETER VALVE REQUIREMENTS FOR 12" (305MM) ROUGH-IN: SWEAT EXTENSION NIPPLE IS REQUIRED. REFER TO VALVE MANUFACTURER AND LOCAL CODES.

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.

8115-1.28

HET

HIGH-EFFICIENCY TOILET



► Description

Exposed, Battery Powered, Sensor Operated G2® Model Water Closet Flushometer for floor mounted or wall hung top spud bowls.

► Flush Cycle

Model 8115-1.28 High Efficiency (1.28 gpf/4.8 Lpf)

Note: Valve may not function with all bowls. Be sure to verify flow requirements with bowl manufacturer or call Sloan Valve Company.

► Specifications

Quiet, Exposed, Diaphragm Type, Chrome Plated Closet Flushometer for either left or right hand supply with the following features:

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- ADA Compliant OPTIMA *Plus*® Battery Powered Infrared Sensor for automatic "No Hands" operation
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Latching Solenoid Operator
- Engineered Metal Cover with replaceable Lens Window
- User friendly three (3) second Flush Delay
- Courtesy Flush® Override Button
- Four (4) Size AA alkaline Batteries included: Duracell® with DURALOCK Power Preserve Technology™-guaranteed for up to 10 years in storage
- "Low Battery" Flashing LED
- Infrared Sensor Range Adjustment Screw
- Initial Set-up Range Indicator Light (first 10 minutes)
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop
- Free Spinning, Vandal Resistant Stop Cap
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut
- Spud Coupling and Flange for 1½" Top Spud
- Sweat Solder Adapter with Cover Tube and Cast Set Screw Wall Flange
- High Copper, Low Zinc Brass Castings for Dezincification Resistance
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Flush Accuracy Controlled by CID Technology
- Diaphragm, Stop Seat and Vacuum Breaker molded from PERMEX® Rubber Compound for Chloramine resistance
- 100% of the energy used in manufacturing is offset with Renewable Energy Sources – Wind Energy

Valve Body, 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 A112.19.2. Installation conforms to ADA requirements.

► Special Finishes

- ☐ **PB** Polished Brass (PVD Finish)
- ☐ **BN** Brushed Nickel (PVD Finish)
- ☐ **SF** Satin Chrome



► ADA Compliant

► Automatic

Sloan G2 Optima *Plus*® Flushometers activate via multi-lobular sensor detection to provide the ultimate in sanitary protection and automatic operation. A battery powered infrared sensor sets the flushing mechanism after the user is detected and completes the flush when the user steps away.

► Functional & Hygienic

Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The G2 Optima *Plus* Flushometer is provided with an Override Button to allow a "courtesy flush" for individual user comfort.

► Economical

Sloan installed batteries speed installation and provide years of metered flushing to control the use of water and energy. Batteries can be changed without turning off the water.

► Warranty

3 year (limited)



Listed by I.A.P.M.O.

This space for Architect/Engineer approval

Job Name _____	Date _____
Model Specified _____	Quantity _____
Variations Specified _____	
Customer/Wholesaler _____	
Contractor _____	
Architect _____	

Model

8115-1.28



► Description

Exposed, Battery Powered, Sensor Operated G2® Model Water Closet Flushometer for floor mounted or wall hung top spud bowls.

► Flush Cycle

Model 8115-1.28 High Efficiency (1.28 gpf/4.8 Lpf)

Note: Valve may not function with all bowls. Be sure to verify flow requirements with bowl manufacturer or call Sloan Valve Company.

ELECTRICAL SPECIFICATIONS

► Control Circuit

Solid State
6 VDC Input
8 Second Arming Delay
3 Second Flush Delay

► OPTIMA Sensor Type

Active Infrared

► OPTIMA Sensor Range

Nominal 22" - 42" (559 mm - 1067 mm),
Adjustable $\pm 8"$ (203 mm)

► Battery Type

(4) Size AA Alkaline: Duracell® with DURALOCK Power Preserve Technology™

► Battery Life

3 Years @ 4,000 Flushes/Month

► Indicator Lights

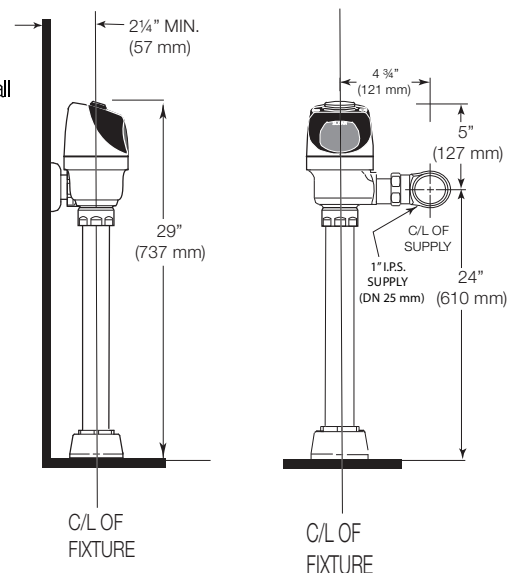
Range Adjustment/Low Battery

► Operating Pressure

15 - 100 psi (104 - 689 kPa)

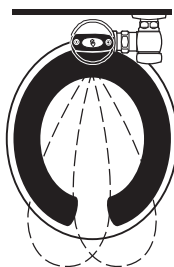
► Sentinel Flush

Once Every 24 Hours After the Last Flush

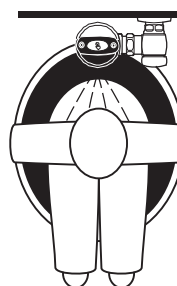


OPERATION

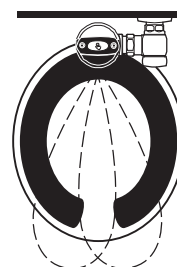
1. A continuous, invisible light beam is emitted from the OPTIMA Plus Sensor.



2. As the user enters the beam's effective range (22" to 42") the beam is reflected into the OPTIMA Plus Scanner Window and transformed into a low voltage electrical circuit. Once activated, the Output Circuit continues in a "hold" mode for as long as the user remains within the effective range of the Sensor.

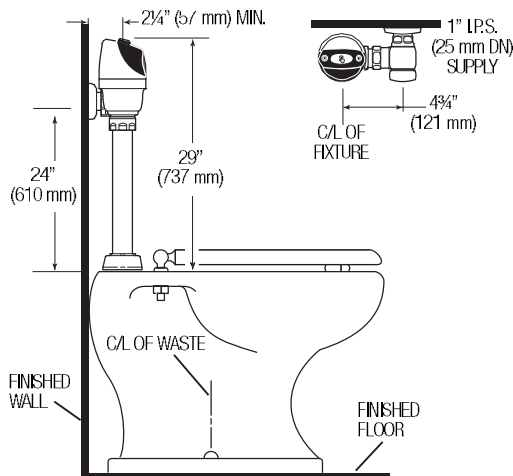


3. When the user steps away from the OPTIMA Plus Sensor, the circuit waits 3 seconds (to prevent false flushing) then initiates an electrical signal that operates the Solenoid. This initiates the flushing cycle to flush the fixture. The Circuit then automatically resets and is ready for the next user.



VALVE ROUGH-IN

Model 8115-1.28



The Model 8115 valve is designed for installations where the water supply is roughed-in 24" (610 mm) above the top of the water closet.

For new installations, Sloan strongly recommends the use of our Model 8111 which has a shorter installation height.

When installing the G2 Optima Plus 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.

SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

Phone: 1-800-982-5839 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • www.sloanvalve.com



Solid Plastic Seats Elongated

Institutional • Commercial • Hotel/Motel • Residential

800 SERIES

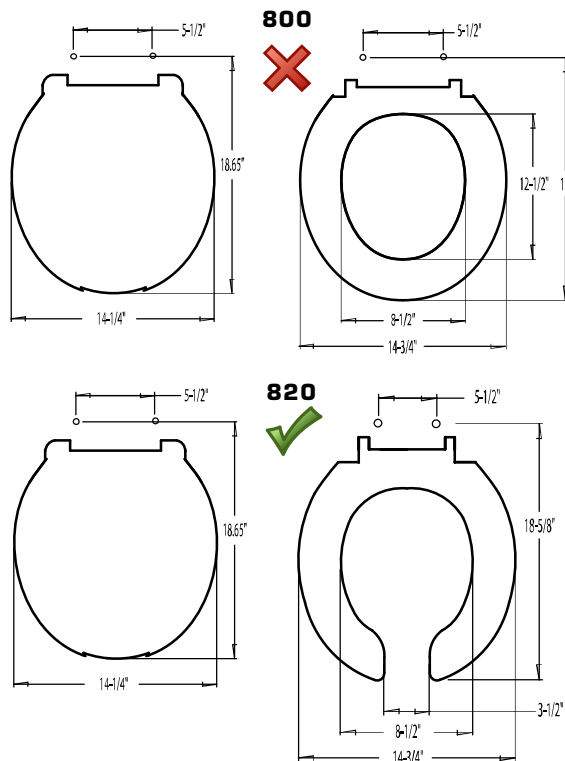


Available in Antimicrobial.
Available in Fire-Retardant.

820 SERIES



Available in Antimicrobial.
Available in Fire-Retardant.



DETAILS

800TM

Luxury closed front with cover for elongated bowl. Top-mount hinge. For residential and light-duty commercial use.

800STS

Extra heavy-duty, closed front with cover for elongated bowl. Stainless steel hinge.

800STSS

Extra heavy-duty, closed front with cover for elongated bowl. Stainless steel self-sustaining ring.

820TM

Light-duty commercial, open front with cover for elongated bowl. Top-mount hinge. For light-duty commercial use.

820STS

Extra heavy-duty, open front with cover for elongated bowl. Stainless steel hinge.

820STSS

Extra heavy-duty, open front with cover for elongated bowl. Self-sustaining, stainless steel hinge.

Standard Features:

- Impact-absorbing hinges
- Extended back with concealed hinge
- Integrally-molded, permanent and sanitary color-keyed bumpers
- Corrosion-free hardware
- Withstands cleansers, strong chemicals

Color	Code #	800 TM	800 STS	800 STSS	820 TM	820 STS	820 STSS
White	001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cotton/ Crane White	301	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Linen/ Biscuit	416	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Black	407	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bone/ Almond	106-A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Canada ☒ U.S. ☐



Madera™ FloWise® 15" Height Elongated Flushometer Toilet

VITREOUS CHINA with EVERCLEAN®

Madera™ FloWise® 15" Height Elongated with EverClean®

- Floor mount flushometer valve toilet
- Vitreous china
- 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 (1.28 gpf or 1.6 / 1.1 gpf dual flush)
- Permanent EverClean® surface inhibits the growth of stain and odor-causing bacteria, mold, and mildew on the surface
- Fully glazed 2-1/8" trapway
- Elongated bowl
- 10" or 12" roughing-in
- 15" rim height
- Condensation channel
- Powerful direct-fed siphon jet action
- 10" x 12" water surface area
- 1-1/2" inlet spud
- 2 bolt caps

- ☒ **3451001** Elongated bowl only, top spud
- ☐ **3452001** Elongated bowl only, top spud with slotted rim for bedpan holding
- ☐ **3453001** Elongated bowl only, back spud
- ☐ **3455001** Elongated bowl only, back spud with slotted rim for bedpan holding

System MaP* Score:

- 1,000 grams of miso @ 1.1 gpf, 1.28 gpf or 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)
- ☐ **481310-100** Bolt caps with retainers (furnished with bowl)

Nominal Dimensions:

718 x 356 x 381mm
(28-1/4" x 14" x 15")

Fixture only, less seat and flush valve

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

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)
 - ☐ Sensor-Operated: American Standard Selectronic® AC Power #6067.261.002 (Back Spud)
 - ☐ Manual: American Standard #6047.161.002 (Top Spud)
 - ☐ 1.28 gpf:
 - ☐ Sensor-Operated: American Standard Selectronic® DC Power #6065.121.002 (Top Spud)
 - ☐ Sensor-Operated: American Standard Selectronic® AC Power #6067.221.002 (Back 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)



ENVIRONMENTAL
PRODUCT
DECLARATION



When used with
1.1 or 1.28 gpf
toilet flush valves



EVERCLEAN

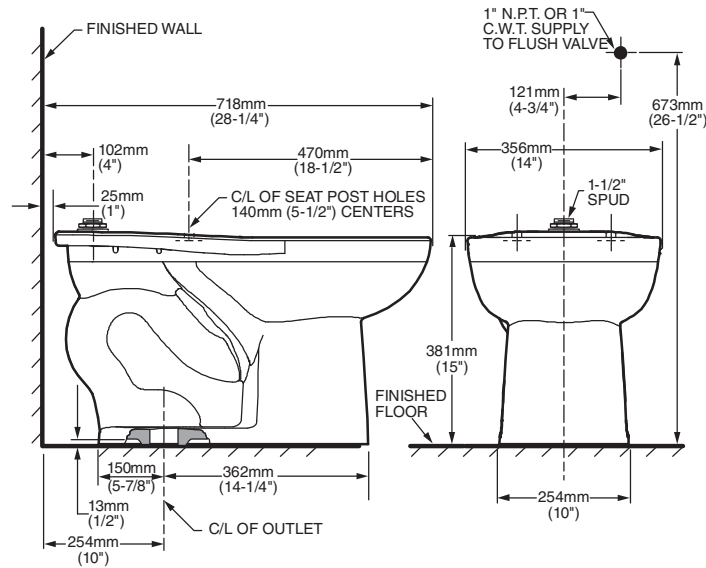


WATER
EFFICIENT

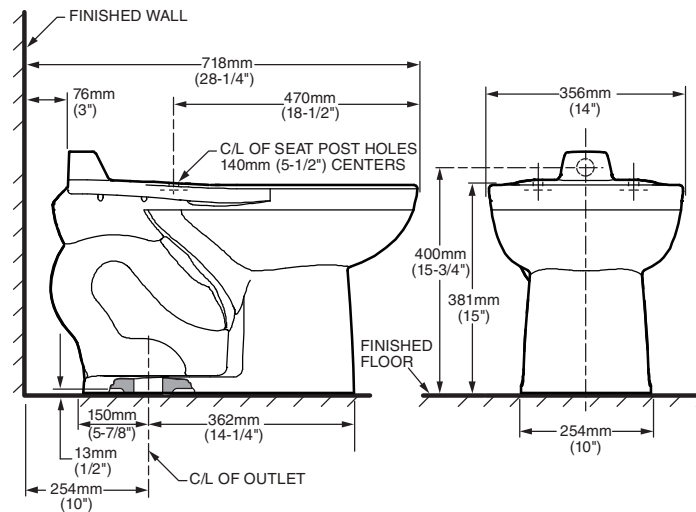
Madera™ FloWise® 15" Height Elongated Flushometer Toilet

VITREOUS CHINA with EVERCLEAN®

3451001 / 3452001



3453001 / 3455001



NOTES:

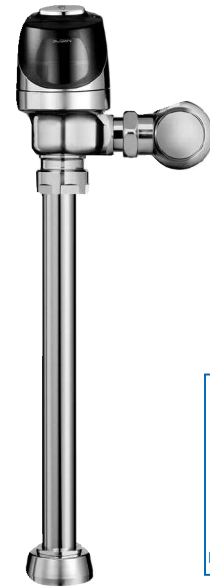
PRODUCT 3451 AND 3453 SHOWN, 3452 AND 3455 SAME EXCEPT WITH SLOTTED RIM FOR BED PAN HOLDING.
TO COMPLY WITH AREA CODE GOVERNING THE HEIGHT OF VACUUM BREAKER ON THE FLUSHOMETER VALVE, THE PLUMBER MUST VERIFY DIMENSIONS SHOWN FOR SUPPLY ROUGHING.
THIS TOILET DESIGNED TO ROUGH-IN AT A MINIMUM DIMENSION OF 254MM (10") AND A MAXIMUM DIMENSION OF 305MM (12") FROM FINISHED WALL TO C/L OF OUTLET.
FLUSHOMETER VALVE NOT INCLUDED WITH FIXTURE AND MUST BE ORDERED SEPARATELY. FLUSHOMETER VALVE REQUIREMENTS FOR 12" (305MM) ROUGH-IN: SWEAT EXTENSION NIPPLE IS REQUIRED. REFER TO VALVE MANUFACTURER AND LOCAL CODES.

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.

8115-1.28

HET

HIGH-EFFICIENCY TOILET



► Description

Exposed, Battery Powered, Sensor Operated G2® Model Water Closet Flushometer for floor mounted or wall hung top spud bowls.

► Flush Cycle

Model 8115-1.28 High Efficiency (1.28 gpf/4.8 Lpf)

Note: Valve may not function with all bowls. Be sure to verify flow requirements with bowl manufacturer or call Sloan Valve Company.

► Specifications

Quiet, Exposed, Diaphragm Type, Chrome Plated Closet Flushometer for either left or right hand supply with the following features:

- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- ADA Compliant OPTIMA *Plus*® Battery Powered Infrared Sensor for automatic "No Hands" operation
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Latching Solenoid Operator
- Engineered Metal Cover with replaceable Lens Window
- User friendly three (3) second Flush Delay
- Courtesy Flush® Override Button
- Four (4) Size AA alkaline Batteries included: Duracell® with DURALOCK Power Preserve Technology™-guaranteed for up to 10 years in storage
- "Low Battery" Flashing LED
- Infrared Sensor Range Adjustment Screw
- Initial Set-up Range Indicator Light (first 10 minutes)
- 1" I.P.S. Screwdriver Bak-Chek® Angle Stop
- Free Spinning, Vandal Resistant Stop Cap
- Adjustable Tailpiece
- High Back Pressure Vacuum Breaker Flush Connection with One-piece Bottom Hex Coupling Nut
- Spud Coupling and Flange for 1½" Top Spud
- Sweat Solder Adapter with Cover Tube and Cast Set Screw Wall Flange
- High Copper, Low Zinc Brass Castings for Dezincification Resistance
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Flush Accuracy Controlled by CID Technology
- Diaphragm, Stop Seat and Vacuum Breaker molded from PERMEX® Rubber Compound for Chloramine resistance
- 100% of the energy used in manufacturing is offset with Renewable Energy Sources – Wind Energy

Valve Body, 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 A112.19.2. Installation conforms to ADA requirements.

► Special Finishes

- ☐ **PB** Polished Brass (PVD Finish)
- ☐ **BN** Brushed Nickel (PVD Finish)
- ☐ **SF** Satin Chrome



► ADA Compliant

► Automatic

Sloan G2 Optima *Plus*® Flushometers activate via multi-lobular sensor detection to provide the ultimate in sanitary protection and automatic operation. A battery powered infrared sensor sets the flushing mechanism after the user is detected and completes the flush when the user steps away.

► Functional & Hygienic

Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The G2 Optima *Plus* Flushometer is provided with an Override Button to allow a "courtesy flush" for individual user comfort.

► Economical

Sloan installed batteries speed installation and provide years of metered flushing to control the use of water and energy. Batteries can be changed without turning off the water.

► Warranty

3 year (limited)



Listed by I.A.P.M.O.

This space for Architect/Engineer approval

Job Name _____	Date _____
Model Specified _____	Quantity _____
Variations Specified _____	
Customer/Wholesaler _____	
Contractor _____	
Architect _____	

Model

8115-1.28



► Description

Exposed, Battery Powered, Sensor Operated G2® Model Water Closet
Flushometer for floor mounted or wall hung top spud bowls.

► Flush Cycle

Model 8115-1.28 High Efficiency (1.28 gpf/4.8 Lpf)

Note: Valve may not function with all bowls. Be sure to verify flow requirements with bowl manufacturer or call Sloan Valve Company.

ELECTRICAL SPECIFICATIONS

► Control Circuit

Solid State
6 VDC Input
8 Second Arming Delay
3 Second Flush Delay

► OPTIMA Sensor Type

Active Infrared

► OPTIMA Sensor Range

Nominal 22" - 42" (559 mm - 1067 mm),
Adjustable $\pm 8"$ (203 mm)

► Battery Type

(4) Size AA Alkaline: Duracell® with
DURALOCK Power Preserve Technology™

► Battery Life

3 Years @ 4,000 Flushes/Month

► Indicator Lights

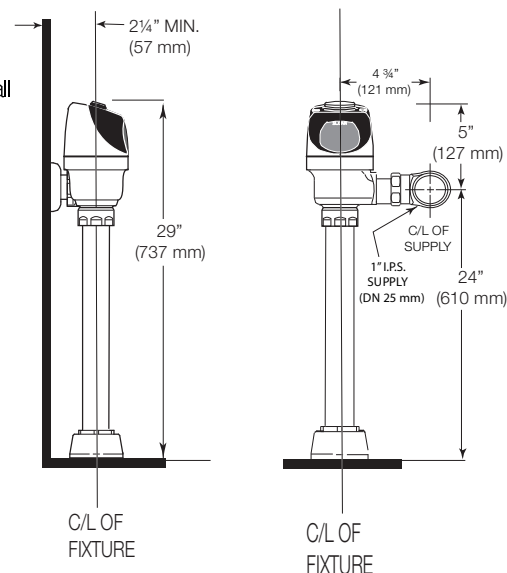
Range Adjustment/Low Battery

► Operating Pressure

15 - 100 psi (104 - 689 kPa)

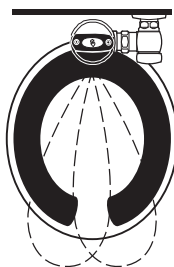
► Sentinel Flush

Once Every 24 Hours After the Last Flush

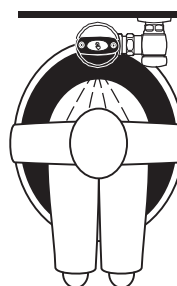


OPERATION

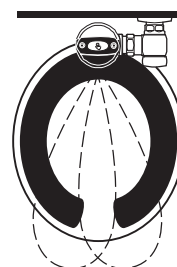
1. A continuous, invisible light beam is emitted from the OPTIMA Plus Sensor.



2. As the user enters the beam's effective range (22" to 42") the beam is reflected into the OPTIMA Plus Scanner Window and transformed into a low voltage electrical circuit. Once activated, the Output Circuit continues in a "hold" mode for as long as the user remains within the effective range of the Sensor.

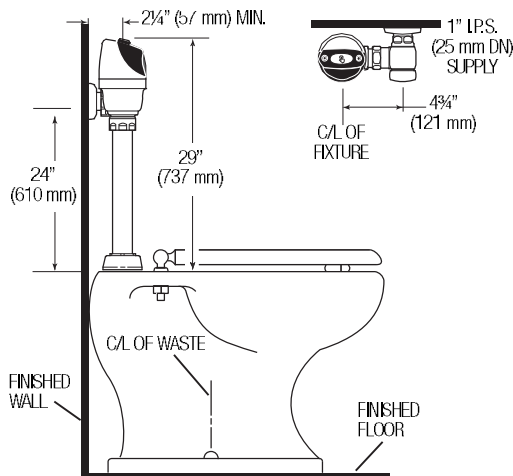


3. When the user steps away from the OPTIMA Plus Sensor, the circuit waits 3 seconds (to prevent false flushing) then initiates an electrical signal that operates the Solenoid. This initiates the flushing cycle to flush the fixture. The Circuit then automatically resets and is ready for the next user.



VALVE ROUGH-IN

Model 8115-1.28



The Model 8115 valve is designed for installations where the water supply is roughed-in 24" (610 mm) above the top of the water closet.

For new installations, Sloan strongly recommends the use of our Model 8111 which has a shorter installation height.

When installing the G2 Optima Plus 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.

SLOAN VALVE COMPANY • 10500 SEYMOUR AVENUE • FRANKLIN PARK, IL 60131

Phone: 1-800-982-5839 or 1-847-671-4300 • Fax: 1-800-447-8329 or 1-847-671-4380 • www.sloanvalve.com



Solid Plastic Seats Elongated

Institutional • Commercial • Hotel/Motel • Residential

800 SERIES

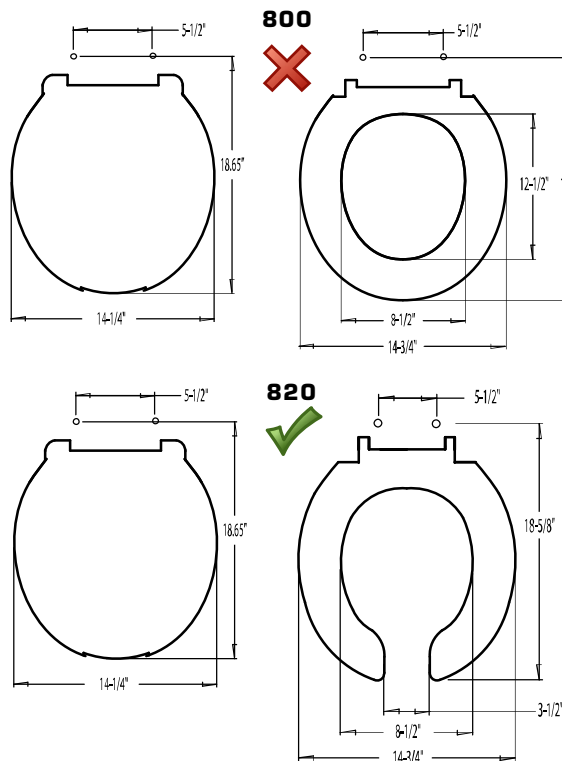


Available in Antimicrobial.
Available in Fire-Retardant.

820 SERIES



Available in Antimicrobial.
Available in Fire-Retardant.



DETAILS

800TM

Luxury closed front with cover for elongated bowl. Top-mount hinge. For residential and light-duty commercial use.

800STS

Extra heavy-duty, closed front with cover for elongated bowl. Stainless steel hinge.

800STSS

Extra heavy-duty, closed front with cover for elongated bowl. Stainless steel self-sustaining ring.

820TM

Light-duty commercial, open front with cover for elongated bowl. Top-mount hinge. For light-duty commercial use.

820STS

Extra heavy-duty, open front with cover for elongated bowl. Stainless steel hinge.

820STSS

Extra heavy-duty, open front with cover for elongated bowl. Self-sustaining, stainless steel hinge.

Standard Features:

- Impact-absorbing hinges
- Extended back with concealed hinge
- Integrally-molded, permanent and sanitary color-keyed bumpers
- Corrosion-free hardware
- Withstands cleansers, strong chemicals

Color	Code #	800 TM	800 STS	800 STSS	820 TM	820 STS	820 STSS
White	001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cotton/							
Crane White	301	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	
Linen/							
Biscuit	416	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	
Black	407	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	
Bone/							
Almond	106-A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Canada ☒ U.S. ☐



WHEELCHAIR USERS LAVATORY

VITREOUS CHINA

WHEELCHAIR USERS LAVATORY

- Vitreous china
- Wall mount sink
- Front overflow
- For concealed arms support (by others)
- Faucet ledge (faucet not included)

Faucet Holes on 102mm (4") centers

- ☐ **9141.011** Faucet holes on 102mm (4") centers (Illustrated)
- ☐ **9141.911** (Modification SKU) Faucet holes on 102mm (4") centers
 - Less overflow

Faucet Holes on 267mm (10-1/2") centers

- ☐ **9140.013** Faucet holes on 267mm (10-1/2") centers
- ☐ **9140.021** (Modification SKU) Faucet holes on 267mm (10-1/2") centers
 - Extra right-hand hole

Faucet Holes center hole only

- ☒ **9140.047** Center hole only

Nominal Dimensions:

508 x 686mm
(20" x 27")

Bowl Sizes:

14" (356mm) wide
14-3/4" (375mm) front to back
4-3/4" (121mm) deep

Compliance Certifications -

Meets or Exceeds the Following Specifications:

- ASME A112.19.2 for Vitreous China Fixtures



SEE REVERSE FOR ROUGHING-IN DIMENSIONS

To Be Specified:

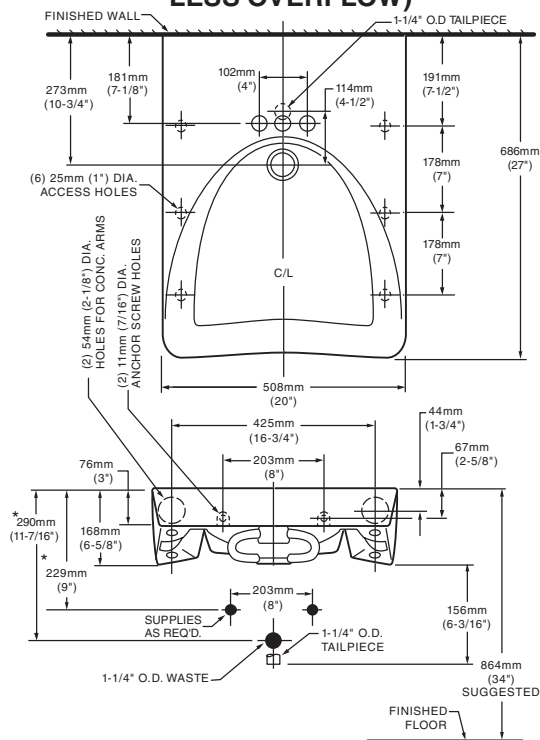
- ☒ Color: ☒ White
- ☐ Faucet*
- ☐ Faucet Finish:
- ☐ Supplies with Stop:
- ☐ 1-1/4" Trap:
- ☐ Nipple:
- ☐ Concealed Arms Support (by others):
- ☐ Offset Grid Drain Assembly:

* See faucet section for additional models available

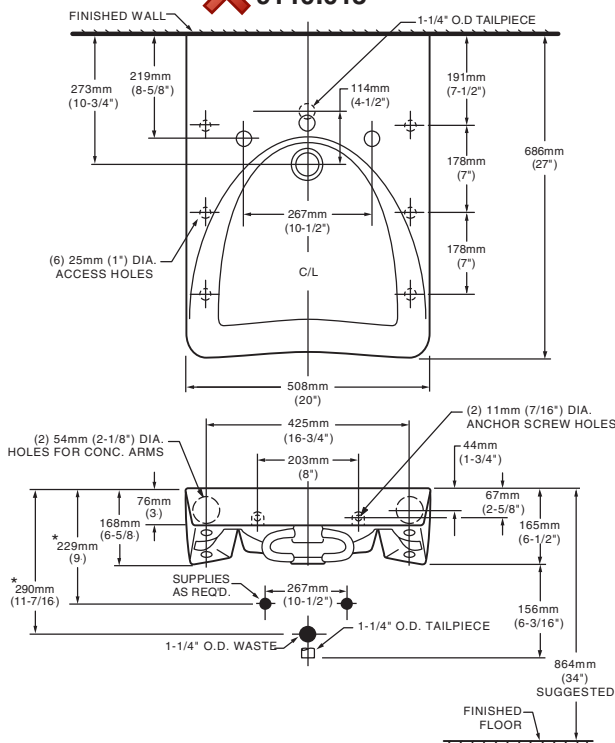


MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES - CHECK LOCAL CODES.
Top of front rim mounted 864mm (34") from finished floor.

9141.011 AND 9141.911 (MODIFICATION LESS OVERFLOW)



9140.013

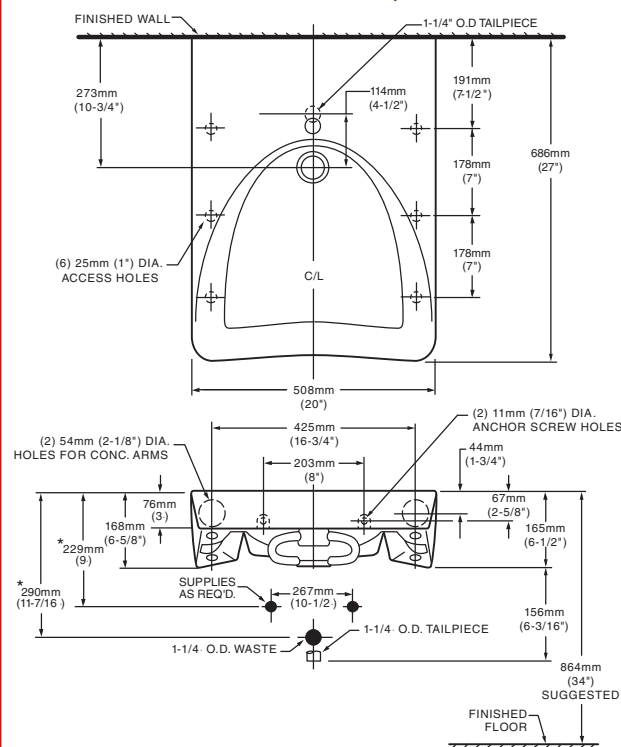


NOTES:

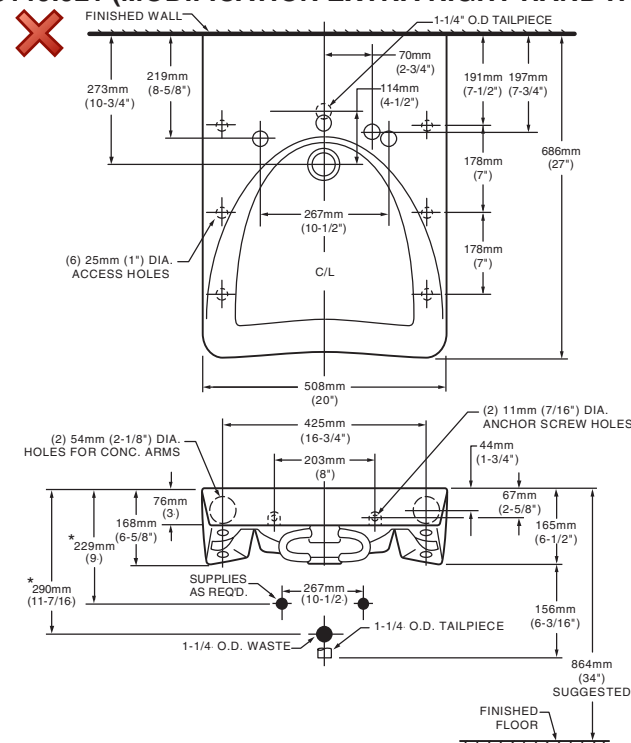
* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIES AND "P" TRAP ARE SUGGESTED.
CONCEALED ARM SUPPORT AS REQUIRED TO BE FURNISHED BY OTHERS.
FITTINGS NOT INCLUDED AND MUST BE ORDERED SEPARATELY.
PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORTS.

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.

9140.047



9140.021 (MODIFICATION EXTRA RIGHT HAND HOLE)



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

CODE NUMBER

3362124

DESCRIPTION

4" Trim Plate, Battery Power Supply, Back-Check Tee, Polished Chrome Finish, 0.5 gpm, Multi-Laminar Spray, Infrared Sensor, Sloan® Battery-Powered Deck-Mounted Mid Body Faucet.

DETAILS

- Flow Rate: 0.5 gpm (1.9 Lpm) (0.5GPM)
- Spray Type: Multi-Laminar (MLM)
- Spout Type: Pedestal
- Sensor Type: Infrared
- Mounting Type: Single Hole
- Trim Plate: 4" (102mm) (4)
- Power Supply: Battery (BAT)
- Temperature Mixer: Back-Check Tee (TEE)
- Finish: Polished Chrome (CP)
- Factory Default Timeout: 30 seconds
- Factory Default Gallons per Cycle: 0.25

FEATURES

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

- Adjustable Infrared Sensor Range
- 36" (914 mm) Long Sensor Cable
- 24" (610 mm) Long Flex Hose
- Filtered Solenoid Valve with serviceable Strainer Filter
- Includes Four (4) AA-size Batteries
- Includes appropriate Mounting Hardware

ELECTRICAL SPECIFICATIONS

- Battery Life: 2 years 8,000 cycles/month
- Timeout Adjustment Settings: 30s

VIDEOS

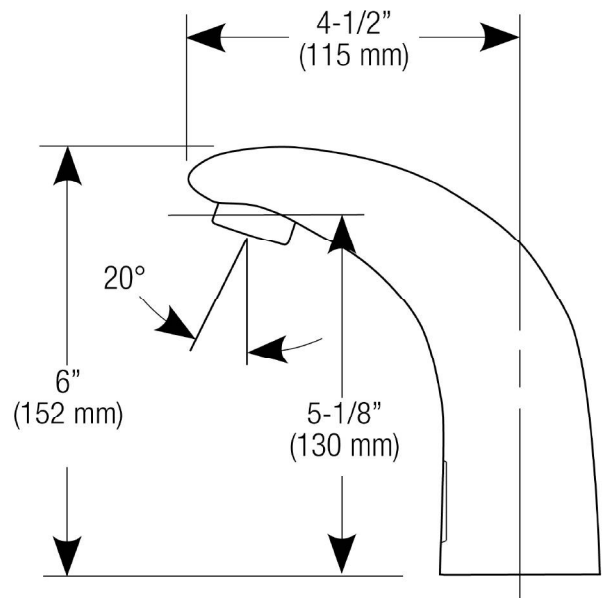
- ▶ SF-2100/2150/SF-2200/2250/SF-2300/2350/SF-2400/2450 Parts Breakdown
- ▶ SF-2100/2150/SF-2200/2250/SF-2300/2350/SF-2400/2450 Module Replacement
- ▶ SF-2100/2150/SF-2200/2250/SF-2300/2350/SF-2400/2450 Battery Replacement- Sensor Range Adjustment

DOWNLOADS

- SF Series Installation Instructions
- SF Series (FR) Installation Instructions
- SF Series (SP) Installation Instructions
- SFP 35-A Installation Instructions
- Trim Plate Guide
- SF-2400/2450 Repair and Maintenance Guide
- Faucet Spray Heads Repair and Maintenance Guide
- Additional Downloads



Variation not shown: 4" Trim Plate



COMPLIANCES & CERTIFICATIONS



(ADA Compliant, ASME A112.18.1 Compliant, CalGreen Compliant, CEC Compliant, cUPC Certified, cUPC Low Lead Compliant, GPC 0.25 or less, IAPMO, NSF-61, NYC604.4, Proposition 65, TAS, UPC Certified, UPC Low Lead Compliant, WaterSense Listed, WELL Building Standard)

NOTES

All information contained within this document subject to

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



SLOAN® SENSOR FAUCET
SF-2450-4-BAT-TEE-CP-0.5GPM-MLM-FCT
(General Model Name: SF2450-4 CP FCT PEDESTAL 4" BATTERY)

change without notice.

Looking for other variations of the SF-2450 product? View the general spec sheet with all options.

Find a matching soap dispenser for this faucet.

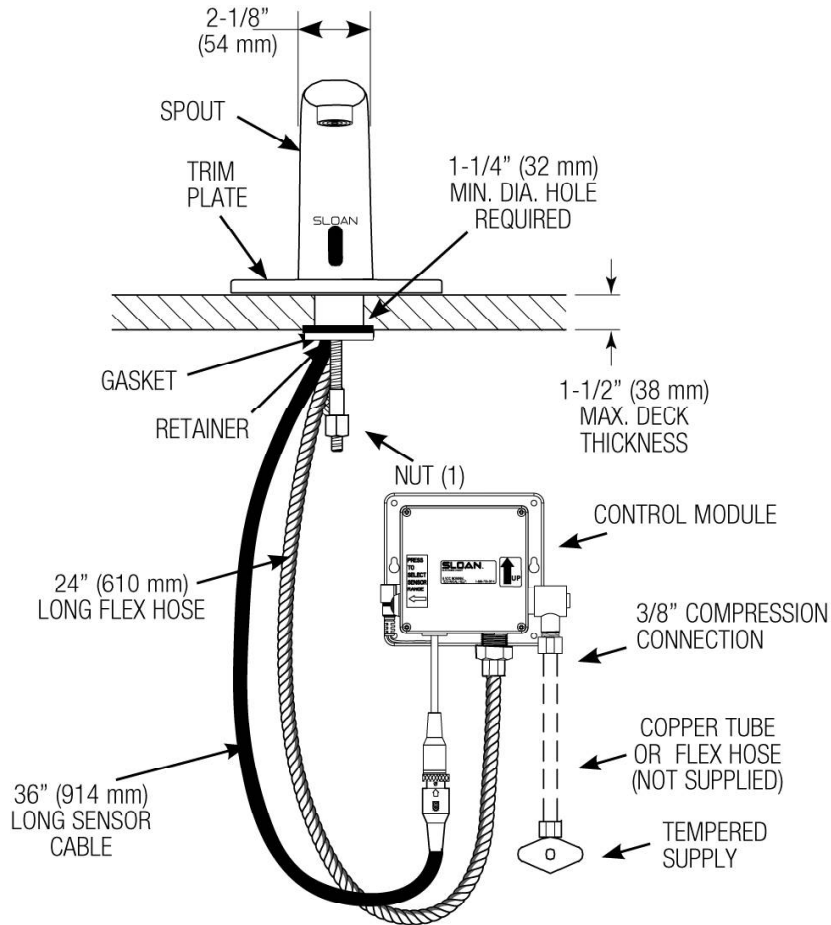
Find a compatible sink for this faucet.

WARRANTY

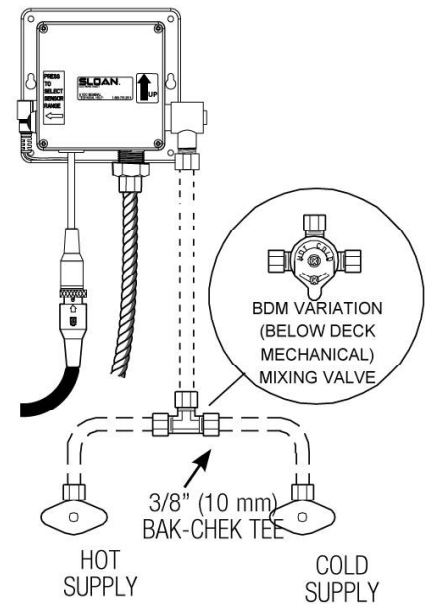
[View Warranty Information](#)

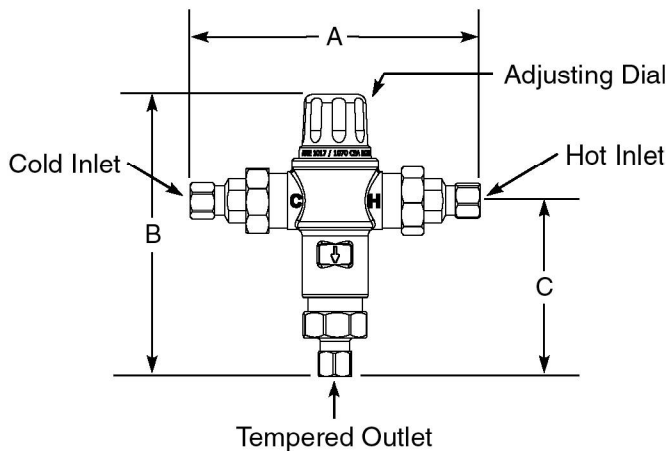
Sloan 10500 Seymour Ave, Franklin Park, IL 60131
Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com

ROUGH-IN



HOT AND COLD WATER SUPPLY APPLICATIONS (SPECIFY IN MODEL VARIATION)





Thermostatic Mixing Valve for Point of Use and Master Controlled Fixtures

Model 570

Unit No. 86820

Inlets & Outlet are $\frac{3}{8}$ " Compression Fit



ASSE 1017 & 1070 Approved



Certified to
CSA B125.3

The mixing valve for point of use master controlled fixtures shall be a nickel plated thermostatic mixing valve. The mixing valve shall be $\frac{3}{8}$ " Compression Fit. The mixing valve shall have a spindle to adjust outlet temperature. The mixing valve shall have internal checks. The mixing valve shall be Lawler model 570.

Specifications

- Outlet temperature range: 95-115°F.
- Temperature, hot supply: 180°F max.
- Temperature, cold supply: 40-80°F.
- Temperature stability (nominal): $\pm 5^\circ\text{F}$.
- Temperature differential (between hot supply and outlet temperature): 10°F.
- Hydrostatic pressure: 125 psi max.
- Permitted supply pressure variation: $\pm 20\%$.
- Flow rate @ 45psi pressure loss: 7 gpm.
- Flow rate, minimum: .5 gpm.
- Flow rate, maximum: 8 gpm.

Benefits

- Protects against scalding and chilling.
- Offers choice of temperature settings from 95° through 115°F.
- Easy installation.
- Backed by Lawler's One Year Warranty.
- ASSE 1017 & 1070 approved.

Engineer Approval ☐



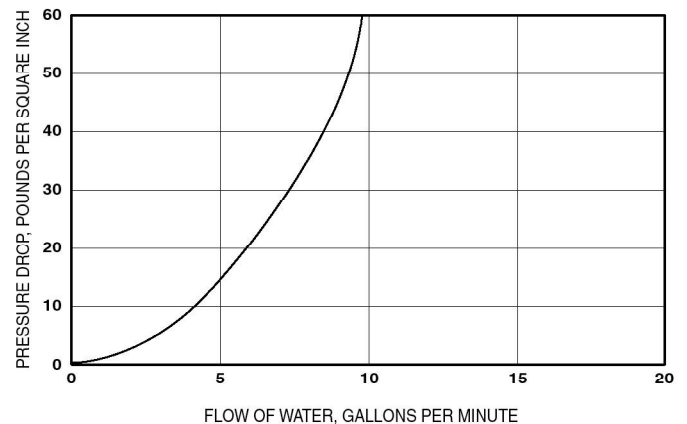
MANUFACTURING CO., INC.

5330 East 25th Street
Indianapolis, Indiana 46218
Phone (317) 261-1212
Fax (317) 261-1208

DIMENSIONS:

Valve Number	A	B	C
M 570	5.6"	5.4"	3.4"

FLOW CAPACITIES - MODEL 570



CAPACITIES - MODEL 570

Pressure Drop PSI	5	10	20	40
Valve Number	Capacity			
570-GPM	3	4	5	6.5
570-LPM	11	15	19	25

Temperature Adjustment

To adjust the mixed outlet temperature of the valve, remove the cap to gain access to the adjusting spindle. The spindle should be rotated-clockwise to reduce the temperature, counter-clockwise to increase the temperature until the desired set point is reached.

Note: For ASSE 1017 & 1070 applications.

Design and specification subject to change without notice.



McGuire Manufacturing Co., Inc.

60 Grandview Court
P.O. Box 746 • Cheshire, CT 06410
203-699-1801 • Fax: 203-699-1813
www.mcguiremfg.com

PRODUCT SPECIFICATION

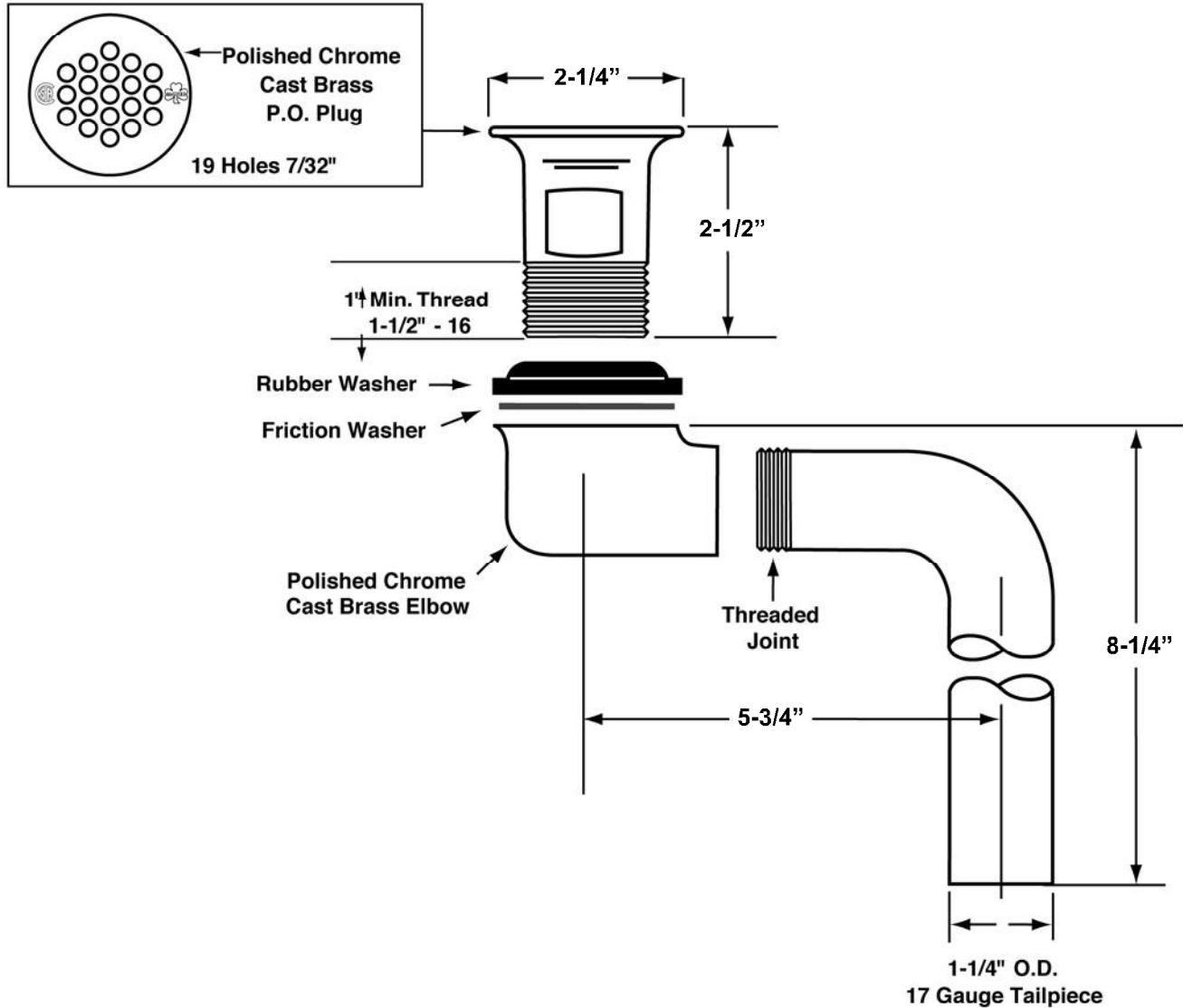
Part No.

155WC

Offset Lavatory Grid Strainer

Job Name:

Submittal Number:



A.D.A.



ASME A112.18.1-2011/CSA B125.2-11

Specifications:

Cast brass chrome plated offset wheelchair strainer with polished chrome cast brass elbow, 17GA 1-1/4" seamless brass offset tailpiece, rubber basin washer and fiber friction washer. Offset lavatory strainer shall be in compliance with CSA or other recognized testing authority and bear both manufacturer and testing mark.


McGUIRE MFG. CO., INC.

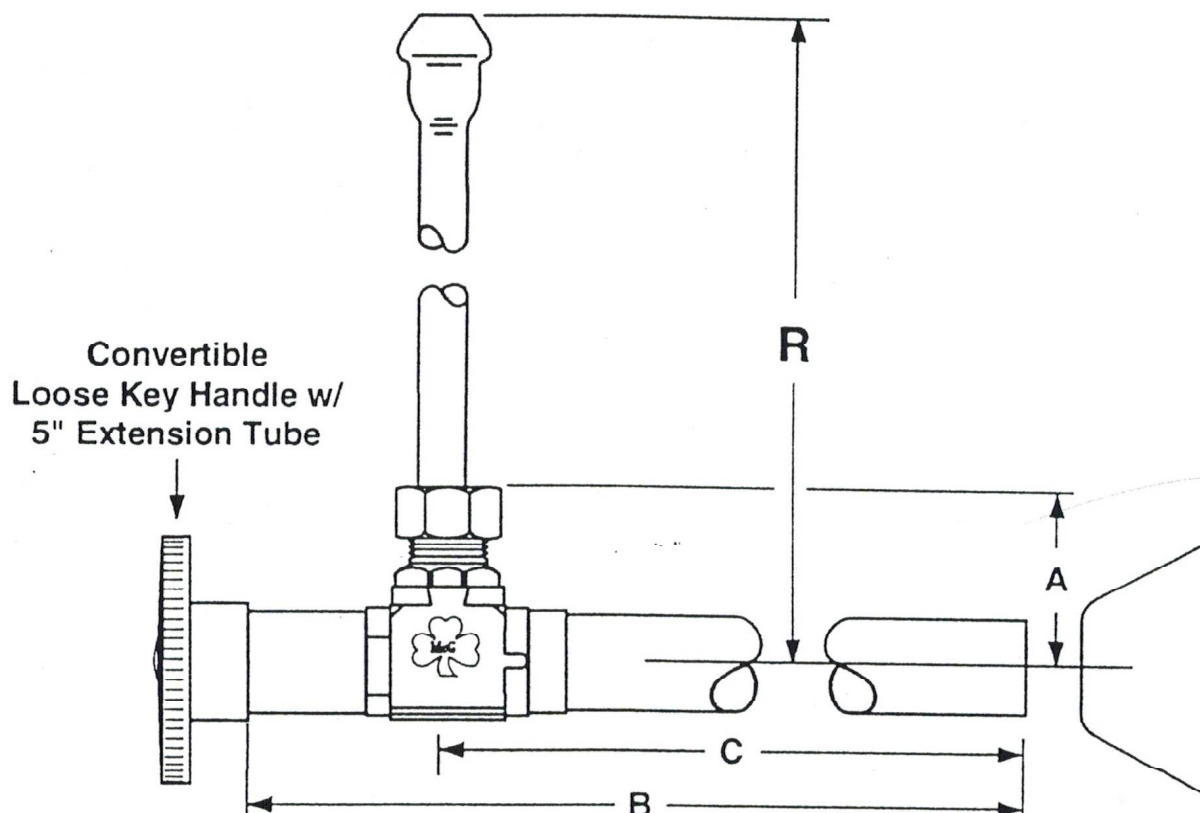
 60 Grandview Court
 P.O. Box 746 ♣ Cheshire, CT 06410
 203-699-1801 ♣ Fax 203-699-1813
 www.mcguiremfg.com

Product Specification
Part No.
H170LK-BV-RB

 Quarter-Turn Brass Ball Valve
 Lavatory Supply
 with 5" Extension

Job Name:
Submittal Number:

RB = SS Braided Risers

Convertible™


MODEL NO.	ROUGHING MEASUREMENTS	A	B	C	R
H170LK-BV	1/2" Sweat x 3/8" O.D.	1-1/4"	7-3/8"	5-13/16"	12, 15, 16, 20, 36

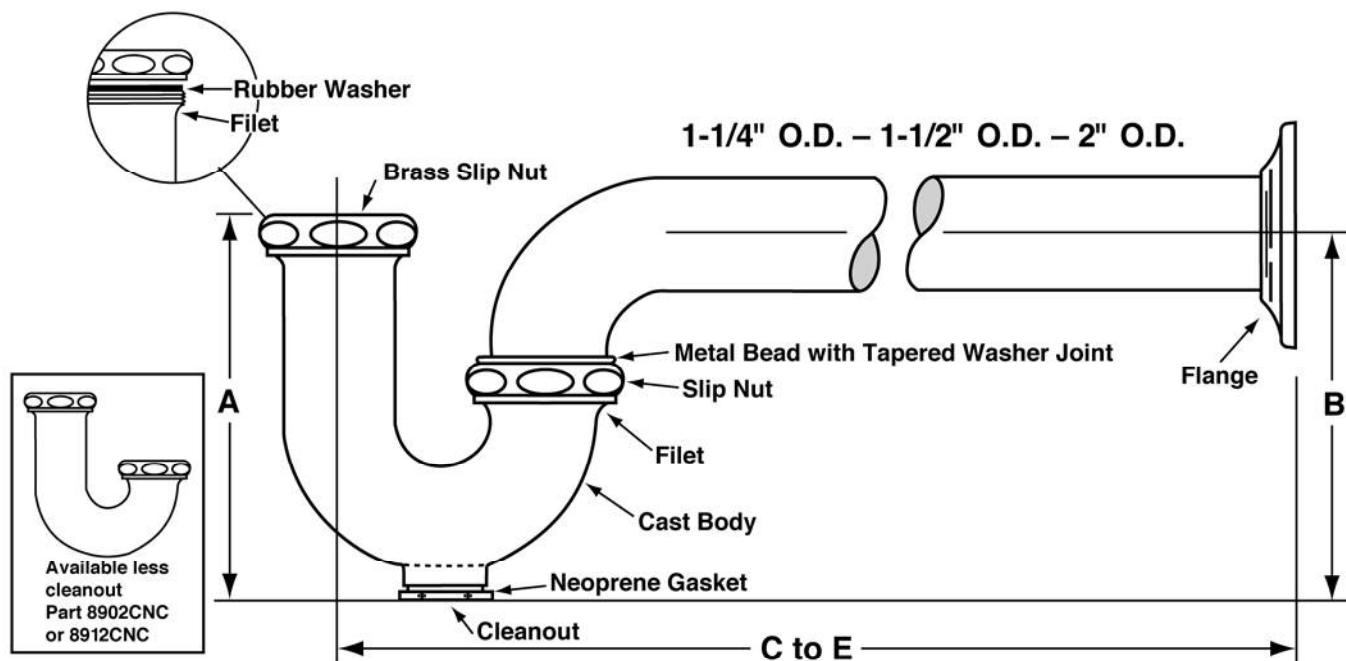
For braided stainless riser add suffix SS and number for length 12, 16, 20, 36.
 See options and accessories section for details on product variations.


Specifications:

Supply kit shall include commercial pattern chrome plated Quarter-Turn Brass Ball Valve with convertible loose key handle (chrome plated copper, or braided stainless risers) and (shallow, deep, bell) (steel, brass) or (forged brass with set screw) flange. Inlet shall be (1/2) inch (IPS, sweat, compression). Outlet shall be (3/8) inch (compression). Supply kit shall be McGuire _____. Supply kit shall be certified by CSA or other recognized testing authority and bear manufacturer and testing mark. Stop to be certified to 200 psi line pressure.


McGuire Manufacturing Co., Inc.

 60 Grandview Court
 P.O. Box 746 • Cheshire, CT 06410
 203-699-1801 • Fax: 203-699-1813
 www.mcguiremfg.com

PRODUCT SPECIFICATION
Part No.
**8872, 8902, 8902CNC,
8912, 8912CNC, 8903, 8904**
**Cast Body P-Trap
With or Without Cleanout**
Job Name:
Submittal Number:

PROFESSIONAL LINE
ROUGHING MEASUREMENTS

NO.	TRAP DIMENSIONS		A	B	C to E
	INLET	OUTLET			
8872 ✓	1-1/4"	1-1/4"	4-1/2"	4-1/4"	11-1/2"
8902	1-1/4"	1-1/2"	5"	5-1/2"	11-1/2"
8902CNC	1-1/4"	1-1/2"	4-5/8"	4-3/4"	11-1/2"
8912	1-1/2"	1-1/2"	5"	5-1/2"	11-1/2"
8912CNC	1-1/2"	1-1/2"	4-5/8"	4-1/8"	11-1/2"
8903	1-1/2"	2"	5"	6"	13-3/4"
8904	2"	2"	5"	6"	13-3/4"

FED SPEC W.W.P. 541
**CAST BRASS P TRAP
MINIMUM SEAL 2"**


See options and accessories section for details on product variations.

ASME A112.18.1-2011/CSA B125-2.11

Specifications:

P-Trap shall be chrome plated cast brass body (with, without) cleanout, with 17 gauge seamless tubular wall bend, cast brass slip nuts. Reducing washers shall be used with reducing cast brass nut. With (shallow, deep, bell) (steel, brass) or (forged brass with set screw) flange. P-Trap shall be McGuire "Classic" Professional Line (8872C, 8902C, 8912C, 8903, 8904). Trap shall be certified by CSA or other recognized testing authority. P-Trap shall bear manufacturer and testing mark.



McGuire Manufacturing Co., Inc.

60 Grandview Court
P.O. Box 746 • Cheshire, CT 06410
203-699-1801 • Fax: 203-699-1813
www.mcguiremfg.com

PRODUCT SPECIFICATION

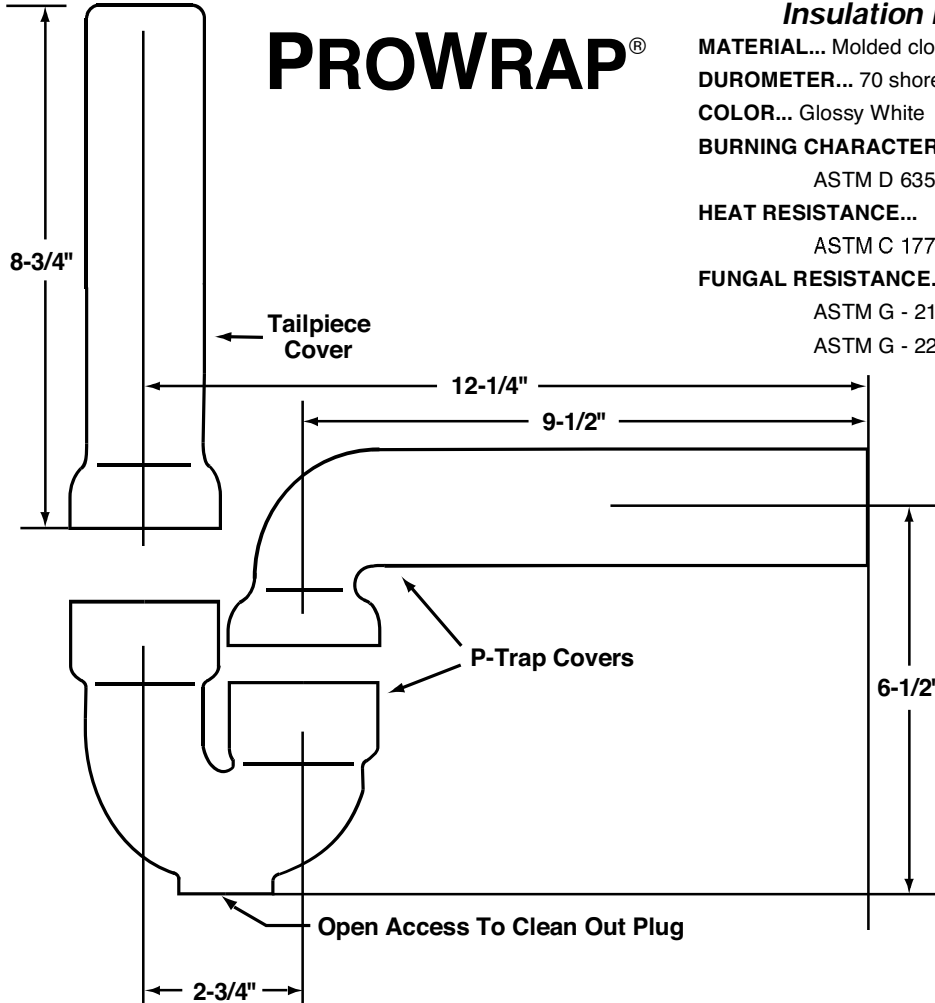
Part No.

PW2000, PW2000WC

**Seamless Retrofit
P-Trap Insulation Kit**

Job Name:

Submittal Number:



Insulation Material Specifications

MATERIAL... Molded closed cell vinyl (ANTI-MICROBIAL)

DUROMETER... 70 shore A

COLOR... Glossy White

BURNING CHARACTERISTICS...

ASTM D 635: Less than 5 sec (ATB) 10mm (AEB)

HEAT RESISTANCE...

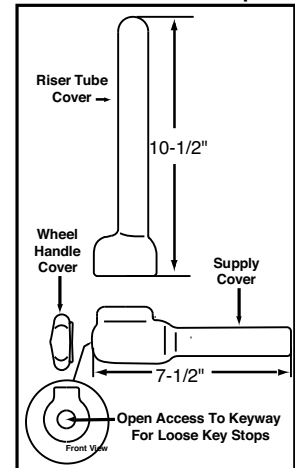
ASTM C 177: BTU - in/hr - ft 2 - °F KValue = 1.02

FUNGAL RESISTANCE...

ASTM G - 21: (Rating*) 0 fungal growth measured

ASTM G - 22: (Rating*) 0 bacterial growth measured

**Supply Covers (1 pair)
Included With All P-Trap Kits**



*ASTM Rating - Observed Growth on Specimens

- 0 None
- 1 Traces of Growth (less than 10%)
- 2 Light Growth (10-30%)
- 3 Medium Growth (30-60%)
- 4 Heavy Growth (60%-complete coverage)

Environmental Controls:

Paper - 4, Cork - 1, Cotton - 4, Glass - 0

MODEL NO.	DESCRIPTION
PW2000	For 1-1/4" & 1-1/2" P-Traps
PW2000WC	For 1-1/4" & 1-1/2" P-Traps with offset drain assembly

Note: PW2000 Retrofit Kit will accommodate 1-1/4" OR 1-1/2" brass P-traps.

MADE IN USA
U.S. PATENT
5,341,830 5,586,568
5,904,175 5,911,237
5,795,623 5,678,598

A.D.A.



See options and accessories section for details on product variations.

Specifications:

Seamless Retrofit P-Trap Insulation Kit furnished with seamless riser tube covers, supply angle stop covers, seamless drain tailpiece cover and angle stop wheel handle covers.

LUCERNE™ WALL-HUNG LAVATORY

- Wall-hung sink
- Vitreous china
- Front overflow
- D-shaped bowl
- Self-draining deck area with contoured back and side splash shields
- Faucet ledge

Faucet holes on 203mm (8") centers (Illus.):

- ☐ **0356.028** For exposed bracket support
Shown with 4801.862 Amarilis Heritage faucet with Triune Cross handles (not included)
- ☐ **0356.015** For wall hanger (included) or concealed arms support
- ☐ **0356.037** For wall hanger (included) or concealed arms support
 - Extra right-hand hole
- ☐ **0356.073** For wall hanger (included) or concealed arms support
 - Extra left-hand hole

Faucet holes on 102mm (4") centers:

- ☐ **0355.027** For exposed bracket support
- ☐ **0355.012** For wall hanger (included) or concealed arms support
- ☐ **0355.034** For wall hanger (included) or concealed arms support
 - Extra right-hand hole
- ☐ **0355.056** For wall hanger (included) or concealed arms support
 - Extra left-hand hole

Single center faucet hole (Illus.):

- ☐ **0356.041** For exposed bracket support
Shown with 1340.000 metering faucet (not included)
- ☒ **0356.421** For wall hanger (included) or concealed arms support
- ☐ **0356.137** For wall hanger (included) or concealed arms support
 - Extra right-hand hole
- ☐ **0356.115** For wall hanger (included) or concealed arms support
 - Extra left-hand hole

Nominal Dimensions:

521 x 464mm
(20-1/2" x 18-1/4")

Bowl sizes:

381mm (15") wide
254mm (10") front to back
165mm (6-1/2") deep

Compliance Certifications -

Meets or Exceeds the Following Specifications:

- ASME A112.19.2 for Vitreous China Fixtures



0356.028



0356.041

SEE REVERSE FOR ROUGHING-IN DIMENSIONS

To Be Specified:

- ☒ Color: ☒ White ☐ Bone ☐ Silver
- ☐ Black ☐ Linen

- ☐ Faucet*:
- ☐ Faucet Finish:
- ☐ Supplies:
- ☐ 1-1/4" Trap:
- ☐ Nipple:
- ☐ Bracket Support (by others):
- ☐ Concealed Arms Support (by others):

* See faucet section for additional models available



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.

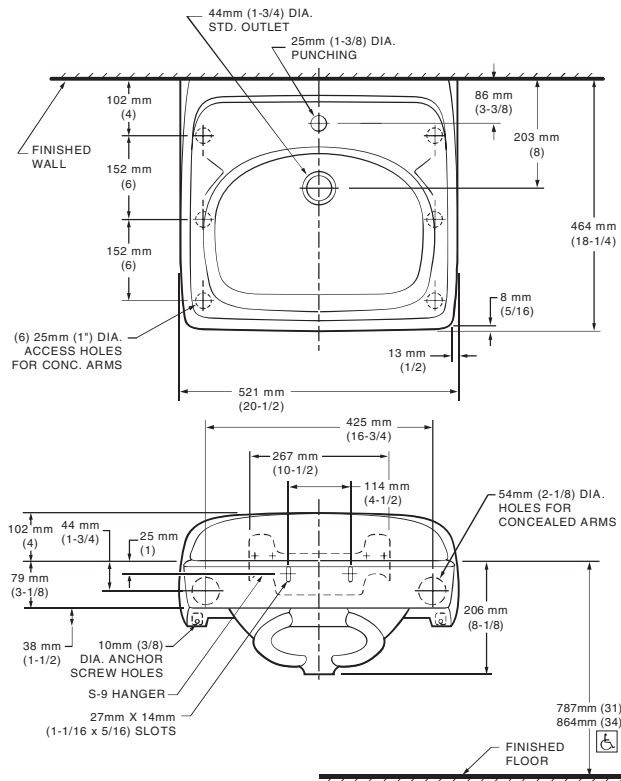
American Standard

Style That Works Better

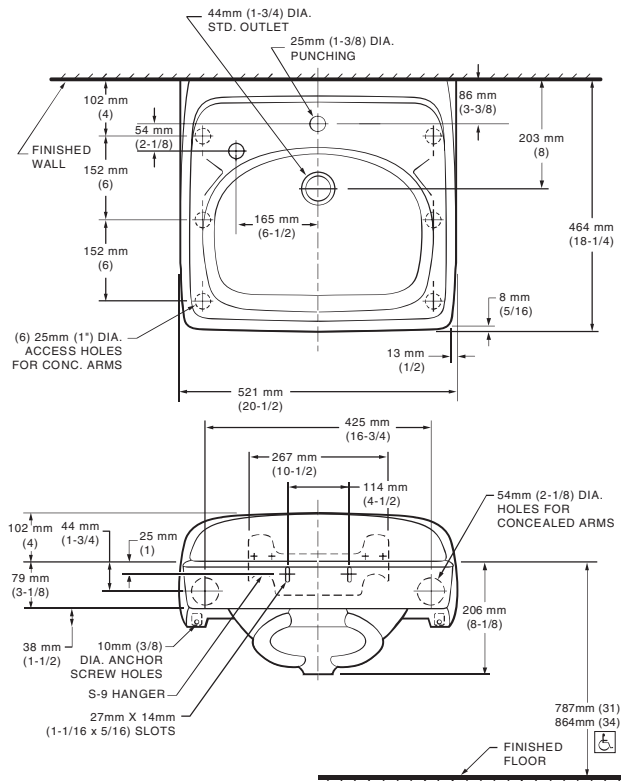
 BARRIER FREE

LUCERNE™ WALL-HUNG LAVATORY VITREOUS CHINA

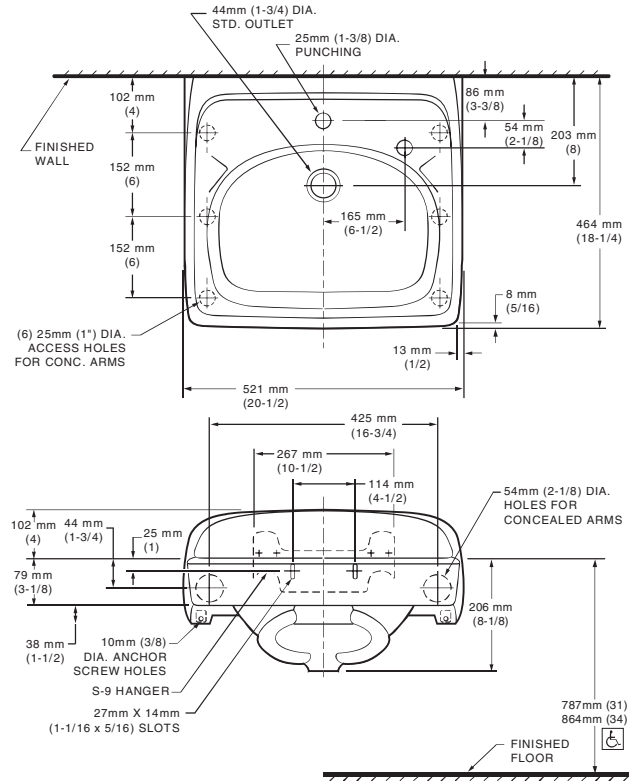
0356.421 SINGLE CENTER HOLE FOR WALL HANGER OR CONCEALED ARMS



0356.115 SINGLE CENTER HOLE FOR WALL HANGER OR CONCEALED ARMS WITH EXTRA LEFT HAND HOLE



0356.137 SINGLE CENTER HOLE FOR WALL HANGER OR CONCEALED ARMS WITH EXTRA RIGHT HAND HOLE



NOTES:

* DIMENSIONS SHOWN FOR LOCATION OF SUPPLIES AND "P" TRAP ARE SUGGESTED. PROVIDE SUITABLE REINFORCEMENT FOR ALL WALL SUPPORTS. FITTINGS NOT INCLUDED AND MUST BE ORDERED SEPARATELY. CONCEALED ARM SUPPORT AS REQUIRED TO BE FURNISHED 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.



LAVATORY DESIGNED TO MEET ADA HANDICAPPED GUIDELINES WITH MOUNTING HEIGHT SET AT 864MM (34") ABOVE FINISHED FLOOR.

CODE NUMBER

3362124

DESCRIPTION

4" Trim Plate, Battery Power Supply, Back-Check Tee, Polished Chrome Finish, 0.5 gpm, Multi-Laminar Spray, Infrared Sensor, Sloan® Battery-Powered Deck-Mounted Mid Body Faucet.

DETAILS

- Flow Rate: 0.5 gpm (1.9 Lpm) (0.5GPM)
- Spray Type: Multi-Laminar (MLM)
- Spout Type: Pedestal
- Sensor Type: Infrared
- Mounting Type: Single Hole
- Trim Plate: 4" (102mm) (4)
- Power Supply: Battery (BAT)
- Temperature Mixer: Back-Check Tee (TEE)
- Finish: Polished Chrome (CP)
- Factory Default Timeout: 30 seconds
- Factory Default Gallons per Cycle: 0.25

FEATURES

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

- Adjustable Infrared Sensor Range
- 36" (914 mm) Long Sensor Cable
- 24" (610 mm) Long Flex Hose
- Filtered Solenoid Valve with serviceable Strainer Filter
- Includes Four (4) AA-size Batteries
- Includes appropriate Mounting Hardware

ELECTRICAL SPECIFICATIONS

- Battery Life: 2 years 8,000 cycles/month
- Timeout Adjustment Settings: 30s

VIDEOS

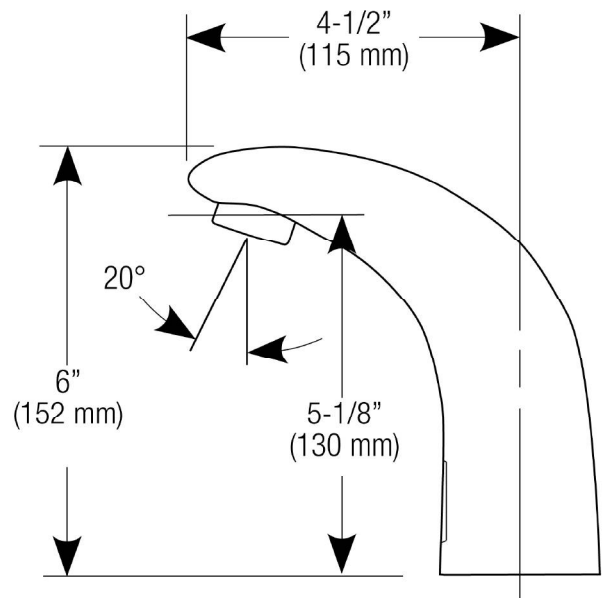
- ▶ SF-2100/2150/SF-2200/2250/SF-2300/2350/SF-2400/2450 Parts Breakdown
- ▶ SF-2100/2150/SF-2200/2250/SF-2300/2350/SF-2400/2450 Module Replacement
- ▶ SF-2100/2150/SF-2200/2250/SF-2300/2350/SF-2400/2450 Battery Replacement- Sensor Range Adjustment

DOWNLOADS

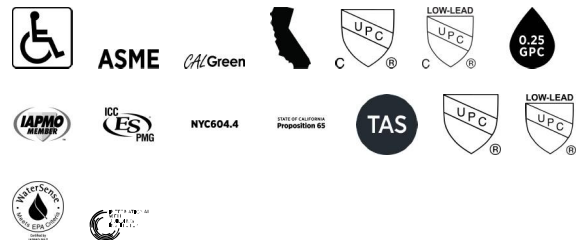
- SF Series Installation Instructions
- SF Series (FR) Installation Instructions
- SF Series (SP) Installation Instructions
- SFP 35-A Installation Instructions
- Trim Plate Guide
- SF-2400/2450 Repair and Maintenance Guide
- Faucet Spray Heads Repair and Maintenance Guide
- Additional Downloads



Variation not shown: 4" Trim Plate



COMPLIANCES & CERTIFICATIONS



(ADA Compliant, ASME A112.18.1 Compliant, CalGreen Compliant, CEC Compliant, cUPC Certified, cUPC Low Lead Compliant, GPC 0.25 or less, IAPMO, NSF-61, NYC604.4, Proposition 65, TAS, UPC Certified, UPC Low Lead Compliant, WaterSense Listed, WELL Building Standard)

NOTES

All information contained within this document subject to

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



L

SLOAN® SENSOR FAUCET
SF-2450-4-BAT-TEE-CP-0.5GPM-MLM-FCT
(General Model Name: SF2450-4 CP FCT PEDESTAL 4" BATTERY)

change without notice.

Looking for other variations of the SF-2450 product? View the general spec sheet with all options.

Find a matching soap dispenser for this faucet.

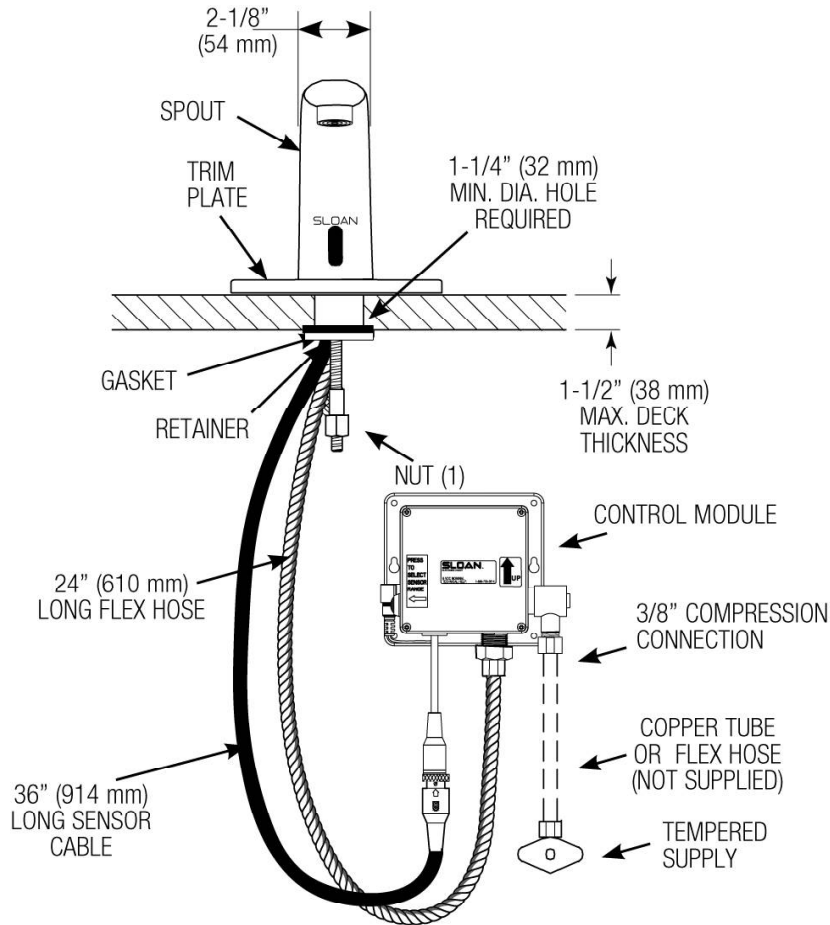
Find a compatible sink for this faucet.

WARRANTY

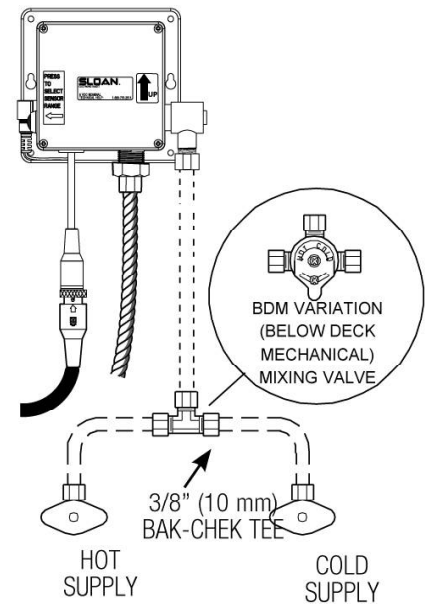
[View Warranty Information](#)

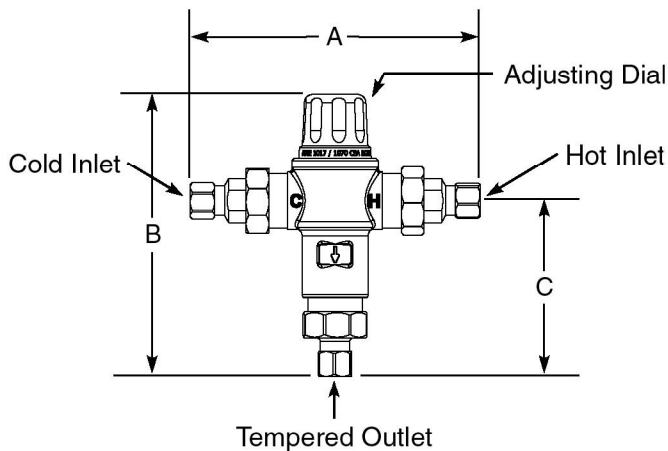
Sloan 10500 Seymour Ave, Franklin Park, IL 60131
Phone: 800.982.5839 • Fax: 800.447.8329 • sloan.com

ROUGH-IN



**HOT AND COLD WATER
 SUPPLY APPLICATIONS**
 (SPECIFY IN MODEL VARIATION)





Thermostatic Mixing Valve for Point of Use and Master Controlled Fixtures

Model 570

Unit No. 86820

Inlets & Outlet are $\frac{3}{8}$ " Compression Fit



ASSE 1017 & 1070 Approved



Certified to
CSA B125.3

The mixing valve for point of use master controlled fixtures shall be a nickel plated thermostatic mixing valve. The mixing valve shall be $\frac{3}{8}$ " Compression Fit. The mixing valve shall have a spindle to adjust outlet temperature. The mixing valve shall have internal checks. The mixing valve shall be Lawler model 570.

Specifications

- Outlet temperature range: 95-115°F.
- Temperature, hot supply: 180°F max.
- Temperature, cold supply: 40-80°F.
- Temperature stability (nominal): $\pm 5^\circ\text{F}$.
- Temperature differential (between hot supply and outlet temperature): 10°F.
- Hydrostatic pressure: 125 psi max.
- Permitted supply pressure variation: $\pm 20\%$.
- Flow rate @ 45psi pressure loss: 7 gpm.
- Flow rate, minimum: .5 gpm.
- Flow rate, maximum: 8 gpm.

Benefits

- Protects against scalding and chilling.
- Offers choice of temperature settings from 95° through 115°F.
- Easy installation.
- Backed by Lawler's One Year Warranty.
- ASSE 1017 & 1070 approved.

Engineer Approval ☐



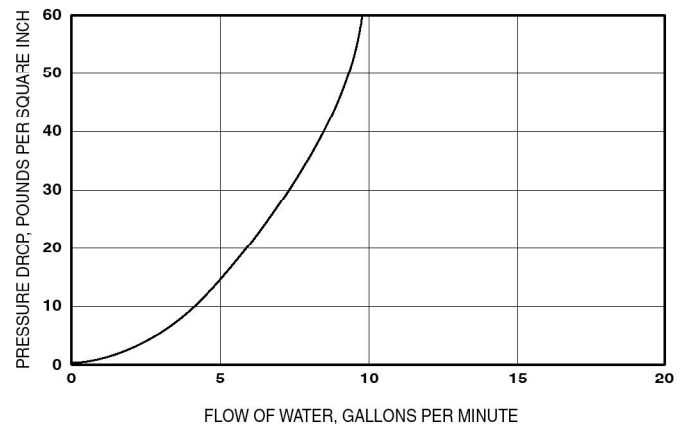
MANUFACTURING CO., INC.

5330 East 25th Street
Indianapolis, Indiana 46218
Phone (317) 261-1212
Fax (317) 261-1208

DIMENSIONS:

Valve Number	A	B	C
M 570	5.6"	5.4"	3.4"

FLOW CAPACITIES - MODEL 570



CAPACITIES - MODEL 570

Pressure Drop PSI	5	10	20	40
Valve Number	Capacity			
570-GPM	3	4	5	6.5
570-LPM	11	15	19	25

Temperature Adjustment

To adjust the mixed outlet temperature of the valve, remove the cap to gain access to the adjusting spindle. The spindle should be rotated-clockwise to reduce the temperature, counter-clockwise to increase the temperature until the desired set point is reached.

Note: For ASSE 1017 & 1070 applications.

Design and specification subject to change without notice.



McGuire Manufacturing Co., Inc.

60 Grandview Court
P.O. Box 746 • Cheshire, CT 06410
203-699-1801 • Fax: 203-699-1813
www.mcguiremfg.com

PRODUCT SPECIFICATION

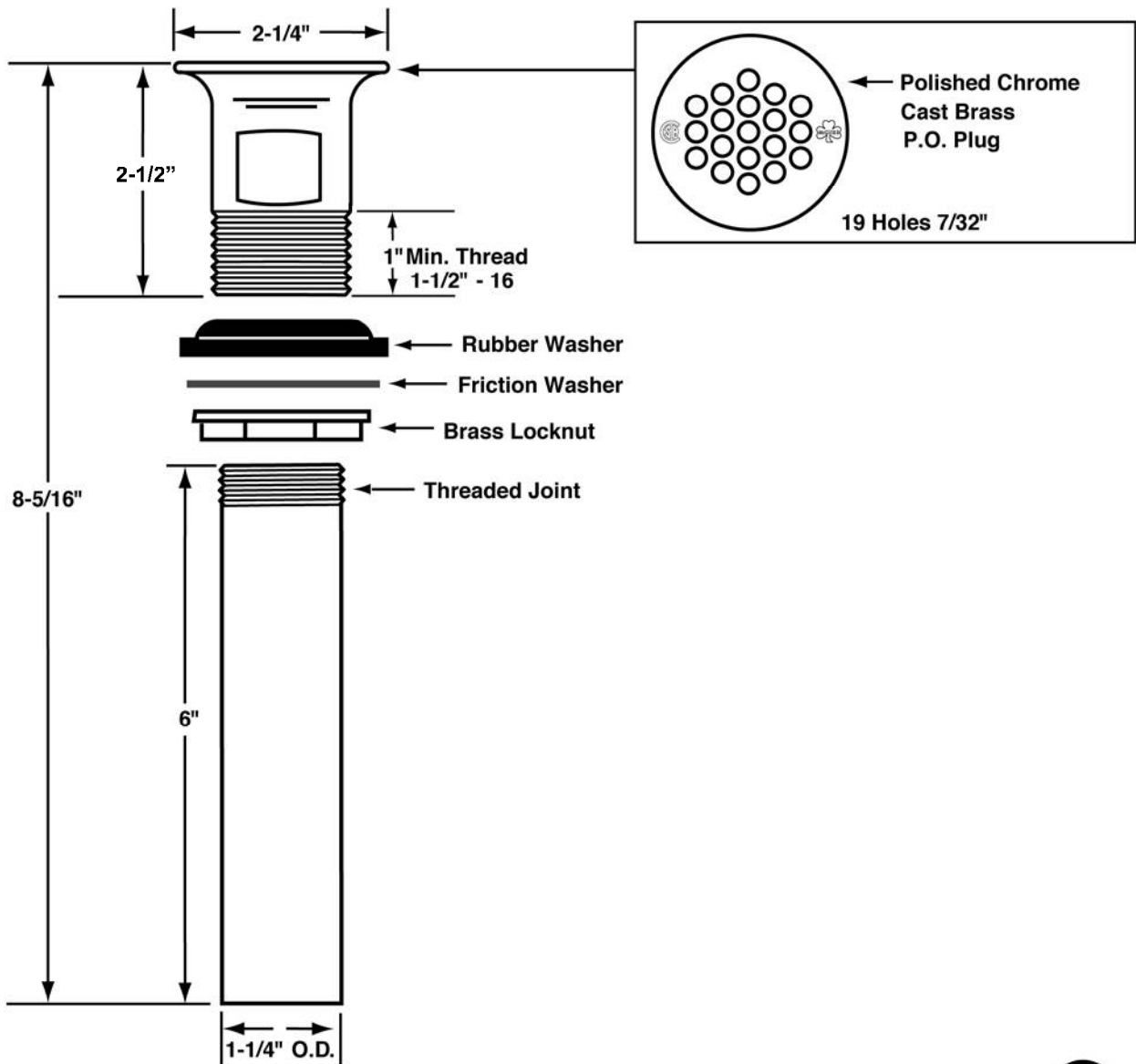
Part No.

155A

Open Grid P.O. Plug

Job Name:

Submittal Number:



See options and accessories section for details on product variations

ASME A112.18.1-2011/CSA B125.1-11



Specifications:

Cast brass chrome plated open grid P.O. plug with 17GA 1-1/4" x 6" seamless brass tailpiece, brass lock nut, heavy rubber basin washer and fiber friction washer. P.O. plug shall be in compliance with CSA or other recognized testing authority and bear both manufacturer and testing mark.



McGUIRE MFG. CO., INC.

60 Grandview Court
P.O. Box 746 ♣ Cheshire, CT 06410
203-699-1801 ♣ Fax 203-699-1813
www.mcguiremfg.com

Product Specification

Part No.

H170LK-BV-RB

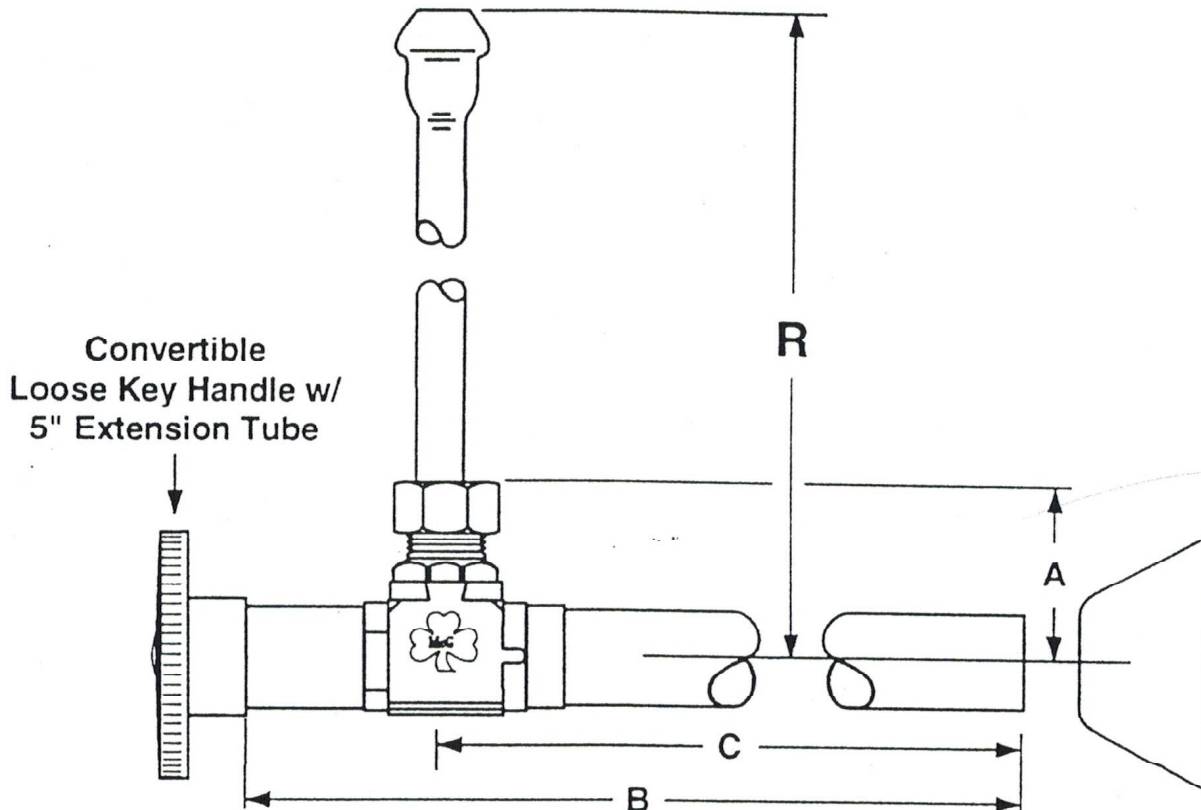
Quarter-Turn Brass Ball Valve
Lavatory Supply
with 5" Extension

Job Name: _____

Submittal Number: _____

RB = SS Braided Risers

Convertible™



MODEL NO.	ROUGHING MEASUREMENTS	A	B	C	R
H170LK-BV	1/2" Sweat x 3/8" O.D.	1-1/4"	7-3/8"	5-13/16"	12, 15, 16, 20, 36

For braided stainless riser add suffix SS and number for length 12, 16, 20, 36.
See options and accessories section for details on product variations.



Specifications:

Supply kit shall include commercial pattern chrome plated Quarter-Turn Brass Ball Valve with convertible loose key handle (chrome plated copper, or braided stainless risers) and (shallow, deep, bell) (steel, brass) or (forged brass with set screw) flange. Inlet shall be (1/2) inch (IPS, sweat, compression). Outlet shall be (3/8) inch (compression). Supply kit shall be McGuire _____. Supply kit shall be certified by CSA or other recognized testing authority and bear manufacturer and testing mark. Stop to be certified to 200 psi line pressure.



McGuire Manufacturing Co., Inc.

60 Grandview Court
P.O. Box 746 • Cheshire, CT 06410
203-699-1801 • Fax: 203-699-1813
www.mcguiremfg.com

PRODUCT SPECIFICATION

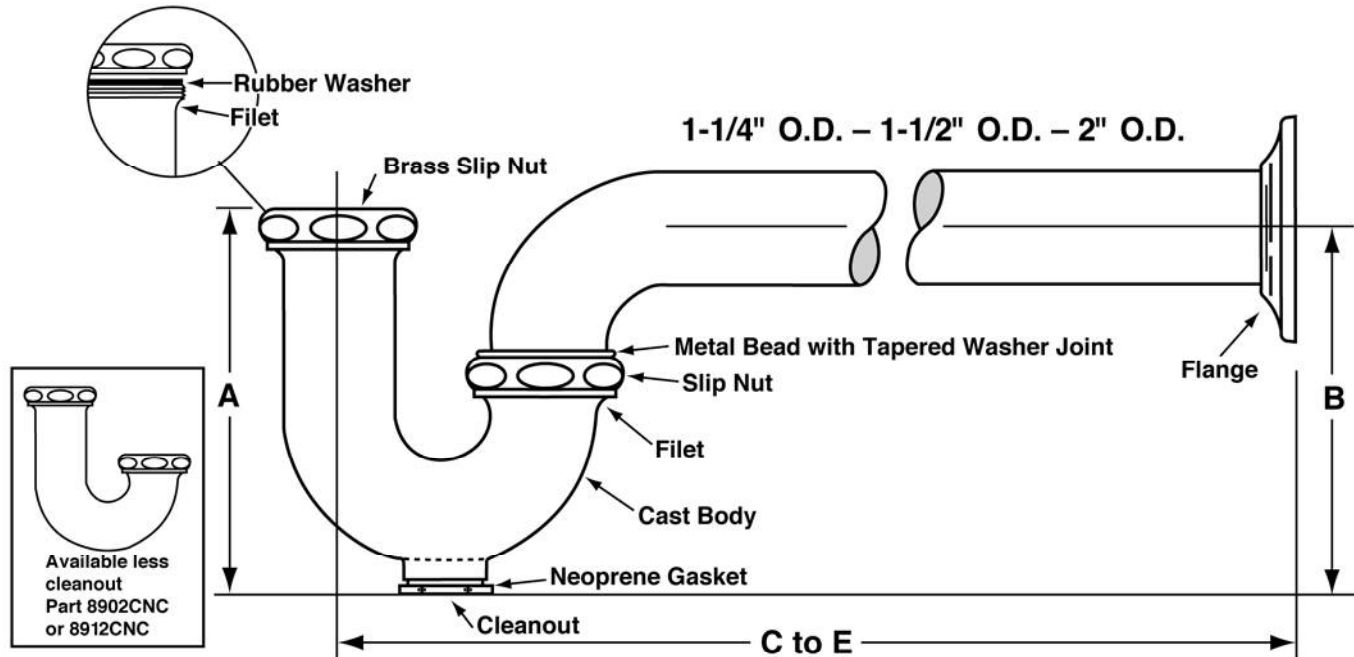
Part No.

8872, 8902, 8902CNC,
8912, 8912CNC, 8903, 8904

Cast Body P-Trap
With or Without Cleanout

Job Name: _____

Submittal Number: _____



PROFESSIONAL LINE

ROUGHING MEASUREMENTS

NO.	TRAP DIMENSIONS		A	B	C to E
	INLET	OUTLET			
8872 ✓	1-1/4"	1-1/4"	4-1/2"	4-1/4"	11-1/2"
8902	1-1/4"	1-1/2"	5"	5-1/2"	11-1/2"
8902CNC	1-1/4"	1-1/2"	4-5/8"	4-3/4"	11-1/2"
8912	1-1/2"	1-1/2"	5"	5-1/2"	11-1/2"
8912CNC	1-1/2"	1-1/2"	4-5/8"	4-1/8"	11-1/2"
8903	1-1/2"	2"	5"	6"	13-3/4"
8904	2"	2"	5"	6"	13-3/4"

FED SPEC W.W.P. 541

CAST BRASS P TRAP
MINIMUM SEAL 2"



See options and accessories section for details on product variations.

ASME A112.18.1-2011/CSA B125-2.11

Specifications:

P-Trap shall be chrome plated cast brass body (with, without) cleanout, with 17 gauge seamless tubular wall bend, cast brass slip nuts. Reducing washers shall be used with reducing cast brass nut. With (shallow, deep, bell) (steel, brass) or (forged brass with set screw) flange. P-Trap shall be McGuire "Classic" Professional Line (8872C, 8902C, 8912C, 8903, 8904). Trap shall be certified by CSA or other recognized testing authority. P-Trap shall bear manufacturer and testing mark.


QCLA2027L/8
QCLA2027R/8

QCLA2027L/8 SHOWN

Included Accessories


CATW

Optional Accessories


DBR10S



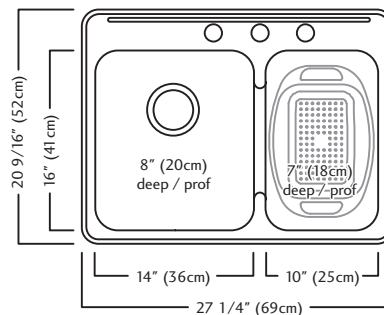
MB1610



BC10S



BG13S



QCLA2027L/8 AND QCLA2027R/8 SPECIFICATION

Model QCLA2027L/8 (small bowl left) QCLA2027R/8 (small bowl right) is a large bowl/small bowl sink with Spillway and faucet ledge manufactured by Franke Kindred Canada Limited from 20 gauge, 18-8 stainless steel. Product has a bright mirror finished rim and satin finished bowls. Sink is fully undercoated. Basket strainer waste fittings (3 1/2", 89 mm) and installation kit are included. Sink is backed with a limited buyer lifetime warranty.

- O.D. 20 9/16" x 27 1/4" x 8" (small bowl is 7" deep) 52 x 69 x 20 cm (small bowl is 18 cm deep)
- **Recommended for minimum 30" cabinet**

QCLA2027R/8/3	3 hole, 1 1/2" diameter, 4" center-to-center	FUN#101.0202.031
QCLA2027R/8/1	1 hole on centre	FUN#101.0202.029
QCLA2027L/8/3	3 hole, 1 1/2" diameter, 4" center-to-center	FUN#101.0202.172
QCLA2027L/8/1	1 hole on center	FUN#101.0202.160

MECHANICAL FAUCETS

1100-GN8AE35-317AB

Manual Faucets

Product Type

Deck Mounted 8" Fixed Centers Hot and Cold Water Sink Faucet

Features & Specifications

- 8" Fixed Centers
- 8" Rigid / Swing Gooseneck Spout
- 1.5 GPM (5.7 L/min) Aerator
- 4" Vandal Proof Wristblade Handle
- Quatum Compression Operating Cartridge
- 1/2" NPSM Supply Inlets and Coupling Nut for 3/8" or 1/2" Flexible Riser
- ECAST® design provides durable construction with total lead content equal to or less than 0.25% by weighted average
- CFNow! Item Ships in 3 Days

Performance Specification

- Rated Operating Pressure: 20-125 PSI
- Rated Operating Temperature: 40-140°F

Warranty

- Lifetime Limited Faucet Warranty
- 5-Year Limited Cartridge Warranty
- 1-Year Limited Finish Warranty

Codes & Standards

- ASME A112.18.1/CSA B125.1
- Certified to NSF/ANSI 61, Section 9 by CSA
- California Health and Safety Code 116875 (AB1953-2006)
- Vermont Bill S.152
- NSF/ANSI 372 Low Lead Content
- ADA ANSI/ICC A117.1
- CALGreen

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

☐ Submitted as Shown

☐ Submitted with Variations

Date _____



ECAST

ECAST products are intended for installation where state laws and local codes mandate lead content levels or in any location where lead content is a concern.

2100 South Clearwater Drive
 Des Plaines, IL
 P: 847/803-5000
 F: 847/803-5454
 Technical: 800/TEC-TRUE
 www.chicagofaucets.com



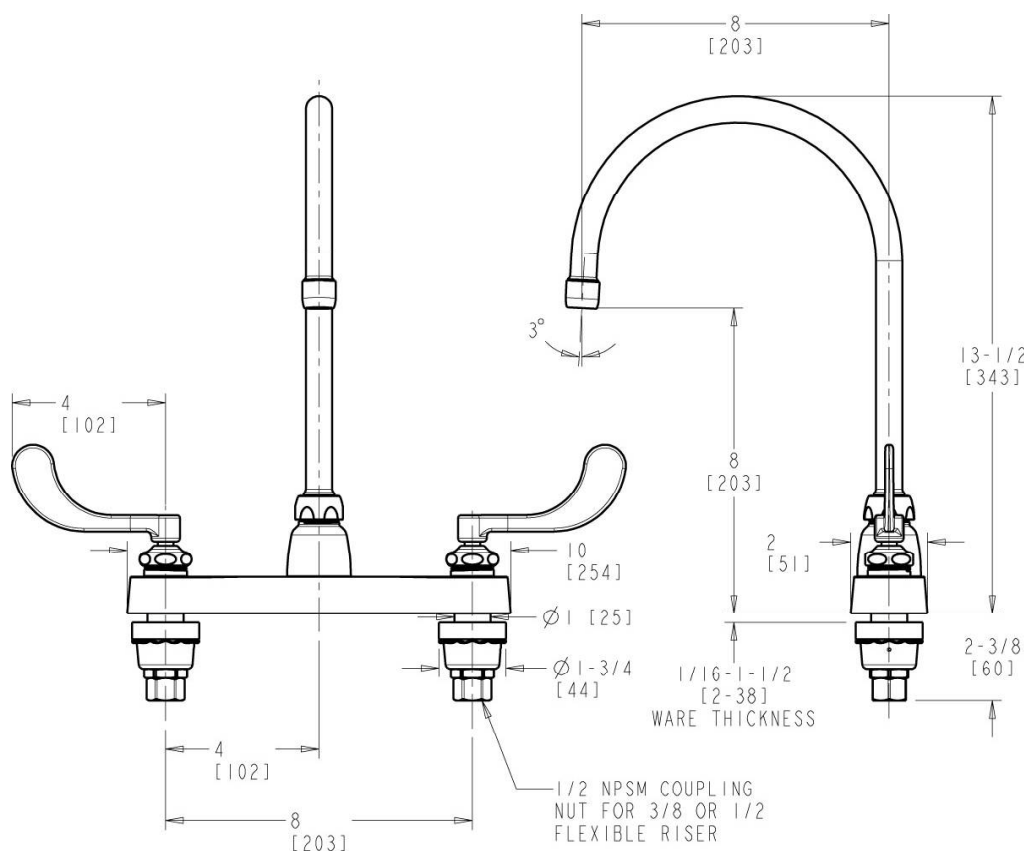
1100-GN8AE35-317AB

Manual Faucets



Architect/Engineer Specification

Chicago Faucets No. 1100-GN8AE35-317AB, Sink Faucet for hot and cold water, deck-mounted with 8" fixed centers, chrome plated. Rigid/swing gooseneck spout, 8" center-to-center. 1.5 GPM (5.7 L/min) pressure compensating Softflo aerator. 4" metal, vandal-proof, wristblade handles with sixteen-point, tapered broach and secured blue and red index buttons. Quatum™ rebuildable compression cartridge, opens and closes 90°, closes with water pressure, features square, tapered stem. 1/2" NPSM supply inlets and coupling nut for 3/8" or 1/2" flexible riser. Mounting hardware included. ECAST® construction with less than 0.25% lead content by weighted average. CALGreen compliant. This product meets ADA ANSI/ICC A117.1 requirements and is tested and certified to industry standards: ASME A112.18.1/CSA B125.1, Certified to NSF/ANSI 61, Section 9 by CSA, California Health and Safety Code 116875 (AB1953-2006), Vermont Bill S.152, NSF/ANSI 372 Low Lead Content, and California Green Building Standards Code (CALGreen).



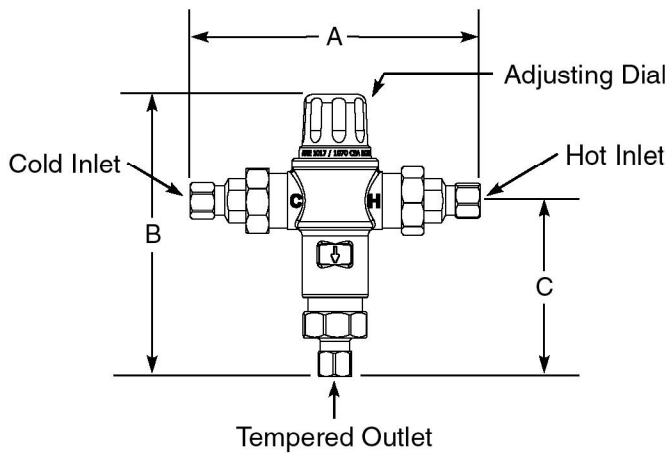
Operation and Maintenance

Installation should be in accordance with local plumbing codes. Flush all pipes thoroughly before installation. After installation, remove spout outlet or flow control and flush faucet thoroughly to clear any debris. Care should be taken when cleaning the product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap and warm water for cleaning and protecting the life of Chicago Faucet products. For specific operation and maintenance refer to the installation instructions and repair parts documents that are located at www.chicagofaucets.com.

Chicago Faucets, member of the Geberit Group, is the leading brand of commercial faucets and fittings in the United States, offering a complete range of products for schools, laboratories, hospitals, office buildings, food service, airports and sport facilities. Call 1.800.TECTRUE or 1.847.803.5000 Option 1 for installation or other technical assistance.



2100 South Clearwater Drive
Des Plaines, IL
P: 847/803-5000
F: 847/803-5454
Technical: 800/TEC-TRUE
www.chicagofaucets.com



Thermostatic Mixing Valve for Point of Use and Master Controlled Fixtures

Model 570

Unit No. 86820

Inlets & Outlet are $\frac{3}{8}$ " Compression Fit

ASSE 1017 & 1070 Approved

Certified to
CSA B125.3

The mixing valve for point of use master controlled fixtures shall be a nickel plated thermostatic mixing valve. The mixing valve shall be $\frac{3}{8}$ " Compression Fit. The mixing valve shall have a spindle to adjust outlet temperature. The mixing valve shall have internal checks. The mixing valve shall be Lawler model 570.

Specifications

- Outlet temperature range: 95-115°F.
- Temperature, hot supply: 180°F max.
- Temperature, cold supply: 40-80°F.
- Temperature stability (nominal): $\pm 5^\circ\text{F}$.
- Temperature differential (between hot supply and outlet temperature): 10°F.
- Hydrostatic pressure: 125 psi max.
- Permitted supply pressure variation: $\pm 20\%$.
- Flow rate @ 45psi pressure loss: 7 gpm.
- Flow rate, minimum: .5 gpm.
- Flow rate, maximum: 8 gpm.

Benefits

- Protects against scalding and chilling.
- Offers choice of temperature settings from 95° through 115°F.
- Easy installation.
- Backed by Lawler's One Year Warranty.
- ASSE 1017 & 1070 approved.

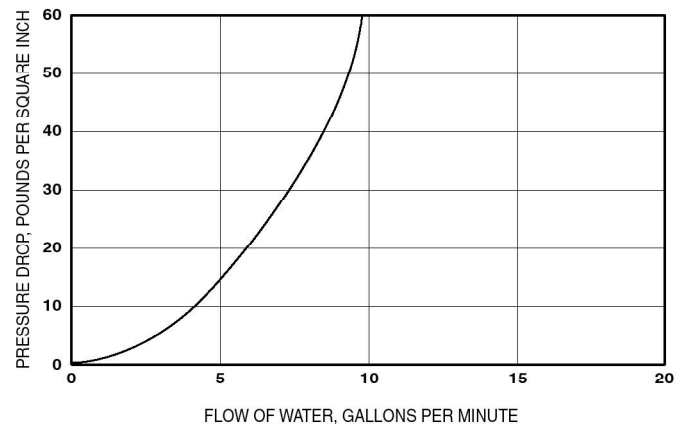
Engineer Approval ☐**MANUFACTURING CO., INC.**

5330 East 25th Street
Indianapolis, Indiana 46218
Phone (317) 261-1212
Fax (317) 261-1208

DIMENSIONS:

Valve Number	A	B	C
M 570	5.6"	5.4"	3.4"

FLOW CAPACITIES - MODEL 570



CAPACITIES - MODEL 570

Pressure Drop PSI	5	10	20	40
Valve Number	Capacity			
570-GPM	3	4	5	6.5
570-LPM	11	15	19	25

Temperature Adjustment

To adjust the mixed outlet temperature of the valve, remove the cap to gain access to the adjusting spindle. The spindle should be rotated-clockwise to reduce the temperature, counter-clockwise to increase the temperature until the desired set point is reached.

Note: For ASSE 1017 & 1070 applications.

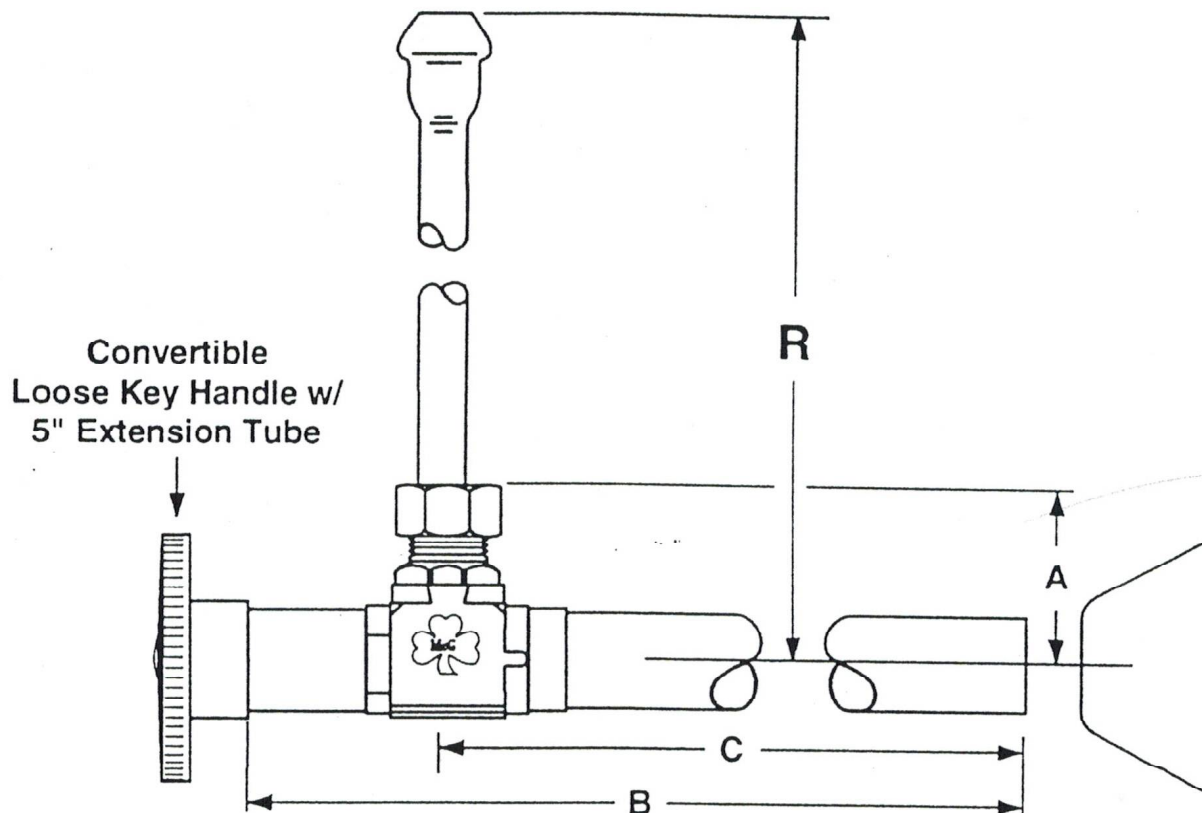
Design and specification subject to change without notice.

**McGUIRE MFG. CO., INC.**

60 Grandview Court
 P.O. Box 746 ♣ Cheshire, CT 06410
 203-699-1801 ♣ Fax 203-699-1813
 www.mcguiremfg.com

Product Specification**Part No.****H170LK-BV**

Quarter-Turn Brass Ball Valve
 Lavatory Supply
 with 5" Extension

Job Name:**Submittal Number:****Convertible™**

MODEL NO.	ROUGHING MEASUREMENTS	A	B	C	R
H170LK-BV	1/2" Sweat x 3/8" O.D.	1-1/4"	7-3/8"	5-13/16"	12, 15, 16, 20, 36

For braided stainless riser add suffix SS and number for length 12, 16, 20, 36.
 See options and accessories section for details on product variations.

**Specifications:**

Supply kit shall include commercial pattern chrome plated Quarter-Turn Brass Ball Valve with convertible loose key handle (chrome plated copper, or braided stainless risers) and (shallow, deep, bell) (steel, brass) or (forged brass with set screw) flange. Inlet shall be (1/2) inch (IPS, sweat, compression). Outlet shall be (3/8) inch (compression). Supply kit shall be McGuire _____. Supply kit shall be certified by CSA or other recognized testing authority and bear manufacturer and testing mark. Stop to be certified to 200 psi line pressure.

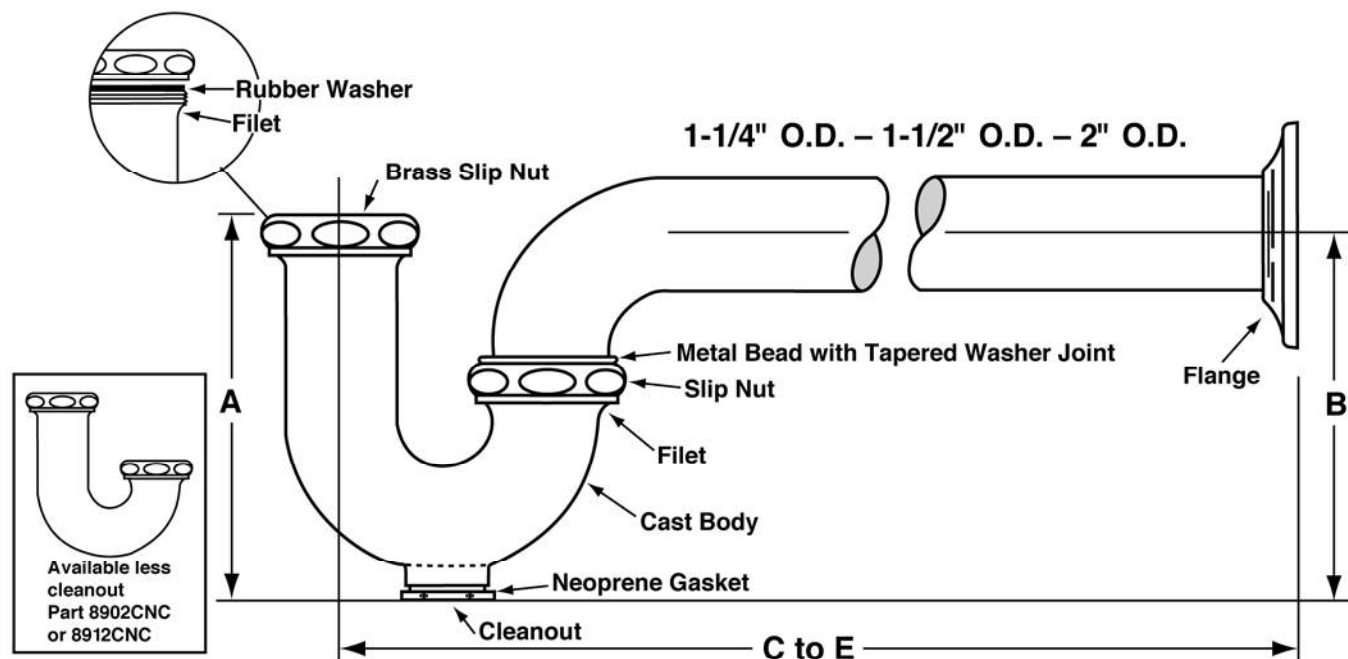

McGuire Manufacturing Co., Inc.

60 Grandview Court
P.O. Box 746 • Cheshire, CT 06410
203-699-1801 • Fax: 203-699-1813
www.mcguiremfg.com

PRODUCT SPECIFICATION
Part No.

8872, 8902, 8902CNC,
8912, 8912CNC, 8903, 8904

Cast Body P-Trap
With or Without Cleanout

Job Name:
Submittal Number:

PROFESSIONAL LINE
ROUGHING MEASUREMENTS

NO.	TRAP DIMENSIONS		A	B	C to E
	INLET	OUTLET			
8872	1-1/4"	1-1/4"	5"	4-1/2"	11"
8902	1-1/4"	1-1/2"	5"	4-1/2"	12"
8902CNC	1-1/4"	1-1/2"	4-5/8"	4-1/8"	12"
8912 ✓	1-1/2"	1-1/2"	5"	4-1/2"	12"
8912CNC	1-1/2"	1-1/2"	4-5/8"	4-1/8"	12"
8903	1-1/2"	2"	5"	6"	13"
8904	2"	2"	5"	6"	13"

FED SPEC W.W.P. 541

CAST BRASS P TRAP
MINIMUM SEAL 2"



See options and accessories section for details on product variations.

ASME A112.18.1-2005/CSA

Specifications:

P-Trap shall be chrome plated cast brass body (with, without) cleanout, with 17 gauge seamless tubular wall bend, cast brass slip nuts. Reducing washers shall be used with reducing cast brass nut. With (shallow, deep, bell) (steel, brass) or (forged brass with set screw) flange. P-Trap shall be McGuire "Classic" Professional Line (8872C, 8902C, 8912C, 8903, 8904). Trap shall be certified by CSA or other recognized testing authority. P-Trap shall bear manufacturer and testing mark.



model 7620

Faucet Mounted Eyewash AXION® eyePOD®

FEATURES & BENEFITS

ACTIVATION

Easy one motion rotation (in either direction) to activate/deactivate the use of the unit.

THERMOSTATIC PROTECTION

Thermostatic protection that will protect the user from water over 100° F (37.8° C) by shutting off the eyewash.

INSTALLATION

Easy to install on a wide variety of sink faucets (not included) using a standard 55/64-27 thread stainless steel faucet connection, along with four additional adaptors provided (15/16-27 male, 13/16-27 male, 3/8-18 male and 13/16-24 female).

FINISH

The stainless steel construction is rugged enough for any industrial application, and the polished surface is cosmetically suited for any professional office setting.

EYEWASH

AXION® eyePOD® eyewash head (patent pending) uses an inverted directional laminar flow to sweep contaminants away from the vulnerable nasal cavity.



OPTIONS

To see all options for this model, visit www.hawasco.com

SPECIFICATIONS

Model 7620 AXION® eyePOD® faucet mounted eyewash (patent pending). Constructed of stainless steel with a polished finish, the unit shall feature inverted directional laminar flow which achieves zero vertical velocity supplied by an integral .9 gpm (3.4 L) flow control. The faucet outlet flows at .5 gpm (1.9 L). The standard faucet connection is 55/64-27 stainless steel female thread, along with four additional aerators adapting this size to; 15/16-27 male, 13/16-27 male, 3/8-18 male and 13/16-24 female. An optional 1 gpm (3.8 L) laminar flow faucet outlet is also supplied. A thermostatic shutoff is used for water temperatures over 100°F (37.8°C). Operating pressure; 30-90 psi (2.1 - 6.2 bar).

APPLICATIONS

Where safety is of the utmost importance and the eyes of any person may be exposed to injurious or corrosive materials, suitable facilities for quick flushing and cleansing of the eyes be provided within the work area for immediate emergency use. Model is Certified by CSA to meet the ANSI Z358.1 (provided input water is within tepid temperature range) and ASME A112.18.1/CSA B125.1 standards for Emergency Eyewash and Shower Equipment. Product is compliant to NSF 61 and California Health and Safety Code 116875 (AB 1953), along with all current Federal Regulations for the disabled including those in the Americans with Disabilities Act.



60435001

60435001 - NSF Chrome Adapter



Zurn replacement parts and accessories provide long-lasting durability suitable for commercial restroom applications.

UPC: 6702404

- ✓ Male and female connection
- ✓ 3/4-27 female x 55/64-2
- ✓ Certified to NSF 61 Standard

Product

Finish Plumbing
Drainage & Interceptors
Water Control & Backflow
Fire Protection
PEX
Repair Parts

Service

inSpec
plumbSMART
Manufacturer Cross Reference
Labor Savings

Our



LBD6407-1 Double Sink



Specification:

Double compartment sink with faucet ledge. 20 gauge, type 302, 18-8 stainless steel. Self rimming. Exposed surfaces are satin finished. Spillway® between bowls. Undercoated to reduce condensation and resonance. Complete with factory applied rim seal, Universal Installation System hardware, cutout template and 3 1/2" crumb cup waste assembly, location center back.

Compartment Size: 16" x 14" x 7" (41 cm x 36 cm x 18 cm)

Overall Size: 20 1/2" x 31 1/4" (52 cm x 79 cm)

Faucet hole drilling options:

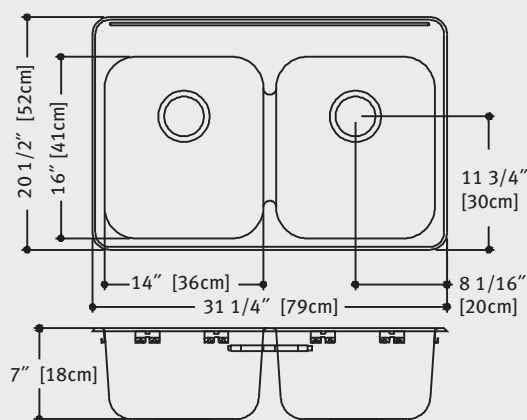
- ☐ LBD6407-1/1 1 hole, 1 1/2" diameter
- ☒ LBD6407-1/3 3 hole, 1 1/2" diameter, 4" centers, 8" centerset
- ☐ LBD6407-1/4 4 hole, as 3 hole above, plus 1 hole 4" to the right
- ☐ LBD6407-1 Custom (non-returnable)

*For custom please specify drilling requirements.

Notes:

- Electronic specifications, reference www.kindred-sinkware.com

NOTE: Comes with 1130 waste assembly w/ tailpiece



cUPC®

PROJECT INFORMATION

Project Name: _____

Item Reference: _____

Location: _____

Quote #: _____

Faucet Model #: _____

Drillings Required: _____

Notes: _____

MECHANICAL FAUCETS

1100-L9VPAXKABCP

Manual Faucets

Product Type

Deck Mounted 8" Fixed Centers Hot and Cold Water Sink Faucet

Features & Specifications

- 8" Fixed Centers
- 9-1/2" L Type Swing Spout
- 2.2 GPM (8.3 L/min) Vandal Proof Aerator
- 2" Vandal Proof Canopy Single Wing Handle
- Ceramic 1/4 Turn Operating Cartridge
- 1/2" NPSM Supply Inlets and Coupling Nut for 3/8" or 1/2" Flexible Riser
- ECAST® design provides durable construction with total lead content equal to or less than 0.25% by weighted average
- CFNow! Item Ships in 3 Days

Performance Specification

- Rated Operating Pressure: 20-125 PSI
- Rated Operating Temperature: 40-140°F

Warranty

- Lifetime Limited Faucet Warranty
- 5-Year Limited Cartridge Warranty
- 1-Year Limited Finish Warranty

Codes & Standards

- ASME A112.18.1/CSA B125.1
- Certified to NSF/ANSI 61, Section 9 by CSA
- ADA ANSI/ICC A117.1

NOTE: This fitting is not intended to be sold in California after January 1, 2016

Job Name _____

Item Number _____

Section/Tag _____

Model Specified _____

Architect _____

Engineer _____

Contractor _____

☐ Submitted as Shown ☐ Submitted with Variations

Date _____


ECAST

ECAST products are intended for installation where state laws and local codes mandate lead content levels or in any location where lead content is a concern.

2100 South Clearwater Drive
 Des Plaines, IL
 P: 847/803-5000
 F: 847/803-5454
 Technical: 800/TEC-TRUE
 www.chicagofaucets.com



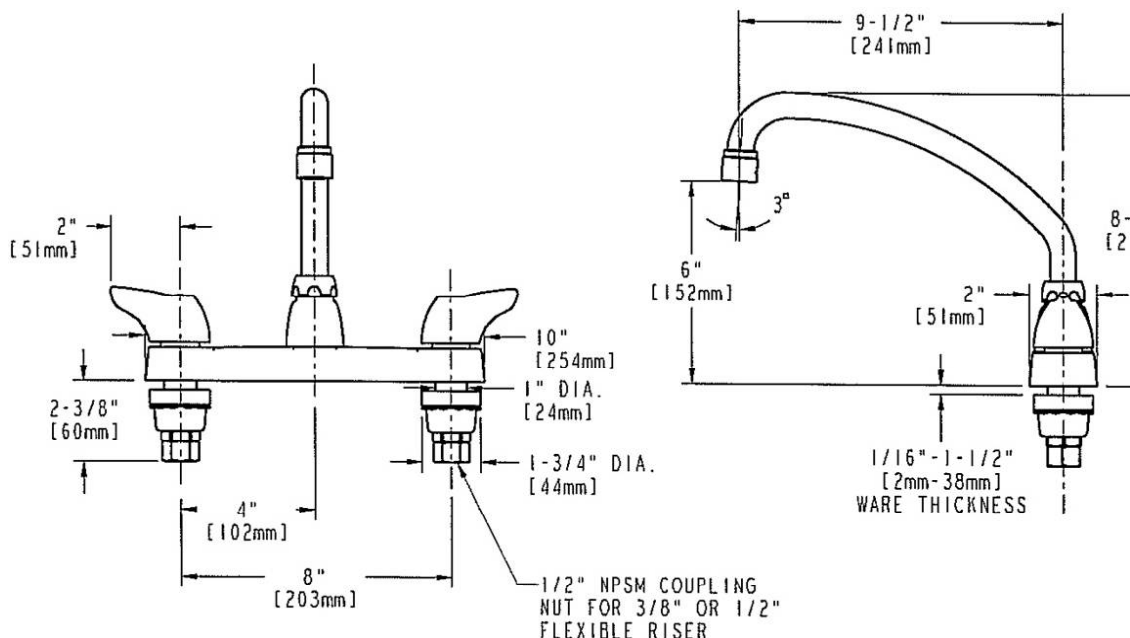
1100-L9VPAXKABCP

Manual Faucets



Architect/Engineer Specification

Chicago Faucets No. 1100-L9VPAXKABCP, Sink Faucet for hot and cold water, deck-mounted with 8" fixed centers, chrome plated. L-Type swing spout, 9-1/2" center-to-center. 2.2 GPM (8.3 L/min) pressure compensating vandal-proof Softflo aerator. 2" metal, vandal-proof, canopy, single-wing handles with secured blue and red index buttons. Ceramic quarter-turn cartridge, features square, tapered stem. 1/2" NPSM supply inlets and coupling nut for 3/8" or 1/2" flexible riser. ECAST® construction with less than 0.25% lead content by weighted average. This product meets ADA ANSI/ICC A117.1 requirements and is tested and certified to industry standards: ASME A112.18.1/CSA B125.1, and Certified to NSF/ANSI 61, Section 9 by CSA. This product meets ADA ANSI/ICC A117.1 requirements and is tested and certified to industry standards: ASME A112.18.1/CSA B125.1, and Certified to NSF/ANSI 61, Section 9 by CSA.



Operation and Maintenance

Installation should be in accordance with local plumbing codes. Flush all pipes thoroughly before installation. After installation, remove spout outlet or flow control and flush faucet thoroughly to clear any debris. Care should be taken when cleaning the product. Do not use abrasive cleaners, chemicals or solvents as they can result in surface damage. Use mild soap and warm water for cleaning and protecting the life of Chicago Faucet products. For specific operation and maintenance refer to the installation instructions and repair parts documents that are located at www.chicagofaucets.com.

Chicago Faucets, member of the Geberit Group, is the leading brand of commercial faucets and fittings in the United States, offering a complete range of products for schools, laboratories, hospitals, office buildings, food service, airports and sport facilities. Call 1.800.TECTRUE or 1.847.803.5000 Option 1 for installation or other technical assistance.



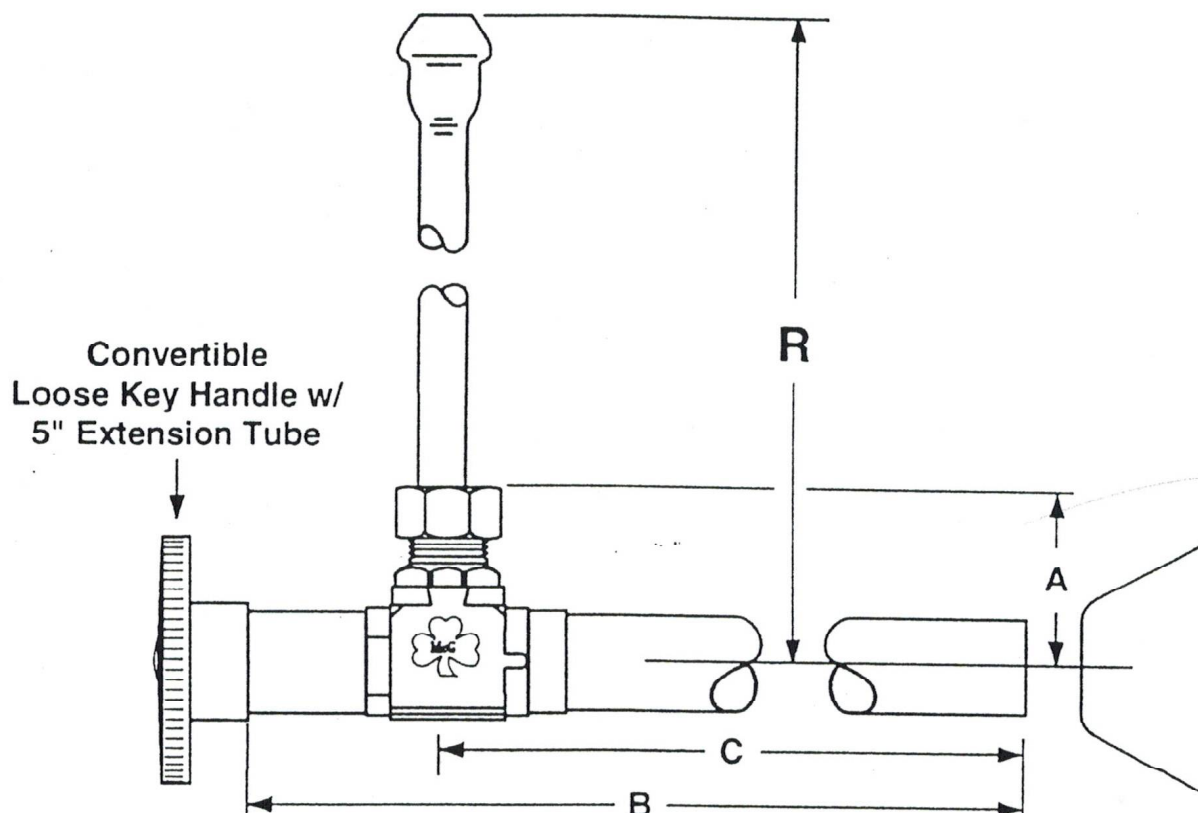
2100 South Clearwater Drive
Des Plaines, IL
P: 847/803-5000
F: 847/803-5454
Technical: 800/TEC-TRUE
www.chicagofaucets.com

**McGUIRE MFG. CO., INC.**

60 Grandview Court
 P.O. Box 746 ♣ Cheshire, CT 06410
 203-699-1801 ♣ Fax 203-699-1813
 www.mcguiremfg.com

Part No.**H170LK-BV**

Quarter-Turn Brass Ball Valve
 Lavatory Supply
 with 5" Extension

Product Specification**Job Name:** _____**Submittal Number:** _____**Convertible™**

MODEL NO.	ROUGHING MEASUREMENTS	A	B	C	R
H170LK-BV	1/2" Sweat x 3/8" O.D.	1-1/4"	7-3/8"	5-13/16"	12, 15, 16, 20, 36

For braided stainless riser add suffix SS and number for length 12, 16, 20, 36.
 See options and accessories section for details on product variations.

**Specifications:**

Supply kit shall include commercial pattern chrome plated Quarter-Turn Brass Ball Valve with convertible loose key handle (chrome plated copper, or braided stainless risers) and (shallow, deep, bell) (steel, brass) or (forged brass with set screw) flange. Inlet shall be (1/2) inch (IPS, sweat, compression). Outlet shall be (3/8) inch (compression). Supply kit shall be McGuire _____. Supply kit shall be certified by CSA or other recognized testing authority and bear manufacturer and testing mark. Stop to be certified to 200 psi line pressure.



McGuire Manufacturing Co., Inc.

60 Grandview Court
P.O. Box 746 • Cheshire, CT 06410
203-699-1801 • Fax: 203-699-1813
www.mcguiremfg.com

PRODUCT SPECIFICATION

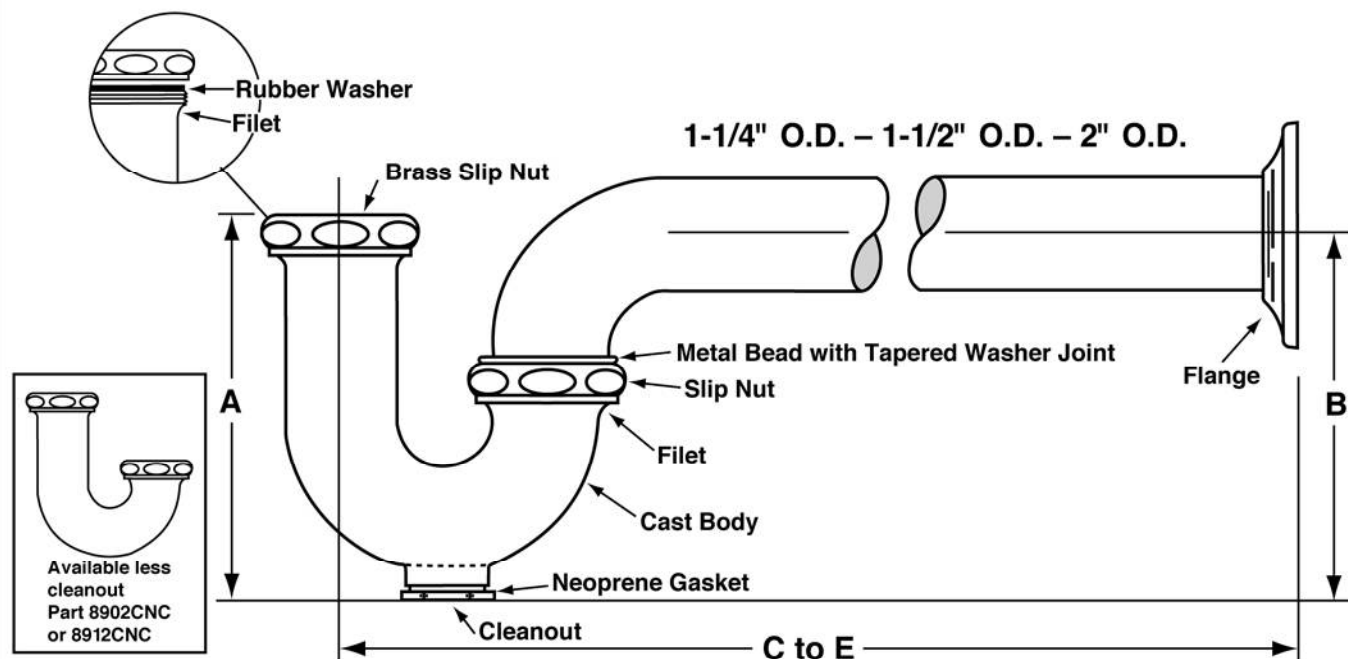
Part No.

8872, 8902, 8902CNC,
8912, 8912CNC, 8903, 8904

Cast Body P-Trap
With or Without Cleanout

Job Name: _____

Submittal Number: _____



PROFESSIONAL LINE

ROUGHING MEASUREMENTS

NO.	TRAP DIMENSIONS		A	B	C to E
	INLET	OUTLET			
8872	1-1/4"	1-1/4"	5"	4-1/2"	11"
8902	1-1/4"	1-1/2"	5"	4-1/2"	12"
8902CNC	1-1/4"	1-1/2"	4-5/8"	4-1/8"	12"
8912 ✓	1-1/2"	1-1/2"	5"	4-1/2"	12"
8912CNC	1-1/2"	1-1/2"	4-5/8"	4-1/8"	12"
8903	1-1/2"	2"	5"	6"	13"
8904	2"	2"	5"	6"	13"

FED SPEC W.W.P. 541

CAST BRASS P TRAP
MINIMUM SEAL 2"

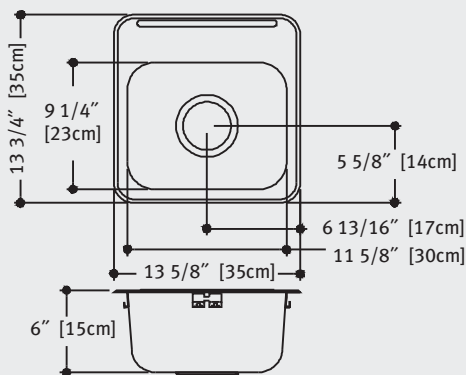


See options and accessories section for details on product variations.

ASME A112.18.1-2005/CSA

Specifications:

P-Trap shall be chrome plated cast brass body (with, without) cleanout, with 17 gauge seamless tubular wall bend, cast brass slip nuts. Reducing washers shall be used with reducing cast brass nut. With (shallow, deep, bell) (steel, brass) or (forged brass with set screw) flange. P-Trap shall be McGuire "Classic" Professional Line (8872C, 8902C, 8912C, 8903, 8904). Trap shall be certified by CSA or other recognized testing authority. P-Trap shall bear manufacturer and testing mark.




Specification:

ADA compliant. Single compartment sink with faucet ledge. 20 gauge, type 302, 18-8 stainless steel. Self rimming. Exposed surfaces are satin finished. Undercoated to reduce condensation and resonance. Includes factory applied rim seal, cutout template, Universal Installation System hardware and waste assembly, location center.

Compartment Size: 9 1/4" x 11 5/8" x 6" (23cm x 30cm x 15cm)

Overall Size: 13 3/4" x 13 5/8" (35cm x 35cm)

Waste Options:

-1 = 3 1/2" (89mm) crumb cup waste assembly.

-3 = 1 1/2" (38mm) duplex waste assembly, with rubber stopper.

3 1/2" waste

☐ LBS9106-1/1

☒ LBS9106-1/2

☐ LBS9106-1

1 1/2" waste

☐ LBS9106-3/1

☐ LBS9106-3/2

☐ LBS9106-3

Faucet hole drilling options

1 hole, 1 1/2" diameter

2 hole, 1 1/2" diameter, 4" centers

Custom (non-returnable)

***For custom please specify drilling requirements.**

Notes:

- Electronic specifications, reference www.kindred-sinkware.com
- The model as constructed is subject to the interpretation of local building codes. Check ADA, local wheelchair accessibility guidelines and local building codes to ensure the unobstructed knee space is achieved after installation.

PROJECT INFORMATION

Project Name: _____

Item Reference: _____

Location: _____

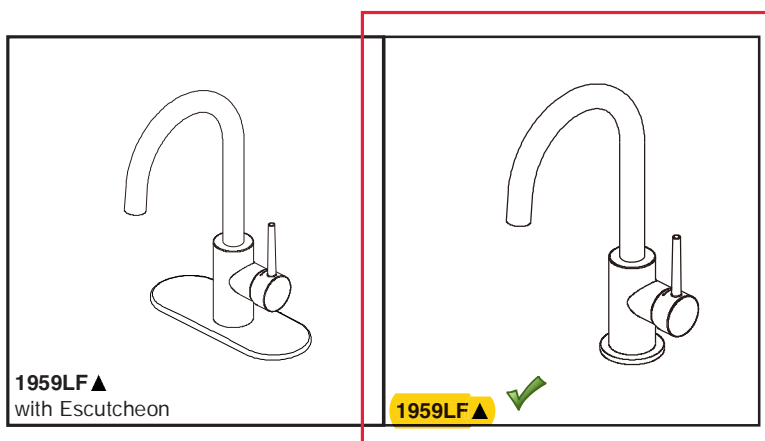
Quote #: _____

Faucet Model #: _____

Drillings Required: _____

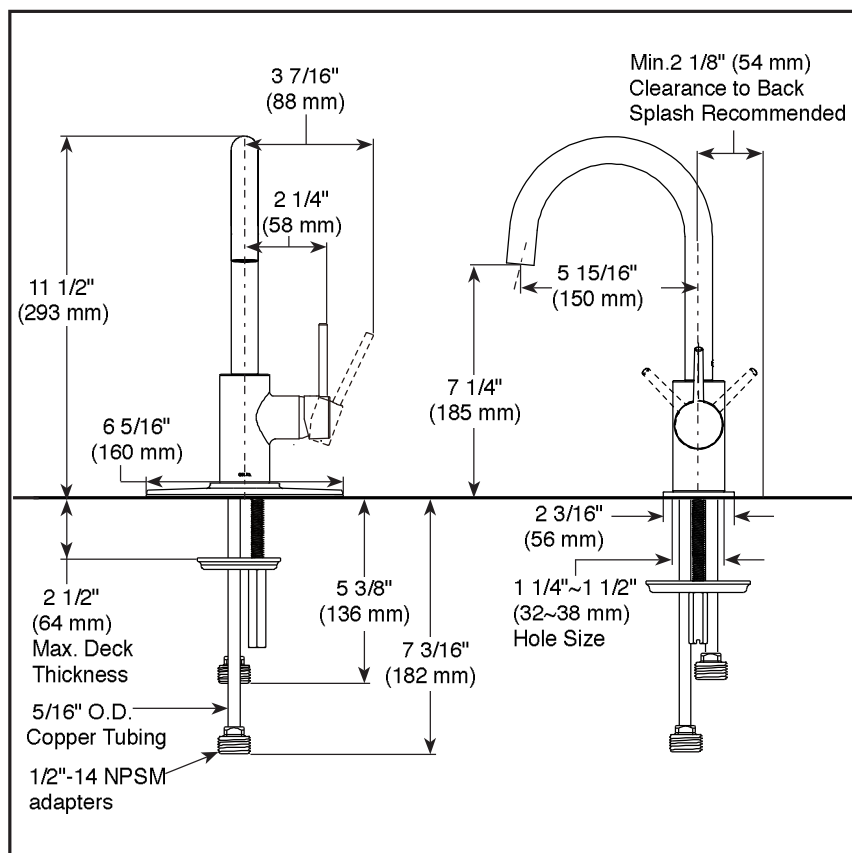
Notes: _____

Franke Kindred Canada Limited
 1000 Franke Kindred Road, Midland, Ontario, Canada L4R 4K9
 web www.kindred-sinkware.com email info@kindred-sinkware.com
 Telephone 1-866-687-7465 Fax 1-800-361-8408



Submitted Model No.: _____

Specific Features: _____



▲ Designate proper finish suffix



see what Delta can do™

BAR & PREP SINK FAUCETS

- Contemporary
- Single Handle Deck Mount

STANDARD SPECIFICATIONS

- One or three hole mount (escutcheon optional, not included)
- Max flow rate 1.5 gpm @ 60 psi, 5.7 L/min @ 414 kPa
- Solid brass fabricated body
- Spout rotates 120°
- Hot/Cold logo on handle to indicate temperature
- Ceramic disc cartridge
- 5/16" staggered copper supply lines with 1/2" adapters
- ADA compliant lever handle
- Order RP77702 for optional escutcheon
- Order RP1001 for coordinating soap dispenser

WARRANTY

- Parts and Finish - Lifetime limited warranty; or for commercial purchasers, 10 years for multi-family residential (apartments and condominiums) and 5 years for all other commercial uses, in each case from the date of purchase.
- Electronic Parts and Batteries (if applicable) - 5 years from the date of purchase; or for commercial purchasers, 1 year from the date of purchase. No warranty is provided on batteries.

COMPLIES WITH:

- ASME A112.18.1 / CSA B125.1
-  Indicates compliance to ICC/ANSI A117.1

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation. Dimensions are for reference only. See current full-line price book or www.deltafaucet.com for finish options and product availability.

Delta Faucet Company

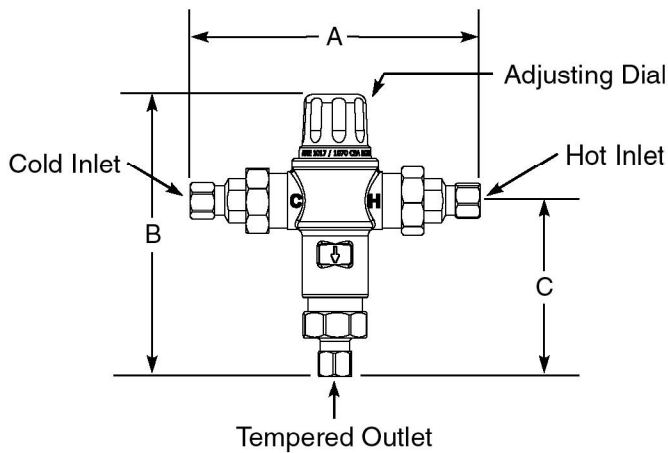
55 E. 111th Street, Indianapolis, IN 46280
350 South Edgeware Road, St. Thomas, ON N5P 4L1
© 2019 Delta Faucet Company

HS

SFP-46

Multi-laminar Spray Head Kit Male VR 0.5 gpm





Thermostatic Mixing Valve for Point of Use and Master Controlled Fixtures

Model 570

Unit No. 86820

Inlets & Outlet are $\frac{3}{8}$ " Compression Fit



ASSE 1017 & 1070 Approved



Certified to
CSA B125.3

The mixing valve for point of use master controlled fixtures shall be a nickel plated thermostatic mixing valve. The mixing valve shall be $\frac{3}{8}$ " Compression Fit. The mixing valve shall have a spindle to adjust outlet temperature. The mixing valve shall have internal checks. The mixing valve shall be Lawler model 570.

Specifications

- Outlet temperature range: 95-115°F.
- Temperature, hot supply: 180°F max.
- Temperature, cold supply: 40-80°F.
- Temperature stability (nominal): $\pm 5^\circ\text{F}$.
- Temperature differential (between hot supply and outlet temperature): 10°F.
- Hydrostatic pressure: 125 psi max.
- Permitted supply pressure variation: $\pm 20\%$.
- Flow rate @ 45psi pressure loss: 7 gpm.
- Flow rate, minimum: .5 gpm.
- Flow rate, maximum: 8 gpm.

Benefits

- Protects against scalding and chilling.
- Offers choice of temperature settings from 95° through 115°F.
- Easy installation.
- Backed by Lawler's One Year Warranty.
- ASSE 1017 & 1070 approved.

Engineer Approval ☐



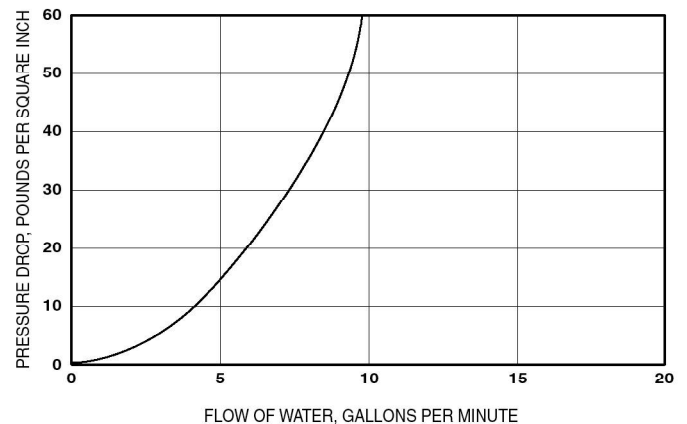
MANUFACTURING CO., INC.

5330 East 25th Street
Indianapolis, Indiana 46218
Phone (317) 261-1212
Fax (317) 261-1208

DIMENSIONS:

Valve Number	A	B	C
M 570	5.6"	5.4"	3.4"

FLOW CAPACITIES - MODEL 570



CAPACITIES - MODEL 570

Pressure Drop PSI	5	10	20	40
Valve Number	Capacity			
570-GPM	3	4	5	6.5
570-LPM	11	15	19	25

Temperature Adjustment

To adjust the mixed outlet temperature of the valve, remove the cap to gain access to the adjusting spindle. The spindle should be rotated-clockwise to reduce the temperature, counter-clockwise to increase the temperature until the desired set point is reached.

Note: For ASSE 1017 & 1070 applications.

Design and specification subject to change without notice.



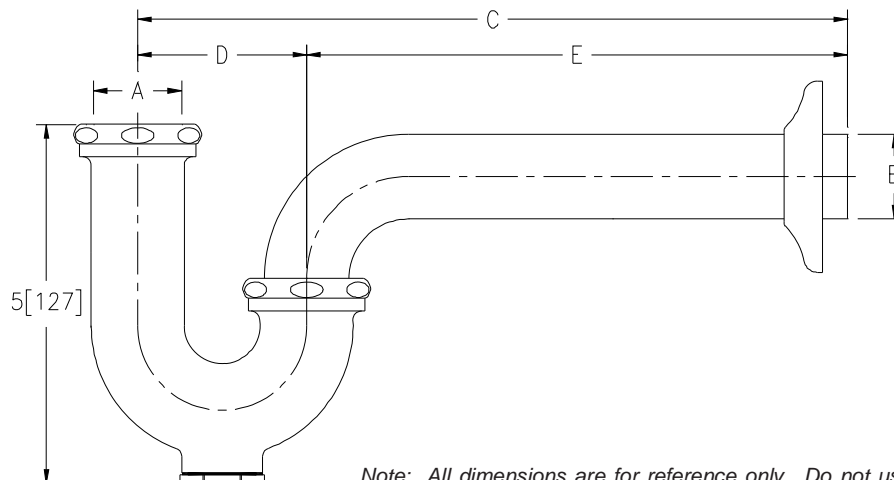
SEMI-CAST P-TRAPS WITH WALL BEND

Z8700-PC TO Z8708-PC

TAG



Engineering Specification: Zurn Z8700-PC to Z8708-PC. – Chrome-plated cast brass (copper alloy) body P-trap with cleanout, tubular brass wall bend as specified, die-cast nuts, and shallow escutcheon with compression inlet.



Note: All dimensions are for reference only. Do not use for pre-plumbing.

PRODUCT NUMBER	A INLET in[mm]	B OUTLET in[mm]	GAUGE	DIMENSIONS			MASTER CARTON	WEIGHT CARTON [lbs]
				C in[mm]	D in[mm]	E in[mm]		
Z8700-PC	1 1/4[32]	1 1/4[32]	17	10[254]	2 1/2[64]	7 1/2[191]	12	24
Z8700-8-PC	1 1/4[32]	1 1/4[32]	17	11[279]	2 1/2[64]	8 1/2[216]	12	24
Z8700-15-PC	1 1/4[32]	1 1/4[32]	17	15[381]	2 1/2[64]	12 1/2[318]	18	40
Z8701-PC	1 1/4[32]	1 1/2[38]	17	10 1/2[267]	3[76]	7 1/2[191]	12	24
Z8701-9-PC	1 1/4[32]	1 1/2[38]	17	12[305]	3[76]	9[229]	12	24
Z8701-15-PC	1 1/4[32]	1 1/2[38]	17	15[381]	3[76]	12[305]	18	42
Z8702-PC*	1 1/2[38]	1 1/2[38]	17	10 1/2[267]	3[76]	7 1/2[191]	12	24
✓ Z8702-9-PC*	1 1/2[38]	1 1/2[38]	17	12[305]	3[76]	9[229]	12	24
Z8702-15-PC*	1 1/2[38]	1 1/2[38]	17	15[381]	3[76]	12[305]	18	42
Z8703B-PC**	1 1/2[38]	2[51]	17	12 1/2[318]	3 1/2[89]	9[229]	6	18
Z8704B-PC**	2[51]	2[51]	17	12 1/2[318]	3 1/2[89]	9[229]	6	18
Z8706-PC	1 1/4[32]	1 1/4[32]	20	10[254]	2 1/2[64]	7 1/2[191]	12	24
Z8707-PC	1 1/4[32]	1 1/2[38]	20	10 1/2[267]	3[76]	7 1/2[191]	12	24
Z8708-PC*	1 1/2[38]	1 1/2[38]	20	10 1/2[267]	3[76]	7 1/2[191]	12	24

OPTIONAL ACCESSORIES

Suffix	Description
✓ -B	Brass Nuts
-BX	Box Escutcheon
-CE	Cast Brass Escutcheon with Setscrew
✓ -D	Deep Escutcheon (Note = not available for Z8703B-PC and Z8704B-PC)
-J	Metal to Metal Ground Joint Connection
-WC	Waste Connections - Compression
-15	15[381] C Dim. 1 1/4[32] and 1 1/2[38] Only
-18	18[457] C Dim. 1 1/4[32] and 1 1/2[38] Only

* COMES WITH OPTIONAL 1-1/2" x 1-1/4" REDUCTION POLY-WASHER FOR INLET

** SHIPPED WITH BRASS NUTS UNLESS OTHERWISE SPECIFIED

ZURN INDUSTRIES, LLC ♦ COMMERCIAL BRASS OPERATION ♦ 2640 SOUTH WORK STREET ♦ FALCONER NY 14733

Phone: 1-800-997-3876 ♦ Fax: 1-919-775-3541 ♦ www.zurn.com

In Canada: ZURN INDUSTRIES LIMITED ♦ 3544 Nashua Drive ♦ Mississauga, Ontario L4V1L2 ♦ Phone: 905/405-8272 Fax: 905/405-1292

MOLDED-STONE® MOP SERVICE BASIN



NOTES

OPTIONS

- Service Faucet (830-AA): Chrome plated with vacuum breaker, integral stops, adjustable wall brace, pail hook and 3/4" hose thread on spout.
- Hose and Hose Bracket (832-AA)
- Mop Hanger (889-CC)
- Alternate Strainer (1453-BB) - For residential use (EFS-3624 and EFS-2424)
- 3" Quick Drain Connector (QDC-3XH): Neoprene connecting gasket suitable for attaching extra heavy cast iron soil pipe and Schedule 40 steel pipe to the drain body. Neoprene connecting gasket (QDC-3SN) suitable for attaching hubless cast iron pipe (no hub, nominal O.D. of 3.31") and service weight cast iron soil pipe (nominal O.D. of 3.38") to the drain body.
- Silicone Sealant (833-AA)
- Vinyl Bumperguard (E-77-AA)
- Stainless Steel Bumperguard (E-88-AA)
- Stainless Steel Wall Guard (MSG2424, MSG2828, MG3232, MSG3636, and MSG3624)

MSB 2424 ✓
MSB 3624

Molded-Stone® Mop Service Basin

FEATURES

✓ MSB 2424

The MSB 2424 shall have overall outside dimensions of 24" x 24" x 10". The molding shall be done in matched metal dies under heat and pressure resulting in a one-piece homogeneous product. The unit shall have 10" high walls with not less than 1" wide.

The stainless steel drain body is designed to provide for a caulk connection or QDC-3 joint to a 3" drain pipe. A combination dome strainer and lint basket made from stainless steel shall be included with factory installed stainless steel drain body for caulked joint to accept a 3" pipe.

• MSB 3624

The MSB 3624 shall have overall outside dimensions of 36" x 24" x 10". The molding shall be done in matched metal dies under heat and pressure resulting in a one-piece homogeneous product. The unit shall have 10" high walls with not less than 1" wide shoulders and an integrally molded shelf 10 5/8" wide where indicated.

The stainless steel drain body is designed to provide for a caulk connection or QDC-3 joint to a 3" drain pipe. A combination dome strainer and lint basket made from stainless steel shall be included with factory installed stainless steel drain body for caulked joint to accept a 3" pipe.

ALUMINUM BUMPERGUARD

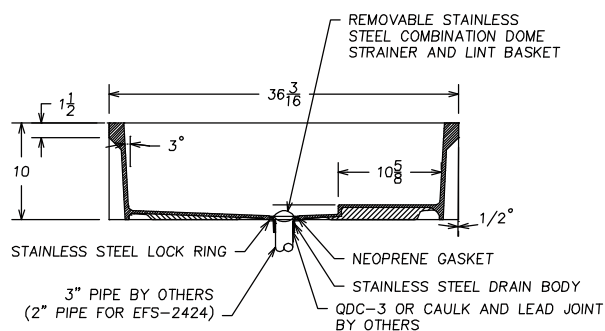
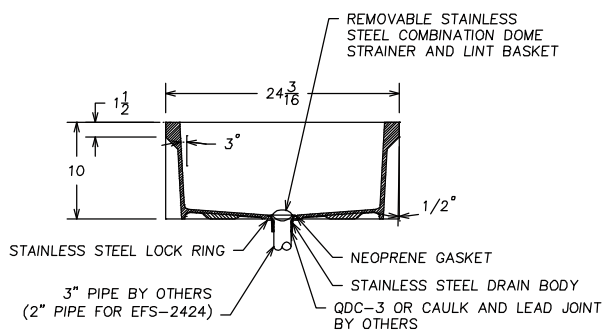
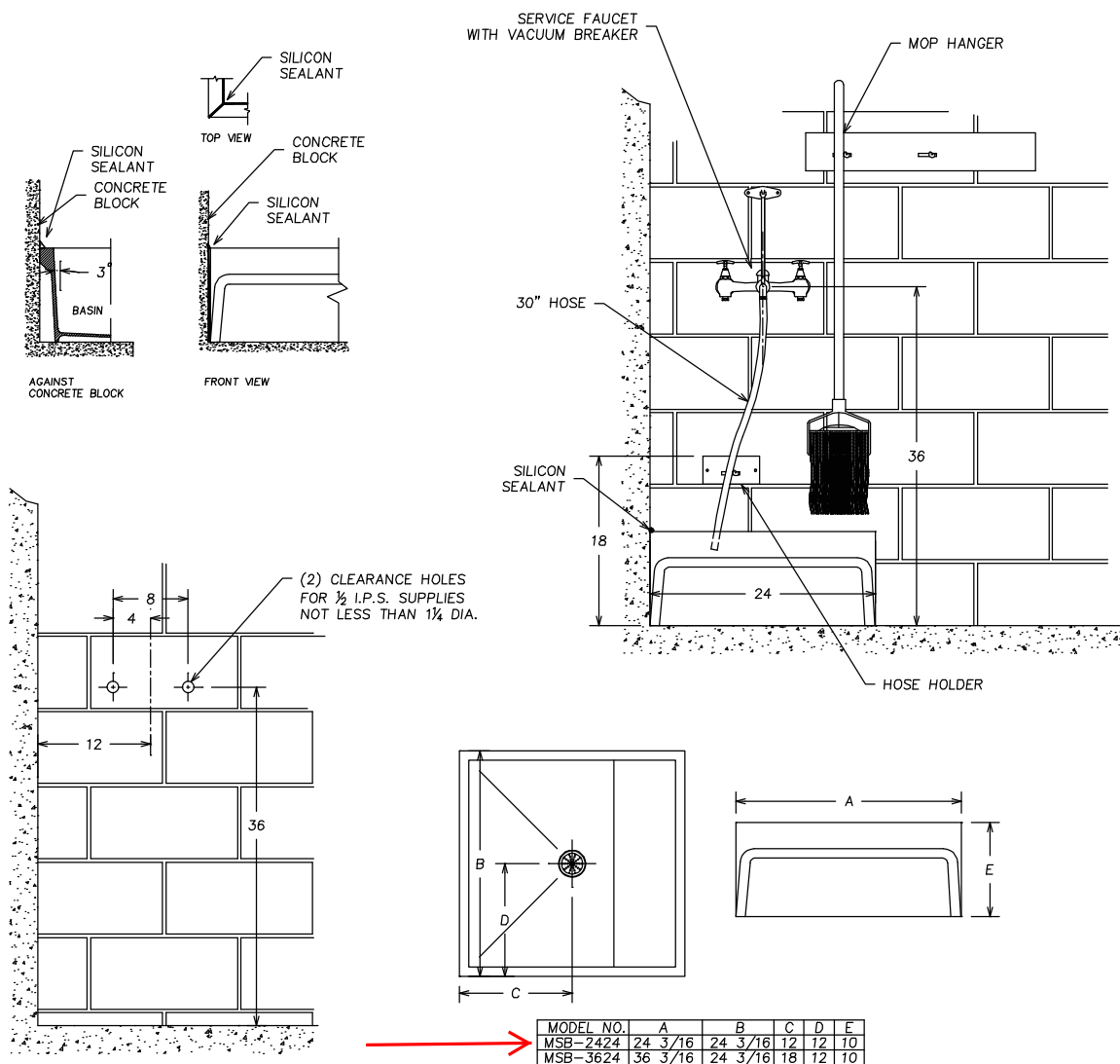


FIAT PRODUCTS®
ACRANE PLUMBING COMPANY

MOLDED-STONE® MOP SERVICE BASIN

MSB 2424 ✓ MSB 3624

Molded-Stone® Mop Service Basin

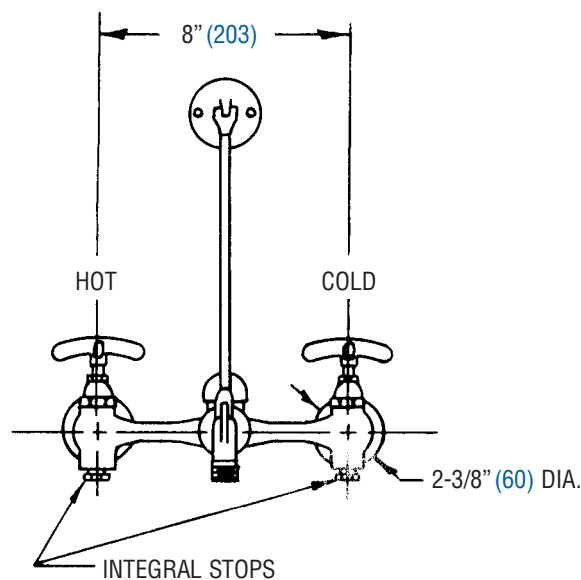
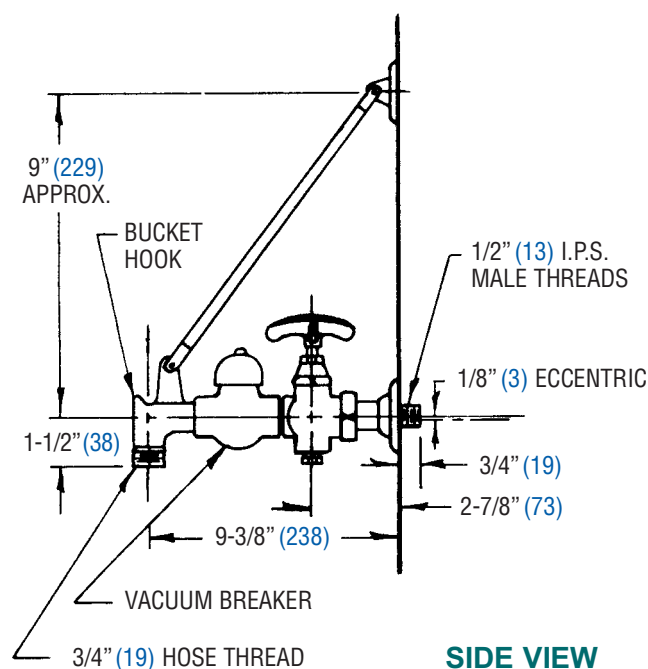


FIAT PRODUCTS
A CRANE PLUMBING COMPANY

IMPORTANT: Roughing-in dimensions may vary 1/2" and are subject to change or cancellation without prior notice.

CR/PL© 04/03 Printed in U.S.A

Service-Sink Faucet Model: 830-AA

FIAT®

FRONT VIEW

SIDE VIEW

NOTE: These roughing measurements may vary 1/4" (plus or minus).


General:

830-AA Service Faucet - Chrome plated with vacuum breaker, integral stops, adjustable wall brace, pail hook and 3/4" hose thread on spout. Body inlets 8" center to center, four arm handles. Valves contain renewable hub, renewable seats, swivel discs, encased washers and brass washer screws.

**Material:
Finish:**

Commercial red brass alloy casting-rough finish.

Chrome plating exceeding requirements of ANSI/ASTM B-456-71. Indicators cold (blue) and hot (red) are included.

**Specifications
and
Codes:**

In the U.S.A., meets or exceeds requirements of ANSI-A112.18.1M-1979 for "Finished and Rough Brass Plumbing Fixture Fittings." In Canada, meets or exceeds the requirements of CSA standards B125 - "Plumbing Fittings," B64.1.1 - "Vacuum Breakers - Atmosphere Type" and B64.0 - "General Requirements for Backflow Preventers and Vacuum Breakers," and is approved under Product Class No. 6811 01 under Report #LM57412-1. Conforms to ASSE 1001.



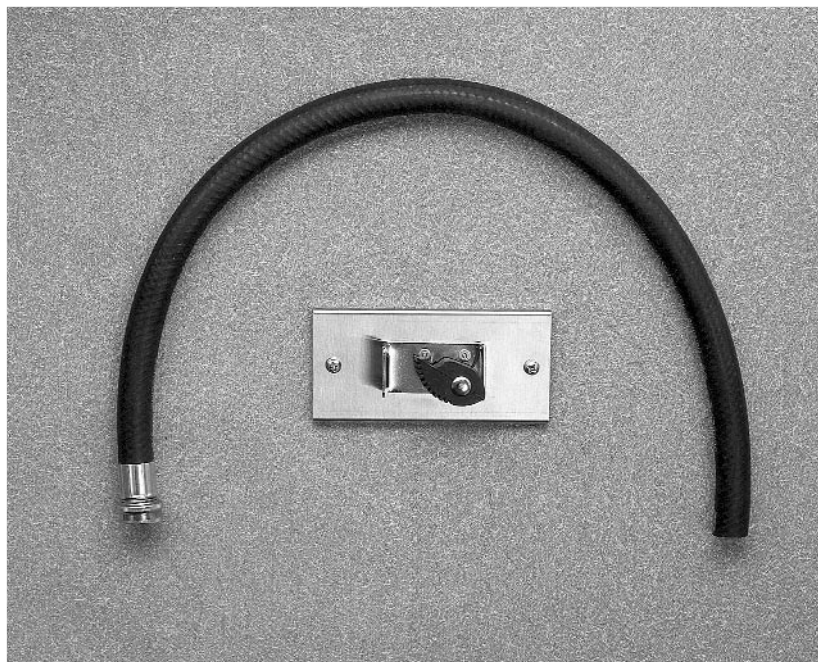
FIAT PRODUCTS®
A CRANE PLUMBING COMPANY

255 Hutchings St. • Winnipeg, MB • R2X 2R4 • Ph. 800-665-7531 • 204-633-6122 • Fx. 204-632-4854
e-mail: info@fiat.ca • website: www.fiat.ca

A subsidiary of CR/PL, L.L.C. Company - Evanston, IL

H OSE AND HOSE BRACKET

832-AA



FEATURES

- GENERAL:** Long flexible, heavy duty $\frac{5}{8}$ " rubber hose (30"). 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
ACRANE PLUMBING COMPANY



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



FIAT PRODUCTS
 A CRANE PLUMBING COMPANY

S TAINLESS STEEL WALL GUARDS

✓ MSG2424 , MSG2828
MSG3232 , MSG3636
MSG3624



FEATURES

- **GENERAL:** Model No.s MSG2424, MSG2828, MSG3232, MSG3636 and MSG3624 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
ACRANE PLUMBING COMP ANY

MOP SERVICE BASINS












RECOMMENDED UPGRADES AND PARTS

TERRAZZO KIT	Terrazzo r
832AA000	Hose/bracket combination – 30" (762 mm) long, flexible, heavy-duty 5/8" (16 mm) cloth reinforced, rubber hose
889C000	
830AA000	Service faucet – chrome plated, with vacuum breaker, integral stops, adjustable wall brace, pull hook
833AA000	
QDC32000	Quick Drain Connector – 3" (76 mm) with 2" (51 mm) hole, E
1453BB000	
STR1000	
E77AA24000	
E88AA24000	
E77AA36000	
E88AA36000	
1239BB24000	
1239BB32000	Bumper guar
1239BB36000	Bumper guar
38640020000	W
MSG2424000	
MSG24000	
MSG2828000	
MSG28000	
MSG3232000	
MSG32000	
MSG3636000	
MSG36000	
MSG3624000	Wall guard – one (1) 36" x 12" (914 mm x 305 mm) and one (1) 24" x 12" (610 mm x 305 mm)
MSGBHK000	C
STRID2000	Flat stainless steel strainer for the MSBID

For a complete list of HAT accessories, please visit our website at www.HATHRODUCTS.com or call 1-800-442-1902.

MOP SERVICE BASINS

QIC & QDC QUICK CONNECT GASKET APPLICATIONS

GASKET	FIAT® PRODUCT APPLICATION	HEIGHT	O.D.	I.D.	FOR USE WITH
	QIC2000 ADA® Galcoat and Cascade™	1.000	3.050	2.270	2.375 O.D.
	QIC20P000 ADA® Galcoat and Cascade	1.175	3.080	2.000	2.125 O.D. C
	QIC3XH000 Moldec-Stone® Mop Basin – MSBID2424 – only	1.240	4.180	3.520	3.5 O.D.
	QDC2000 Replacement for Steel Drain Cascade Floor (Here – 10-year old floors)	1.150	3.050	2.275	2.375 O.D.
	QDC20P000 Replacement for Steel Drain Cascade Floor (Here – 10-year old floors)	1.300	3.100	2.025	2.125 O.D. C
	QDC4000 Terrazzo shower floors	1.000	2.950	2.350	2.375 O.D.
	QDC3XH000 Terrazzo Mop Service Basins and Moldec-Stone Mop Basins (MSB Standard)	1.240	4.480	3.400	3.5 O.D.
	QDC3SN000 Terrazzo Mop Service Basins and Moldec-Stone Mop Basins	1.250	4.400	3.200	3.5 O.D.
	QDC32000 Terrazzo Mop Service Basins and Moldec-Stone Mop Basins (EFS Basins)	1.350	4.400	2.250	2.375 O.D.
	QIC32000 Moldec-Stone Mop Basin – MSBID2424 – only	1.240	4.100	2.220	2" PVC
	QIC3SN000 Moldec-Stone Mop Basin – MSBID				

For a complete list of HAT accessories, please visit our website at www.HATHRODUCTS.com or call 1-800-442-1902.

Dessins d'atelier pour approbation

Projet : SHOPPERS DRUG MART - SDM KITCHENER

Soumission # P2261-1

Item A

Type : HR-1

Charland Thermojet inc modele:

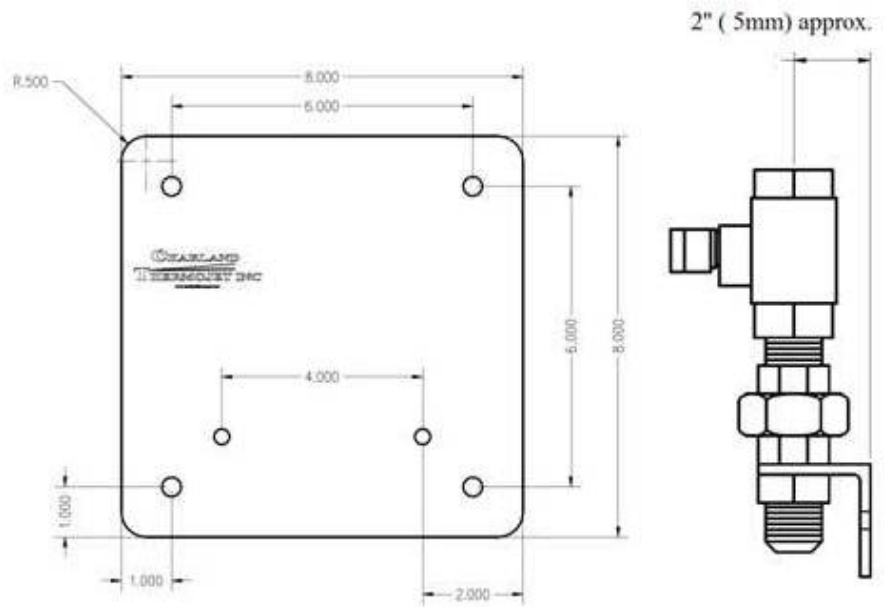
NL553-012-RH1301SS-25X3/8-GPE-PRE-RINCE-01-3

P2261-1

MODEL NL-553-BV-VB-050-P8X8

P/N: NL-553-012

Simple washing station 1/2'' (12.7mm) for hot or cold water with ball valve and vacuum breaker.



FEATURES

- Maximum operating pressure: 150 PSI (1034 kPa).
- Maximum operating temperature: 200°F (93°C).
- Required water pressure: 0 à 150 PSI (0 à 1034 kPa).
- High quality ball valve made of stainless steel.
- **Inlet 1/2'' (12.7mm) female NPT, Outlet 1/2'' (12.7mm) female NPT.**
- Rigid stainless steel bracket.
- Vacuum breaker brass chrome.
- Stainless steel plate 8''(20.32mm) x 8''(20.32mm) x 1/8''(0.04mm) finished # 4

For more information or any question please contact us.

P2261-1

RH1300SS Industrial Reels Series

Heavy Duty Stainless Steel Spring Rewind Reels

Potable Water / Wash down /General Industrial Applications

To handle 1/4" through 1/2" I.D. hose.

- *Standard RH1300SS series has marrow frame and compact mounting base.*
- Non Sparking ratchet assembly.
- Declutching arbour to prevent damage from reverse winding.
- Standard inlet 90° ball bearing swivel joint 1/2" female NPT threads.
- Standard outlet 1/2" female NPT threads.
- Standard Pressures to 3000 psi (207 bar) (available up to 10,000 (690 bar)).
- Temperatures from +20° F to +400° F (-7° C to +204° C).
- Consult factory for other pressures & temps.
- 4-way roller assembly.
- Constant Tension is available – consult factory.



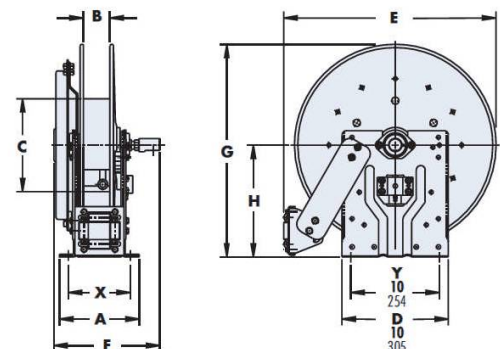
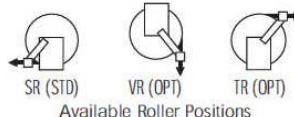
Optional
TR Position
Shown with
Optional
Polished Finish

Model Number	Hose Capacity of Reel <div>Feet</div> <div>m</div>				Approx. Weight <div>lb</div> <div>kg.</div>		Standard Roller Assy	Reel Dimensions**** <div>Inches</div> <div>mm.</div>							
	I.D.(in) I.D. (mm)	1/4'' 6	3/8'' 10	1/2'' 13	NET	SHIP	I.D. (mm)	A	B	C	E	F	G	H	X
	O.D. (in) O.D. (mm)	5/8'' 16	3/4'' 19	7/8'' 22											
RH1301SS	****	****	25 8	25 8	52* 24	70 39	RH102S	10 254	4 102	8 203	17.62 448	11.25 286	16.25 413	9.12 232	8 203
RH1302SS	****	****	35 11	35 11	55* 25	71 32	RH102S	10 254	4 102	10.5 267	18.5 470	11.25 286	17 432	9.12 232	8 203
RH1303SS	****	****	50 15	50 15	64* 29	85 38	RH102S	10 254	4 102	10.5 267	20.75 527	11.25 286	20 508	10.62 270	8 203
RH1304SS	****	100 30	75 23	65 20	94* 43	129 59	RH102S	10 254	4 102	15.5 394	23.75 603	11.25 286	24 610	12.62 321	8 203
RH1305SS	****	****	65 20	65 20	79* 36	96 44	RH102S	10 254	4 102	15.5 394	23.75 603	11.25 286	24 610	12.62 321	8 203
RH1306SS	****	****	75 23	75 23	90 41	125 57	RH102S	10 254	4 102	15.5 394	25.25 641	11.25 286	26 660	13.62 346	8 203
RH1307SS	****	****	100 30	100 30	96 44	131 59	RH104S	12 305	6 152	15.5 394	25.25 641	13.25 337	26 660	13.62 346	10 254

Notes:

Be sure to check dimensions and weights prior to ordering.

NOTICE: A Flexible Connector must be used between the inlet pipe and the inlet swivel joint.



P2261-1

GARDEN HOSE COUPLINGS & ADAPTERS

'Y' COUPLINGS



GHT-1001



GHT-1002



GHT-1003



GHT-1004



GHT-1005



GHT-1006

PART NO.	DESCRIPTION	PRICE EACH
GHT-1001	FORGED BRASS	10.90 \$
GHT-1002	CAST ZINC	6.50 \$
GHT-1003	FORGED BRASS WITH VALVES	17.70 \$
GHT-1004	GREY PLASTIC WITH VALVES	4.10 \$
GHT-1005	GREY PLASTIC WITH VALVES, HEAVIER PATTERN	5.45 \$
GHT-1006	CAST ZINC WITH VALVES	10.90 \$

GARDEN HOSE WASHERS



GHT-101



GHT-102



GHT-103

PART NO.	DESCRIPTION	PRICE EACH
GHT-101	RUBBER	0.20 \$
GHT-102	STAINLESS SCREEN	0.55 \$
GHT-103	VINYL	0.21 \$

SWIVEL FEMALE COUPLING



PART NO.	DESCRIPTION	PRICE EACH
GHT-1007B	BRASS GHT	6.60 \$
GHT-1007BC	BRASS CHROME GHT	8.60 \$

LONG SHANK MALE GARDEN INSERT



**BRASS
BRASS CHROME
AND
STAINLESS STEEL**

PART NO.	DESCRIPTION	PRICE EACH
GHT-2001B	1/2" BRASS	7.70 \$
GHT-2001BC	1/2" BRASS CHROME	9.70 \$
GHT-2001SS	1/2" STAINLESS STEEL	14.70 \$
GHT-2002B	5/8" BRASS	7.70 \$
GHT-2002BC	5/8" BRASS CHROME	9.70 \$
GHT-2002SS	5/8" STAINLESS STEEL	14.70 \$
GHT-2003B	3/4" BRASS	7.70 \$
GHT-2003BC	3/4" BRASS CHROME	9.70 \$
GHT-2003SS	3/4" STAINLESS STEEL	14.70 \$

LONG SHANK FEMALE GARDEN HOSE INSERT



**BRASS
BRASS CHROME
AND
STAINLESS STEEL**

PART NO.	DESCRIPTION	PRICE EACH
GHT-3001B	1/2" BRASS	8.40 \$
GHT-3001BC	1/2" BRASS CHROME	10.40 \$
GHT-3001SS	1/2" STAINLESS STEEL	26.40 \$
GHT-3002B	5/8" BRASS	8.40 \$
GHT-3002BC	5/8" BRASS CHROME	10.40 \$
GHT-3002SS	5/8" STAINLESS STEEL	26.40 \$
GHT-3003B	3/4" BRASS	8.40 \$
GHT-3003BC	3/4" BRASS CHROME	10.40 \$
GHT-3003SS	3/4" STAINLESS STEEL	26.40 \$

MALE COUPLING



PART NO.	DESCRIPTION	PRICE EACH
GHT-1008B	BRASS GHT	4.20 \$
GHT-1008BC	BRASS CHROME GHT	6.20 \$

P2261-1

GARDEN HOSE COUPLINGS & ADAPTERS

MALE GHT TO MALE PIPE



PART NO.	DESCRIPTION	PRICE EACH
GHT-1708B	BRASS GHT X 1/4" NPT	6.80 \$
GHT-1708BC	BRASS CHROME GHT X 1/4" NPT	9.00 \$
GHT-1709B	BRASS GHT X 3/8" NPT	7.00 \$
GHT-1709BC	BRASS CHROME GHT X 3/8" NPT	9.20 \$
GHT-1710B	BRASS GHT X 1/2" NPT	6.30 \$
GHT-1710BC	BRASS CHROME GHT X 1/2" NPT	8.50 \$
GHT-1710SS	STAINLESS STEEL GHT X 1/2"	19.80 \$
GHT-1720BC	BRASS CHROME GHT X 3/4"	8.80 \$
GHT-1720SS	STAINLESS STEEL GHT X 3/4"	26.40 \$

BRASS NOZZLE FEMALE GHT

NOZZLES WITHOUT SHUT-OFFS

GHT-3000-B



GHT-3001-B



PART NO.	DESCRIPTION	PRICE EACH
GHT-3000B	MINIATURE BRASS TAPERED NOZZLE WITH 1/8" ORIFICE	4.20 \$
GHT-3001B	LONG BRASS TAPERED NOZZLE WITH 1/4" ORIFICE	11.40 \$

TWIST SHUT-OFF NOZZLES

GHT-3020-B



GHT-3021-B



GHT-3022-B



PART NO.	DESCRIPTION	PRICE EACH
GHT-3020B	MINIATURE BRASS TWIST NOZZLE	9.50 \$
GHT-3021B	4" LONG BRASS TWIST NOZZLE	5.40 \$
GHT-2022B	ILMOUR HEAVY-DUTY TWIST NOZZLE WITH RUBBER GRIP	16.50 \$

GREEN PLASTIC FOG NOZZLE

GHT-4020-GP



PART NO.	DESCRIPTION	PRICE EACH
GHT-4020-GP	MINIATURE BRASS TWIST NOZZLE	18.40 \$

PISTOL GRIP NOZZLES

GHT-4030



GHT-4031



GHT-4032



PART NO.	DESCRIPTION	PRICE EACH
GHT-4030	STANDARD NOZZLE, TEAL COLOR	12.10 \$
GHT-4031	THREADED FRONT & RUBBER CAP	12.90 \$
GHT-4032	BRASS NOZZLE INSERT & RED FOR HOT WATER	15.40 \$

TRIGGER GUARD NOZZLE

GHT-4052



PART NO.	DESCRIPTION	PRICE EACH
GHT-4052	INSULATED NOZZLE	22.90 \$

CHARLAND THERMOJET INC

HR-1

Mélangeurs et Stations à Boyaux

16350 Boul. Gouin Ouest, Ste-Geneviève, Québec H9H 1E1

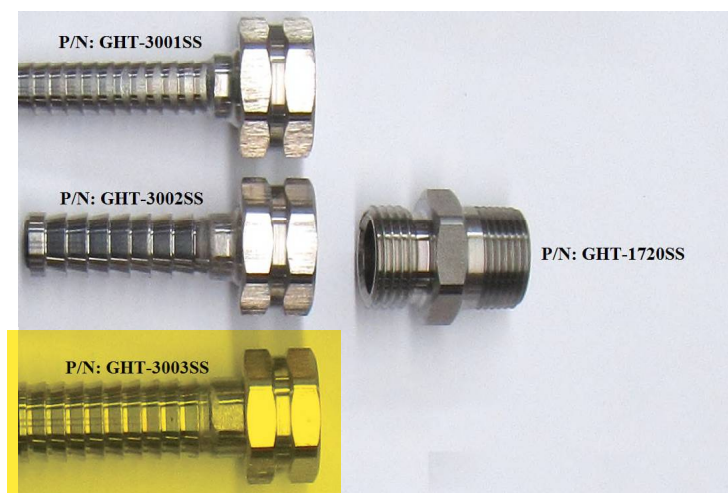
Sans frais Tel : 1-800-624-4709 (514)624-4772 Fax : 624-4776

Courriel : info@charlandthermojet.com Web: www.charlandthermojet.com

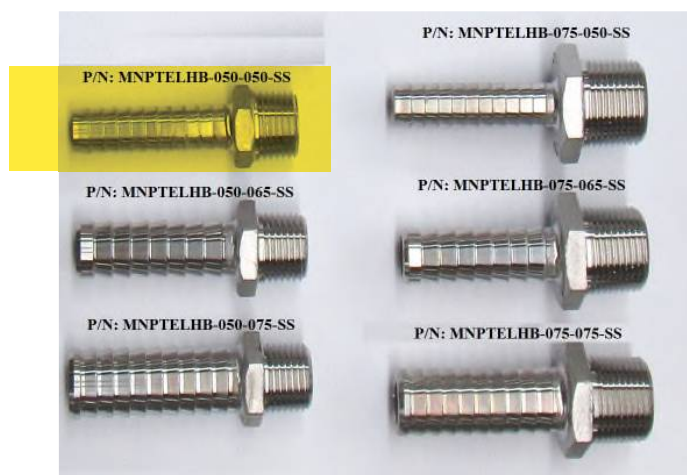
P2261-1

ADAPTATEURS CHARLAND THERMOJET EN ACIER INOXYDABLE CHARLAND THERMOJET STAINLESS STEEL ADAPTERS

P/N :	DESCRIPTION
GHT-3001SS	1/2" (13mm) BARBILLON 2" (50.8mm) X TYPE JARDINS FEMELLE TOURNANT 3/4" (19mm) 1/2" (13mm) BARB 2" (50.8mm) X GARDEN HOSE TYPE FEMALE SWIVEL 3/4" (19mm)
GHT-3002SS	5/8" (16mm) BARBILLON 2" (50.8mm) X TYPE JARDINS FEMELLE TOURNANT 3/4" (19mm) 5/8" (16mm) BARB 2" (50.8mm) X GARDEN HOSE TYPE FEMALE SWIVEL 3/4" (19mm)
GHT-3003SS	3/4" (19mm) BARBILLON 2" (50.8mm) X TYPE JARDINS FEMELLE TOURNANT 3/4" (19mm) 3/4" (19mm) BARB 2" (50.8mm) X GARDEN HOSE TYPE FEMALE SWIVEL 3/4" (19mm)
GHT-1720SS	3/4" (19mm) MALE NPT X TYPE JARDINS MALE 3/4" (19mm) 3/4" (19mm) MALE NPT X GARDEN HOSE TYPE MALE 3/4" (19mm)



P/N :	DESCRIPTION
MNPTELHB-050-050-SS	1/2" (13mm) MALE NPT X 1/2" (13mm) BARBILLON 2" (BARB) (50.8mm)
MNPTELHB-050-065-SS	1/2" (13mm) MALE NPT X 5/8" (16mm) BARBILLON 2" (BARB) (50.8mm)
MNPTELHB-050-075-SS	1/2" (13mm) MALE NPT X 3/4" (19mm) BARBILLON 2" (BARB) (50.8mm)
MNPTELHB-075-050-SS	3/4" (19mm) MALE NPT X 1/2" (13mm) BARBILLON 2" (BARB) (50.8mm)
MNPTELHB-075-065-SS	3/4" (19mm) MALE NPT X 5/8" (16mm) BARBILLON 2" (BARB) (50.8mm)
MNPTELHB-075-075-SS	3/4" (19mm) MALE NPT X 3/4" (19mm) BARBILLON 2" (BARB) (50.8mm)



CHARLAND THERMOJET INC

Mixing units, wash down and hoses stations

16350 Blv. Gouin Ouest, Ste-Geneviève, Québec H9H 1E1

Toll free : 1-800-624-4709 Tel : 514-624-4772 Fax : 514-624-4776

Email : charlandthermojet@videotron.ca Web : www.charlandthermojet.com

P2261-1

INDUSTRIAL HOSES FOR GENERAL PURPOSE

High quality industrial hoses for general applications. Perfect for transporting air or liquids depending on the needs. Available in several size.



Applications :	General purpose for air or water line inside or outside.				
Cover :	Red smooth weather and abrasion resistant PVC.				
Reinforcement :	Multiple layers of synthetic yarns.				
Tube :	Black oil resistant PVC blend.				
Temperature :	- 30 °C to 70 °C (-22 °F to 160 °F).				
Nominal I. D.	Nominal O. D.	PSI	WT. (pound)	Standard pkg	Part number
1/4"	0.55"	250	0.13	300'	GP-025-250
25' 3/8"	0.71"	250	0.19	300'	GP-038-250
3' 1/2"	0.87"	250	0.27	300'	GP-050-250
3/4"	1.16"	250	0.42	300'	GP-075-250
1"	1.42"	200	0.54	300'	GP-100-200
1-1/4"	1.73"	150	0.64	100'	GP-125-150
1-1/2"	2.05"	150	0.74	100'	GP-150-150
2"	2.60"	150	1.01	100'	GP-200-150
Cut lengths :	Plus 5%				
Standard Lengths :	1/4" – 1" 50' / 100' / 300'. 1-1/4" – 2" 50' / 100'.				
Recommended couplings	High pressure 1/2"-1" for air service if working pressure exceeds 150 PSI. High pressure, short shank, universal, or combination nipples for all other sizes, or if used in water service.				



For more information or any questions please contact us.

P2261-1

**COLLIERS DE SERRAGE
AVEC BOUCLE À POINÇON – DE LARGEUR 5/8”**
CENTER PUNCH CLAMPS – 5/8” WIDE



DIAMÈTRE INTÉRIEUR <i>INSIDE DIAMETER</i>	NO DE PIÈCE ACIER INOXYDABLE <i>PART NO</i> <i>STAINLESS STEEL</i>	
1	CPS-04	
1-1/4	CPS-05	
1-1/2	CPS-06	
1-3/4	CPS-07	
2	CPS-08	
2-1/4	CPS-09	
2-1/2	CPS-10	
2-3/4	CPS-11	
3	CPS-12	
3-1/2	CPS-14	
4	CPS-16	
4-1/2	CPS-18	
5	CPS-20	
6	CPS-24	
7	CPS-28	
8	CPS-32	
COLLIERS DE SERRAGE AVEC BANDE DE LARGEUR 3/8” / CENTER PUNCH CLAMPS - 3/8” WIDE		
13/16	CPS-03	
1-3/8	CPS-311	
2	CPS-316	

P2260-1

P/N : : PRE-RINSE-01

Pré-Rinçage Pulvérisateur avec Poignée de Préhension Évier Haute Pression Tête de Pulvérisation pour Robinet de Cuisine Pré- Rinçage Commercial, Fini Chrome

*Pre-rinse spayer with grip handle high pressure sink kitchen faucet spray
head commercial pre-rinse, Chrome finish.*

