

Quality People. Building Solutions.

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

Date: 2/12/2024

Return Request: 2/22/2024

Project: Arkansas Children's Hospital – 4D Renovations

Supplier: Sanders Supply Manufacturer: Various Submittal: Plumbing Fixtures Submittal Number: 22 00 00-01

Drawing # and Installation: Plumbing Drawings

ARCHITECT

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

GENERAL CONTRACTOR

Nabholz 612 Garland St. Conway, AR 72032 501-505-5800

ENGINEER

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

MECHANICAL SUBCONTRACTOR

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

Notes:

*No Spec Section

chowell@comfortar.com

Arkansas Childrens Hospital 4D

Little Rock, AR

Comfort Systems USA
North Little Rock, AR

Plumbing Submittals

Sanders Supply



Hot Springs, AR

February 7, 2024

ACH 4D Renovations

Plumbing Fixture Schedule Index

TAB	<u>Description</u>
-----	--------------------

WC-1 Water Closet

LV-1 Lavatory

SH-1 Shower

WC-1



Exposed Flush Valve for Water Closets

TAG WC-1

Architectural/Engineering Specification:

Exposed, quiet diaphragm-type, chrome plated flushometer valve with a polished exterior. Complete with a chloramine resistant, dual seal diaphragm with a clog resistant by-pass. The valve is ADA compliant with a non-hold open and no leak handle feature. Internal seals are made of chloramine resistant materials.

Product Features:

- Control Stop has internal siphon-guard protection, sweat solder kit, wall flange with set screw.
- High back pressure vacuum breaker with one piece hex coupling nut
- · Chloramine resistant Internal seals
- · Adjustable tailpiece
- · Spud coupling and flange for top spud connection

Valv	e Height Options:	
	Product No.	Α
Z	Z6000	11 1/2" [292]
	Z6000-1	16 [406]
	Z6000-2	24" [610]
	Z6000-3	27" [686]

Compliance and Certification:

ADA Compliant



*This product should be used with a WaterSense labeled counterpart with a compatible flow volume to ensure that the entire system meets the requirements for water efficiency and performance.



Flow Options:

riow Options.					
	Flush Volume	Dual Flush	WaterSense* Labeled		
ONE**	1.1 gpf	1	✓		
✓ -HET**	1.28 gpf		✓		
□ -W61	1.0 gpf	1.6/1.1 gpf			
☐ -Standard	3.5 gpf	3.5/2.4 gpf			

Suffix Options:

	-BG	BioCare Handle
	-DF	Dual Flush Handle (See Chart Above)
	-H	Handle on Front of Flush Valve
	-L	1" [25] Metal Push Button
	-VC	Vandal Resistant Stop Cover
	-YJ	Split Ring Pipe Support
	-YK	Solid Ring Pipe Support
Jpg	rade O _l	
	-PL	Aquaflush Plus - includes Vandal Resistant
		Stop Cover and Proprietary Dezincification
		resistant low lead brass alloy body.

Triple Filter By-pass

☐ -TFB

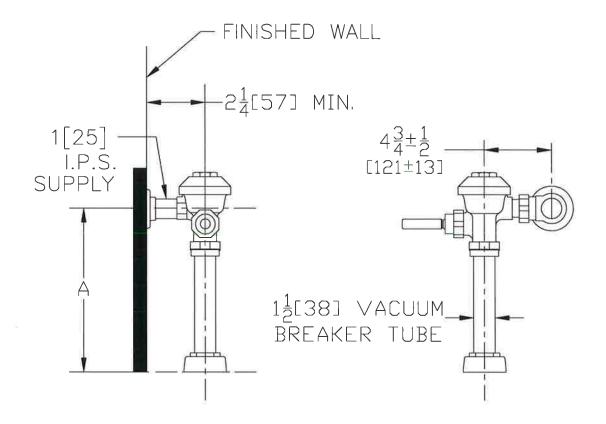
The information contained in this document is subject to change without notice. Please contact Zurn for most up to date information.

^{**} Not available w/-TFB



Exposed Flush Valve for Water Closets

Rough-in/Overview dimensions





COMMERCIAL PLASTIC SEATS

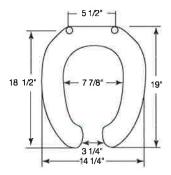
MODEL 2155CT

- ELONGATED SEAT, OPEN FRONT LESS COVER
- SOLID PLASTIC
- DURAGUARD® ANTIMICROBIAL AGENT
- → STA-TITE®, COMMERCIAL FASTENING SYSTEM™

Seats shall be No.______ as manufactured by Church Seats. Seats shall contain DuraGuard®, an antimicrobial agent. Seats shall be heavy weight and injection molded of solid plastic. Seats shall be open front less cover for elongated bowl and feature large molded-in bumpers. Seats shall have STA-TITE®, Commercial Fastening System™, featuring concealed check hinges with 300 Series stainless steel posts and pintles that stop seat 11 degrees beyond vertical. Color to be white.

Hinges shall be <u>2155CT / 2155SSCT</u>. (Circle model based on description below.)

DuraGuard® ANTIMICROBIAL



Ring thickness is 13/16" Ring thickness including the bumper is 1" Height of the seat is 2-1/4"



2155CT Concealed check hinge stops seat 11° beyond vertical

2155SSCT Self-sustaining, concealed stainless steel check hinge holds seat in any raised position up to 11° beyond vertical.









STATITE*



Assemble hinges.



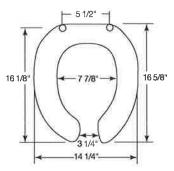
Finger-tighten fastening nuts.



Using wrench, tighten until lower portion shears off.



DuraGuard® ANTIMICROBIAL



Ring thickness is 13/16"
Ring thickness including the bumper is 1"
Height of the seat is 2-1/4"

COMMERCIAL PLASTIC SEATS

MODEL 2055CT

- · ROUND SEAT, OPEN FRONT LESS COVER
- SOLID PLASTIC
- DURAGUARD® ANTIMICROBIAL AGENT
- STA-TITE®, COMMERCIAL FASTENING SYSTEM™

Seats shall be No. ______ as manufactured by Church Seats. Seats shall contain DuraGuard®, an antimicrobial agent. Seats shall be heavy weight and injection molded of solid plastic. Seats shall be open front less cover for round bowl and feature large molded-in bumpers. Seats shall have STA-TITE®, Commercial Fastening System™, featuring concealed check hinges with 300 Series stainless steel posts and pintles that stop seat 11 degrees beyond vertical. Color to be white.

Hinges shall be <u>2055CT / 2055SSCT</u>. (Circle model based on description below.)

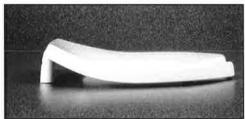
2055CT Concealed check hinge stops seat 11° beyond vertical.

2055SSCT Self-sustaining, concealed stainless steel check hinge holds seat in any raised position up to 11° beyond vertical.





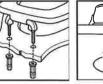




STATITE*



Assemble hinges. Fir



Finger-tighten fastening nuts.



Using wrench, tighten until lower portion shears off.

For Commercial Applications Job Name ACH 4D Contractor Comfort Systems USA Approval Engineer Cromwell Approval Approval Representative Sanders Supply

ISCA-101-L/R

Industry Standard Single Horizontal Adjustable Closet Carrier

Specification

Watts ISCA-101-L/R *Industry Standard* single horizontal adjustable water closet carrier with epoxy coated cast iron fitting, 4"(102) no hub waste and 2"(51) no hub vent connections, epoxy coated cast iron patented compression seal faceplate assembly, and epoxy coated cast iron foot supports with incremental height markings. Adjustable for standard and wheelchair height, adjustable ABS nipple with integral test cap and neoprene bowl gasket, plated hardware and chrome cap nuts. Carrier complies with requirements of ASME A112.6.1M up to a 500 lb. (227 kg.) static load.

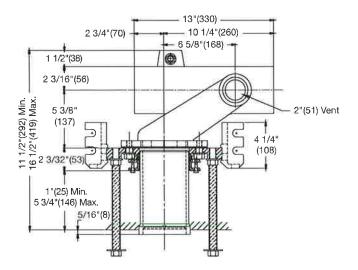
Options (Select One or More) Suffix Description			
-3	3" No Hub Fitting		
-36	36" Long Barrel Fitting		
-CA-100-EXT	Aux. Support System w/Extended Nipple		
-CI	Cast Iron Nipple		
-HS	Hub & Spigot Connections		
-M1	ABS Extended Nipple		
	(Up to 24")		
-M11	Tiling Frame		
-M20	Flush Valve Support		

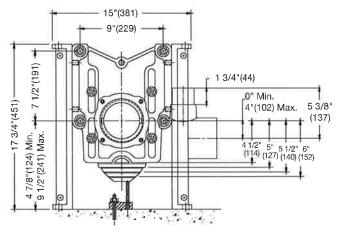
Please refer to watts.com for BAA information on specific models.

NOTICE

Anchor legs to concrete floor with minimum 1/2"(13) anchor bolts (by others).

Dual slotted carrier feet require one 1/2"(13) anchor bolt per foot.





Note: Left hand carrier shown; right hand

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



USA: T: (800) 338-2581 • F: (828) 248-3929 • Watts.com **Canada:** T: (888) 208-8927 • F: (888) 479-2887 • Watts.ca **Latin America:** T: (52) 55-4122-0138 • Watts.com

Latin America: 1, (52) 55-4122-0156 • Walls.com

ES-WD-ISCA-101-L/R 2023

LV-1

TES

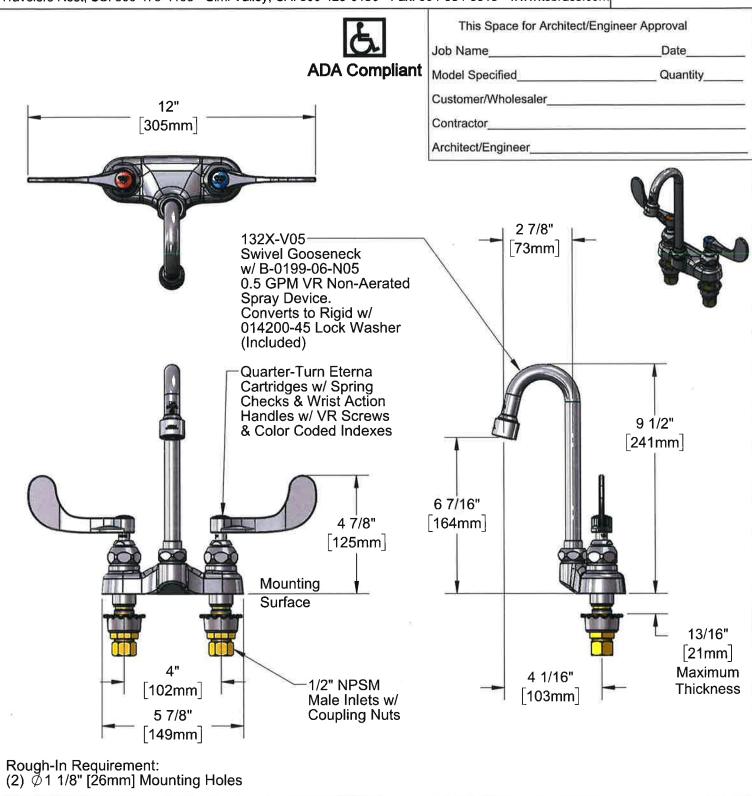
T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690 Model No.

B-0892-VF05

Item No.

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



Product Specifications:

4" Centerset Deck Mount Mixing Faucet, Quarter-Turn Eterna Cartridges w/ Spring Checks, 4" Wrist Action Handles w/ VR Screws, 2 7/8" Swivel Gooseneck, 0.5 GPM VR Non-Aerated Spray Device & 1/2" NPSM Male Inlets

Product Compliance:

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

Drawn: DMH Checked: JRM Approved: JHB Date: 09/27/18 Scale: 1:4 Sheet: 1 of 2

TES

T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove / P.O. Box 1088 Travelers Rest, SC 29690 Model No.

B-0892-VF05

Item No.

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



ITEM NO.	SALES NO.	DESCRIPTION
1	B-0199-06-N05	VR 0.5 GPM Non-Aerated Spray Device, 55/64-27 UN Female w/ Key
2	132X-V05	2 7/8" Swivel Gooseneck w/ 0.5 GPM VR Non-Aerated Spray Device & Key
3	009538-45	Swivel Washer
4	011429-45	Swivel Sleeves (2)
5	001074-45	O-Ring
6	014200-45	Star Washer, Anti-Rotation
7	018506-19NS	Blue Button Index, Press-in
8	B-WH4-NS	Wrist Action Handle (New Style)
9	B-WH4C-NS	Wrist Action Handle, Blue Index & Screw
10	012442-40NS	Quarter-Turn Eterna Cartridge w/ Spring Check, LTC
11	001000-45	Rosette Washer
12	002954-45	Shank Lock Nut
13	000958-20	Coupling Nut
14	012443-40NS	Quarter-Turn Eterna Cartridge w/ Spring Check, RTC
15	B-WH4H-NS	Wrist Action Handle, Red Index & Screw
16	VRS-2	VR Wrist Action Handle Screw (2) w/ Spanner Bit
17	001193-19NS	Red Button Index, Press-in



015425-45 VR Aerator Key



014075-45 #10 Spanner Bit

Product Specifications:

4" Centerset Deck Mount Mixing Faucet, Quarter-Turn Eterna Cartridges w/ Spring Checks, 4" Wrist Action Handles w/ VR Screws, 2 7/8" Swivel Gooseneck, 0.5 GPM VR Non-Aerated Spray Device & 1/2" NPSM Male Inlets

Product Compliance:

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

Drawn: DMH Checked: JRM Approved: JHB Date: 09/27/18 Scale: NTS Sheet: 2 of 2



McGuire Manufacturing Co., Inc.

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

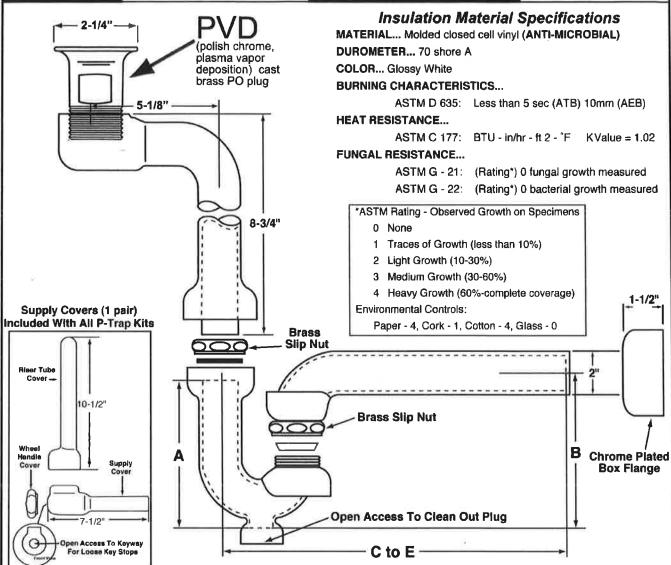
PRODUCT SPECIFICATION

Part No.

PW2125HDWC

Seamless PreWrapped Cast P-Trap Insulation Kit with PreWrapped HD Offset PO Plug

Job Name: Submittal Number:



ROUGHING MEASUREMENTS				
NO. P-TRAP DIMENSIONS A B				
PW2125HDWC	1-1/4" - 17 G.A 11" C to E	5"	4-1/2"	

PROWRAP®

Rated Operating Temperature: 40-140°F
 Note: 180°F max-during temporary high-temperature

A.D.A.

MADE IN USA
U.S. PATENT
5,341,830 5,586,588
5,904,175 5,911,237
7,795,623 5,678,598

See options and accessories section for details on product variations.

Specifications:

Seamless prewrapped adjustable cast brass P-Trap kit with prewrapped offset HD (heavy duty) PVD (polish chrome, plasma vapor deposition) cast brass PO plug with overflow. Furnished with McGuire cast brass P-Trap with cleanout, offset grid assembly, seamless riser tube covers, supply angle stop wheel handle covers, and chrome plated box flange.



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



McGuire Manufacturing Co., Inc.

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

LFBV2165

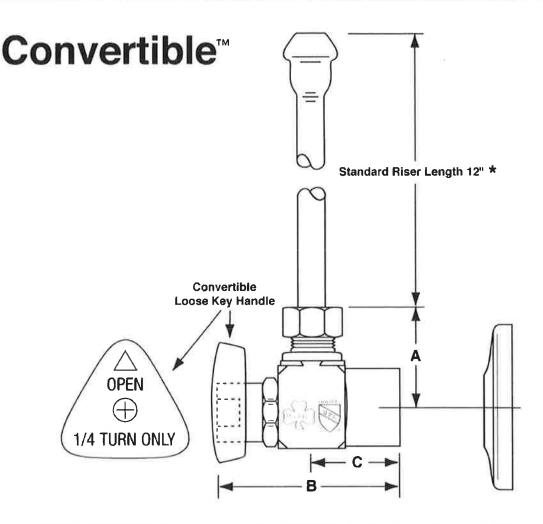
Part No.

Quarter-Turn Brass Ball Valve Lavatory Supply

PRODUCT SPECIFICATION

Job Name:

Submittal Number:



NO.	DESCRIPTION	ROUGHING MEASUREMENTS		REMENTS
NO.	DESCRIPTION	A	В	C
LFBV2165	1/2" I.P.S. x 3/8" O.D.	1-3/16"	2-3/16"	1"



* See options and accessories section for details on product variations.

Specifications:



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

SH-1



G 4837 SH 1S

OD: 48" x 37" x 78"

Weight: 155 Load Factor: 1.06 Handed By: Seat L/R

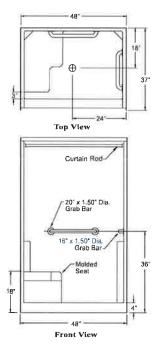
This unit complies with ANSI Z124.2, ASTM F462, ASTM E84, UPC, SBCCI, NAHB.

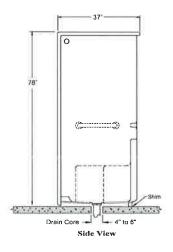
Warranty: Gelcoat models have a 3 year limited warranty. Acrylic models have a 5 year limited warranty. Pumps, parts, and accessories 1 year limited warranty. For further details please refer to the complete warranty section.

Oue to the nature of the materials, dimensions may vary $\pm 1/2$ ".



Protegraph Mintmits Package Une - Handed by Sear Late





FRAMING DIMENSIONS

Α	В	С	D
$48\frac{1}{4}^{*}$	37"	18"	19"

« Refer to pages 67 & 68 to view corresponding froming detail.

PKG ONE - ACCESSIBLE: G 4837 SH 1S

- 4" Threshold
- Shin
- ◆ Handed by Seat L/R
- · White Polyester Gelcoat Finish

Factory Installed Accessories (Valve not included):

- * S-Bar 16" x 1.5" Smooth SS
- * S-Bar 20" x 1.5" Smooth SS
- Molded 18" H Seat
- 1" OD 18 Gauge SS Curtain Rod with Rod Cups

BUILD TO ORDER BASE PLUS ACCESSORIES

BASE UNIT 1: G 4837 SH 1S

- Specify Threshold Height
- Shim
- → Handed by Seat L/R
- Reinforced for Standard Accessories

BASE UNIT OPTIONAL ACCESSORIES

Standard Finish - Polyester Gelcoat:

White

- Bone
- Biscuit

Premium Finish - CenturyStone™ Solid Surface:

Solid - White, Bone or Biscuit

• Natural - Granite Finishes

Grab Bars

- S-Bar 16" x 1.5" Smooth SS
- * S-Bar 16" x 1.25" Smooth White CC
- S-Bar 16" x 1.25" Peened SS
- * S-Bar 20" x 1.5" Smooth SS
- * S-Bar 20" x 1.25" Smooth White CC
- S-Bar 20" x 1.25" Peened SS

Factory Modifications

- Valve Drilling Specify Hole Size
- * Nurse Call Box Drilling Specify Location
- 3.25" Threshold
- Wood Reinforcement for HUD
- Full Wood Reinforcement
- ArmorShield P3 Protection
- * Install 30" Slide Bar / HS Kit
- * Install SS Soap Dish Recessed
- Install Standard Symmons Valve Package
- 1" OD 18 Gauge SS Curtain Rod with Rod Cups
- 1" OD 18 Gauge White Curtain Rod with Rod Cups
- * Curtain Rod U-Cup Holder Pair

Field Installed Accessories (Shipped Loose)

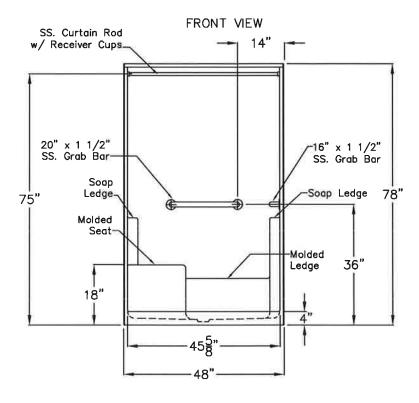
- * No Caulk Drain Chrome
- * Curtain Premium 54" x 72" White Nylon Weighted
- * Curtain Heavy Duty 54" x 72" White Vinyl Weighted

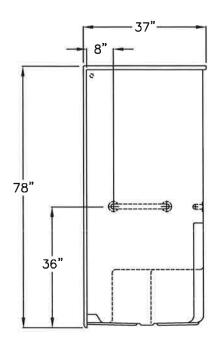
rev. 100110



Special Needs Series SUBMITTAL DATA

SIDE VIEW





Accessible Shower Stall

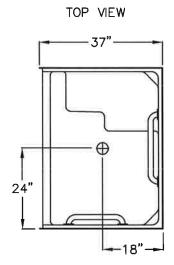
The shower enclosure shall be Aquarius model G 4837 BF 1S right or left. Finished surface shall be of a sanitary grade applied acrylic. The base shall be attached to the sump of the unit in such a manner to form an integral part with an inner and outer coating of polyester resin.

The unit shall have outside dimensions of $48^{\circ} \times 37^{\circ} \times 78^{\circ}$. Unit complies with UPC, CSA B45.5, HUD-UM73, ANSI Z124.1.2 and Home Innovation Research Lab.

The enclosure shall be equipped with the following installed accessories:

1) One 20" \times 1 1/2" diameter stainless steel grab bar horizontal on the back wall, 2) One 16" \times 1 1/2" diameter stainless steel grab bar horizontal on the valve side wall, both with 1 1/2" statute clearance, mounted from the rear with stainless steel bolts, and 3" \times 3" \times 11 gauge metal mounting plates, 3) One inch diameter stainless steel curtain rod with receiver cups, 4) Molded seat, 5) Molded ledges, 6) 4.0" Threshold.

Available Options: 7) vertical grab bar, 8) recessed soap dish, 9) Nurses call box drilling, 10) Valve package with hand shower.

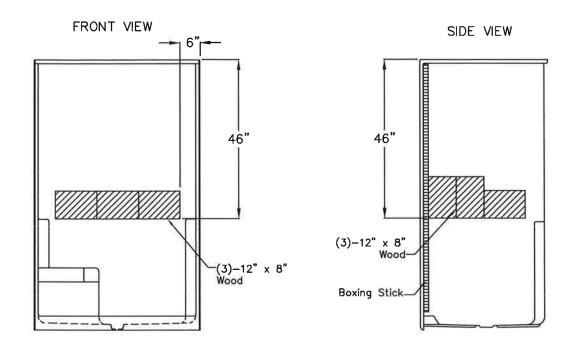


DUE TO THE NATURE OF THE MATERIALS DIMENSIONS MAY VARY ± 1/2

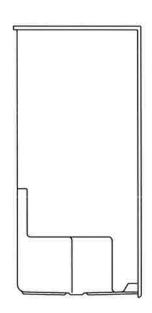
Job Name: AQUARIUS		JARIUS	
Approved By Print Name:		Drawing#: G4837	SH 1S 4.0 MS HBW HSW CR
Approved By Signature:	Date:	Date: 4-18-98	Revised: 10-13-16
Rep.:	Wholesaler:	Quote No.:	

PRAXIS INDUSTRIES, LLC. 435 INDUSTRIAL RD — SAVANNAH, TN 38372 1 (800) 443—7269 — FAX (731) 925—7656

Board Placement SUBMITTAL DATA



SEAT SIDE VIEW



DRAWG INDUSTRIES IN C			
Rep.:	Wholesaler:	Quote No.:	
Approved by Signature:	Date:	Date: 6-9-00	Revised: 10-13-16
Approved by Print Name:		Drawing#: G4837 SH	1S 4.0 MS HBW HSW CR-BP
Job Name:		AQUARI	US

PRAXIS INDUSTRIES, LLC. 435 INDUSTRIAL RD - SAVANNAH, TN 38372 1 (800) 443-7269 - FAX (731) 925-4290



AQUATROL® COMBINATIONS





4500 AQUATROL® Pressure Actuated Mixer

- Durable stainless steel balancing piston to equalize hot and cold supply pressures.
- Built-in shutoff for single handle operation
- Removable one piece upper and lower valve seat
- Internal parts of bronze and stainless steel
- Cast wall flange and lever handle, polished chrome plated
- Maximum operating pressure: 125 PSIG (860KPA)
- Adjustable high temperature limit stop set for 110°F* (43°C)
- Color coded dial, Off through Hot, with directional indicators
- Angle checkstops, copper tube connection
- Plasterguard/thin wall mounting bracket included.
- H-05 ABS shower head, brass ball joint adjustable spray, arm and flange, 2.5 GPM, (9.51/min)
- D2L Inline diverter valve with lever handle ½" copper tube connections.
- 501P(G) 24" glide rail, 2.5 GPM (9.5 l/min) max flow rate
- Double check valve assembly

Valve is ASSE · 1016 Certified Valve is CSA · B.125-05 Certified





OPTIONS:

SUFFIX H-03 large brass ball joint shower head in place of H-05
SUFFIX H-15 adjustable spray ball joint massage shower
head 1.5GPM (5.7 l/min.) high-impact ABS body
chrome plated
SUFFIX H-06 Institutional shower head in place of H-05
SUFFIX H-06-1.5 Institutional shower head 1.5GPM (5.7

l/min.) in place of H-05 SUFFIX AP Anchor plate with screws for H-06

SUFFIX 501P(G)-30 30" glide rail in place of 24" glide rail on 501P(G)

__SUFFIX 515P(G) 1.5GPM (5.7 l/min.) 24"glide rail in place of 501P(G)

__SUFFIX 515P(G)-30 1.5GPM (5.7 l/min.) 30"glide rail in place of 501P(G)

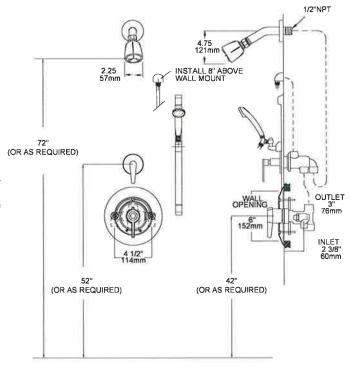
__SUFFIX RV Reinforced vinyl hose on hand shower

___SUFFIX QD Quick disconnect on hand shower

Note: Leonard Valve Company reserves the right of product, or design modifications without notice or obligation.

Engineer's Approval	Job #
	Arch/Eng.
	Contractor

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WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to



1360 Elmwood Avenue, Cranston, RI 02910 USA Phone: 401.461.1200 Fax: 401.941.5310

Email: http://www.leonardvalve.com

Couplings: Flex, ProSeal & No-Hub · Drains Test Caps & Plugs · Cleanout Plugs · Cover Plates



2" Quick Set Shower Drain

For Fiberglass Shower Stalls

- Internal locknut and gasket for 2" DWV
- Brass body and locknut
- · Stainless steel strainer



PART NUMBER	PIPE SIZE
7980	2"
7980-G	2"

Brass Utility Drain

- · Brass body
- · Stainless steel strainer



PART NUMBER	IPS
1170	1-1/2"
1171	2"

Bell Traps

· Protected with TechCoat Finish



Complete Bell Trap

PART NUMBER	DESCRIPTION
76302	6" x 6" x 2" No-Hub

Strainer Only

PART NUMBER	DESCRIPTION
76412	4-7/8" for 6" x 6"