



**WEAVER CONSTRUCTION MANAGEMENT COMPANY**  
 3679 S. Huron St., Suite 404  
 Englewood, CO 80110  
 Phone: (303) 789-4111 FAX: (303) 789-4310

**SUBMITTAL TRANSMITTAL**

January 20, 2012  
**Submittal No: 15400-005**

**PROJECT:** **Harold Thompson Regional WRF**  
 Birdsall Rd.  
 Fountain, CO 80817  
 Job No. 2908

**ENGINEER:** **GMS, Inc.**  
 611 No. Weber St., #300  
 Colorado Springs, CO 80903  
 719-475-2935 Roger Sams

**OWNER:** **Lower Fountain Metropolitan  
 Sewage Disposal District**  
 901 S. Santa Fe Ave.  
 Fountain, CO 80817  
 719-382-5303 James Heckman

**CONTRACTOR:** **Contract Mechanical Services, Inc.**  
 P.O.Box 63323  
 Colorado Springs, CO 80962  
 719-596-7717 Jeff Payne

**SUBJECT:** Plumbing Fixture Submittal and WCM Comments for the Equipment, Maintenance and Storage Bldg.

**SPEC SECTION:** 15400

**PREVIOUS SUBMISSION DATES:**

**DEVIATIONS FROM SPEC:** \_\_\_ YES X NO

**CONTRACTOR'S STAMP:** This submittal has been reviewed by WCM and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto:

**Contractor's Stamp:**

Date: 1/20/12  
 Reviewed by: H.C. Myers  
 ( X ) Reviewed Without Comments  
 ( ) Reviewed With Comments

**Engineer's Stamp:**

**ENGINEER'S COMMENTS:** \_\_\_\_\_



**Project:** HDTWRF Project

**Location:** Fountain, CO - Equipment, Maintenance and Storage Bldg.

**Engineer:** GMS Consulting

**Supplier:** Contract Mechanical Services – Jeff Payne

**Date:** 1/20/12

**Subject:** Plumbing Fixture Submittal Comments per WCM

**Submittal No.** 15400-005

1. HB, Woodford model 67 freezeless wall hydrant: Where is this going to be used? This wall hydrant is not called for on the drawings.
2. HB-2, Woodford model 24 wall faucet: Is this intended to be HB per the fixture schedule on sheet EM-9? This faucet will be pipe mounted on exposed piping so the wall box submitted should not be required.
3. RPZ, Apollo RPP backflow preventer: Are there some fittings required to catch the drainage from the relief valve from this backflow preventer?
4. Firebaugh Precast sand and oil separator: None of it's dimensions match the sizing chart shown on drawing sheet EM-9. Nothing is included in the submittal for use as riser material between the manhole rings at finished grade and the tank lid about 1.7 feet below finished grade.



**A Colorado Corporation Since 1968**

PHONE (719) 471-7200 FAX (719) 471-2004  
P.O. BOX 1089 • COLORADO SPRINGS, CO 80901  
1801 N. UNION BLVD. • COLORADO SPRINGS, CO 80909

CONTRACT MECHANICAL SERVICE

SUBMITTALS

FOR JOB

HDT WRF BLDG

**For Commercial Applications**

Job Name \_\_\_\_\_ Item Designation \_\_\_\_\_

Job Location \_\_\_\_\_ Contractor \_\_\_\_\_

Engineer \_\_\_\_\_ Representative \_\_\_\_\_

Wall Thickness: \_\_\_\_\_ Inlet: P\_\_ C\_\_ (P1\_\_ EP\_\_ *MADE TO ORDER, NO RETURN*) Finish: CH\_\_ BR\_\_ PB\_\_

**Woodford**  
**Model 67**  
**Backflow Protected**  
**Automatic Draining**  
**Freezeless Wall Hydrant**

The Model 67 is an automatic draining, freezeless wall hydrant with hose connection Backflow Protection. The hydrant drains as handle is shut off, *even if hose is attached*. The Model 67 is designed to blend in with modern architecture for installation on restaurants, schools, office buildings, churches, apartments, motels, stores, shopping centers and industrial buildings.

**Sizes:** 4" - 24" (In 2" increments)  
 CC (Close Coupled) for non-freezing climates

**Features:**

- Drain port under nozzle diverts water away from building
- Red Brass head & valve body
- 3/8" solid brass operating rod
- Copper casing tubes
- Hardened stainless steel operating stem
- One piece valve plunger
- 4 inlet options
- Loose tee key operation
- No Lead Solder - All joints
- Supplied with adjustable wall clamp

**Specifications:**

- **HOSE CONNECTION BACKFLOW PREVENTER:**
  - NIDEL® Model 37HA with 3/4 inch male hose thread
  - ASSE Standard 1052 approved
  - IAPMO® listed
  - Field Testable
  - Two check valves

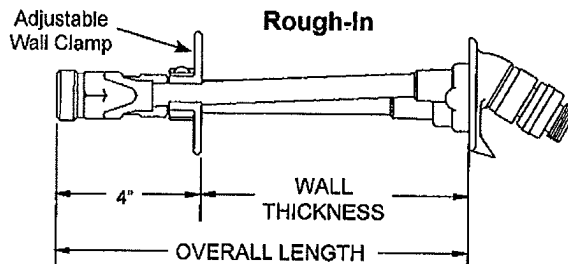
- **Maximum Working Pressure:** 125 p.s.i.
- **Maximum Temperature:** 120° F

**Specify as follows:**

Wall hydrant shall be Woodford Model 67, automatic draining with double check backflow preventer. ASSE Standard 1052 approved. 3/4" inlet and outlet (specify type of inlet). Hardened stainless steel operating stem and one-piece valve plunger to control both flow and drain functions. Exterior finish to be Chrome Plated (options: Polished Brass or Rough Brass). Loose tee key to be furnished with each hydrant. Wall thickness to be \_\_\_\_\_ inches.



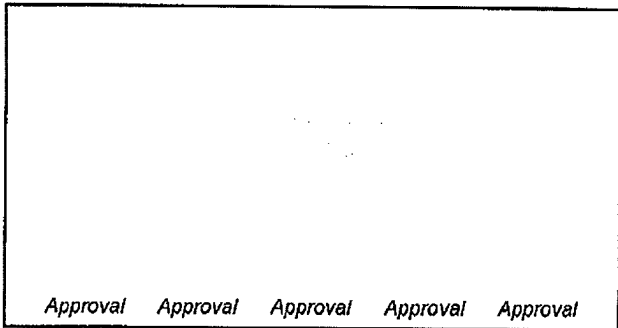
**Exterior Finish:**  
 Standard - Chrome (CH)  
 Optional - Brass (BR) Polished Brass (PB)  
 Fits one standard modular brick course.



Overall Length = Wall Thickness + Inlet  
 Close Coupled Overall Length = 5"

**Inlet Options**

- P - 3/4" Female Pipe Thread
- P1 - 1" Male Pipe Thread
- C - 3/4" Copper Water Tube
- EP - Union Elbow with 3/4" Male Pipe Thread



**WOODFORD MANUFACTURING COMPANY**  
 2121 WAYNOKA ROAD  
 COLORADO SPRINGS, CO 80915  
 Phone (800) 621-6032 Fax (800) 765-4115  
 Website: [www.woodfordmfg.com](http://www.woodfordmfg.com)  
 Email: [sales@woodfordmfg.com](mailto:sales@woodfordmfg.com)

The Model 24 and B24 are anti-siphon, vacuum breaker protected wall faucets designed for irrigation purposes in mild climate areas. The Model B24 is enclosed in a flush mounted wall box. Both models are designed to blend with modern architecture for installation on or in homes, service stations, churches, motels, drive-in restaurants, etc. The Model Y24 is designed to be used on a stand pipe in the lawn and garden, etc.

# Anti-Siphon Wall Faucets



## Model 24/B24/Y24

**SPECIFICATIONS:**

**VACUUM BREAKER - ANTI-SIPHON:**

- NIDEL® Model 34HF with 3/4 inch male hose thread
- ASSE Standard 1011 approved
- IAPMO® listed
- Canadian Standards Association

**EPDM PACKING:** Prevents leaking.

**PACKING NUT:** Adjustable brass nut with deep stem guard.

**VALVE SEAT:** Standard "O" size washer.

**HANDLES:** Furnished with polycarbonate wheel handle and loose tee key.

Optional: Metal wheel handle.

**INLETS:** Model 24 as shown below.  
 Model B24: 24P- 1/2" or 24P 3/4" only.  
 Model Y24: 3/4" FPT.

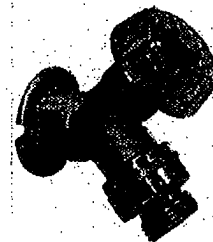
**MAX PRESSURE:** 125 p.s.i.

**MAX TEMPERATURE:** 120° F

**SHIPPING WEIGHT:** (per unit)

**MODEL 24 & Y24:** 1 lb

**MODEL B24:** 13 lbs (brass or chrome box)  
 6 lbs (aluminum box)

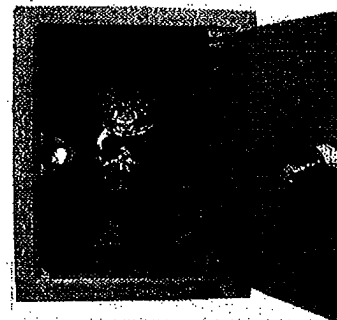


**MODEL 24** ←

**Exterior Finish:**

Standard - Chrome (CH)

Optional- Rough Brass (BR) or Polished Chrome (PC)



**MODEL B24**

**Exterior Finish:**

Standard - Chrome (CH)

Optional- Rough Brass (BR) or Polished Brass (PB)

Other Options: Anodized Aluminum Box (AL)



**MODEL Y24**

**Exterior Finish:**

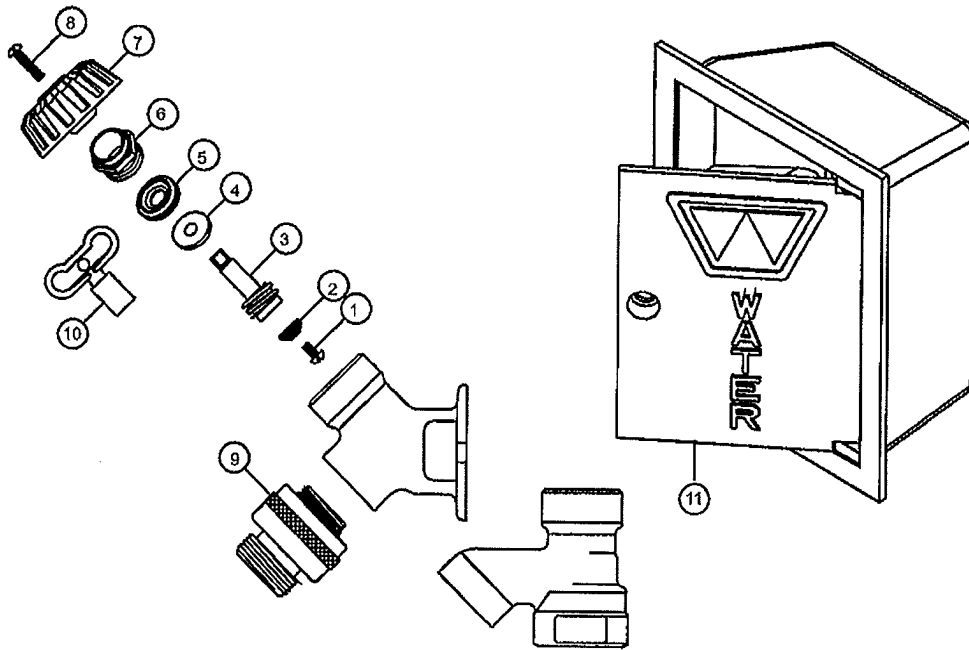
Standard - Chrome (CH)

Optional- Rough Brass (BR) or Polished Chrome (PC)

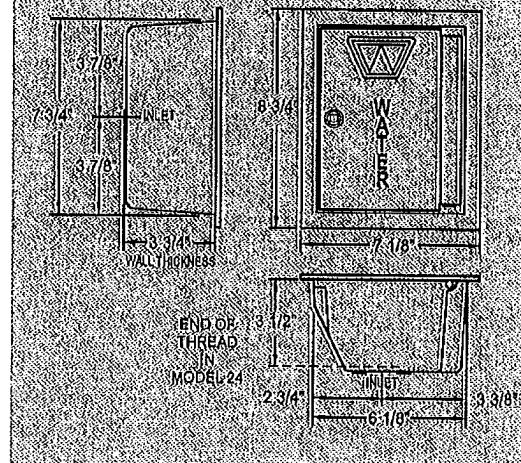
**Inlet Descriptions**

<p><b>MODEL 24/B24</b>                  R- 1/2" Inlet                  1/2" FPT                  R- 3/4" Inlet                  3/4" FPT</p>	
<p><b>MODEL 24 ONLY</b>                  C- R Inlet                  COMBINATION                  1/2" COPPER TUBE                  1/2" MPT</p>	
<p><b>MODEL 24 ONLY</b>                  C- Inlet                  COMBINATION                  1/2" COPPER TUBE                  3/4" COPPER TUBE</p>	

**For Installation / Troubleshooting Instructions go to [www.woodfordmfg.com](http://www.woodfordmfg.com) or call 1-800-621-6032**

**WOODFORD****MODEL 24/B24/Y24 PARTS LIST**

ITEM	PART#	DESCRIPTION
1	30008	Washer/Screw
2	30008	Washer
3	30104	Operating Stem
4	30105	Packing Support Washer
5	30247	BRDM Packing
6	30109	Packing Nut - Chrome
	30107	Packing Nut - Brass
7	30120	Wheel Handle - Clear
	30233	Wheel Handle - Tan
8	30121	Handle Screw - Nickel
	30002	Handle Screw - Brass
9	34HF-CH	34HF Vacuum Breaker - Chrome
	34HF-BR	34HF Vacuum Breaker - Brass
10	50009	Tee Key
11	B24BX	Box/Door Assembly - Chrome
	B24BX-BR	Box/Door Assembly - Brass
	B24BX-PB	Box/Door Assembly - Polished Brass
	B24BX-AL	Box/Door Assembly - Anodized Aluminum
	RK-24	Chrome Repair Kit (Includes Items 1-8)
	RK-H34	Brass Repair Kit (Includes Items 1-8)

**MODEL B24  
Rough-In Dimensions**

Manufactured under one or more of the following patents: U.S. Patents: 3,414,001; 3,543,786; 4,178,956; 4,316,481; D216,790; D216,791; D277,365; D277,366; Canada Patents: 822,458; 852,529; 865,995

For more information contact...

**WOODFORD MANUFACTURING COMPANY**

2121 Waynoka Road, Colorado Springs, Colorado 80915 • Phone: (800) 621-6032 • Fax: (800) 765-4115

To view our complete product line visit: [www.woodfordmfg.com](http://www.woodfordmfg.com) or email: [sales@woodfordmfg.com](mailto:sales@woodfordmfg.com)

A Division Of WCM Industries, Inc.

**DECLYN™ WALL-HUNG LAVATORY**

- Wall-hung sink
- Vitreous china
- Rear overflow
- Soap depression
- Faucet ledge
- Shown with 2000.101 Ceramix faucet (not included)

- 0321.026** With wall hanger (Illustrated)  
Faucet holes on 102mm (4") centers
- 0321.075** For concealed arms support  
Faucet holes on 102mm (4") centers

**Nominal Dimensions:**

470 x 432mm  
(18-1/2" x 17")

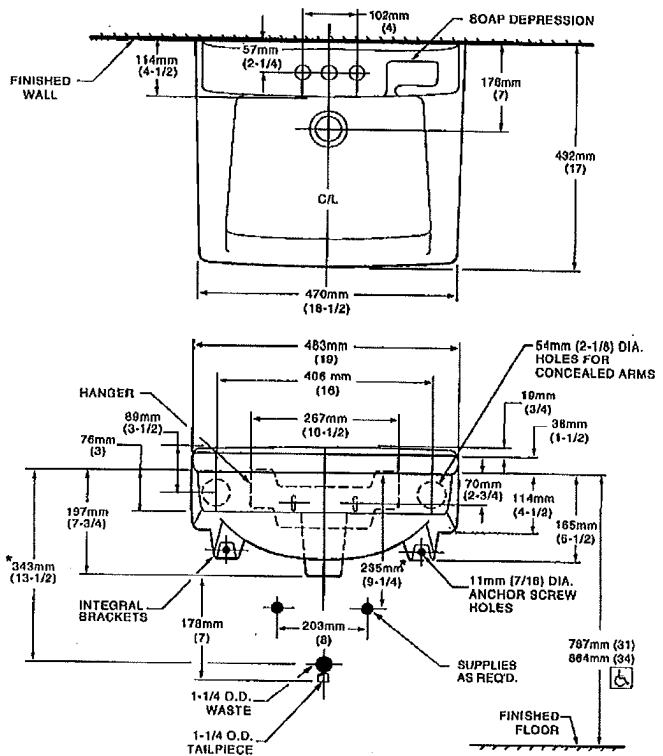
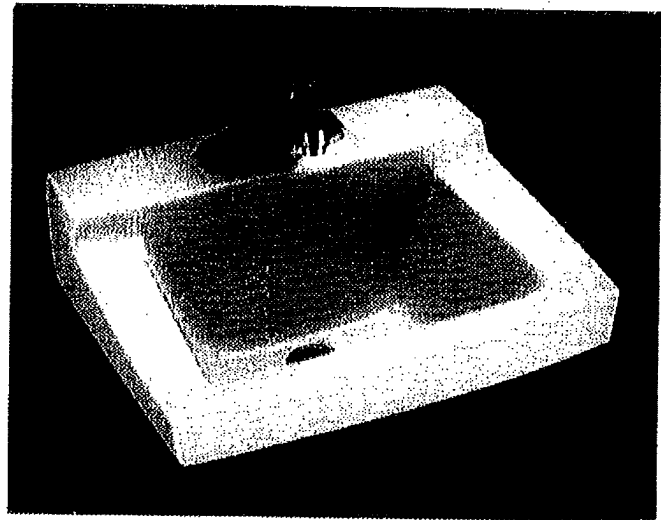
**Bowl sizes:**

362mm (14-1/4") wide  
273mm (10-3/4") front to back  
152mm (6") deep

**Compliance Certifications -**

**Meets or Exceeds the Following Specifications:**

- ASME A112.19.2 for Vitreous China Fixtures



**To Be Specified:**

- Color:  White  Bone  Silver
- Faucet\*:
- Faucet Finish:
- Supplies:
- 1-1/4" Trap:
- Nipple:
- Concealed Arms Support (by others):

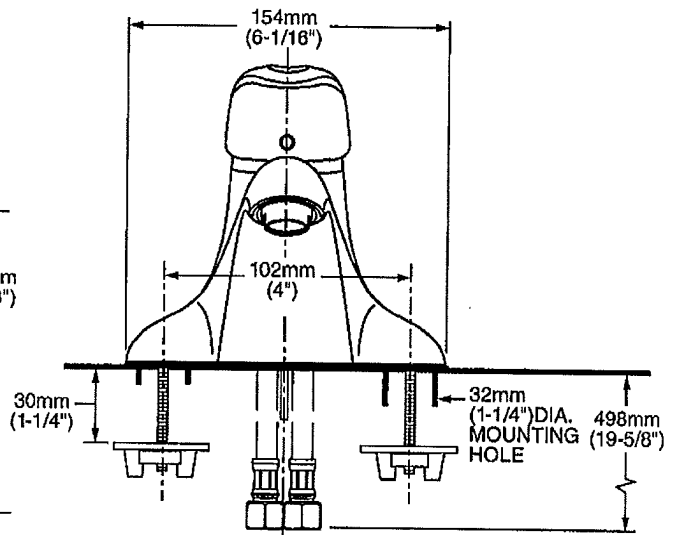
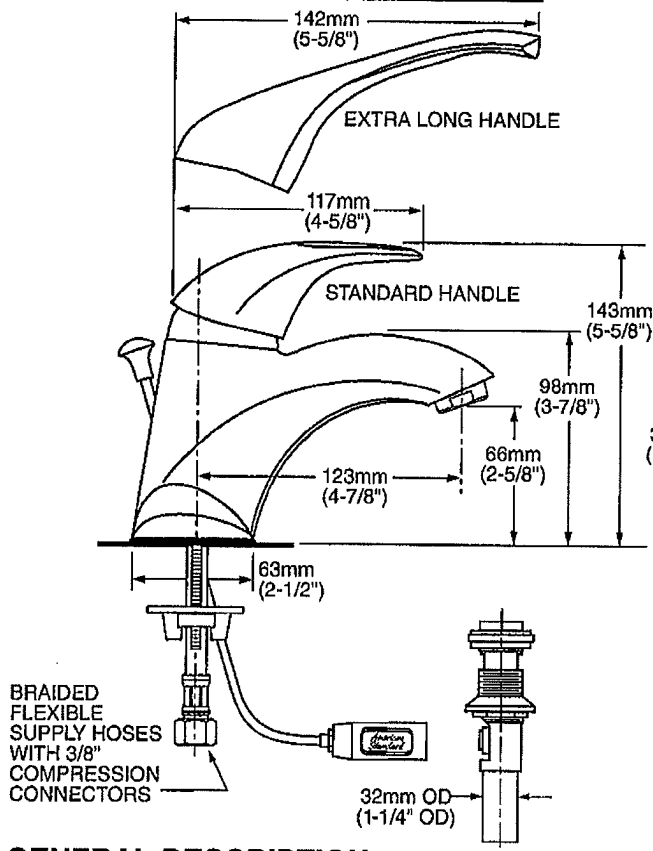
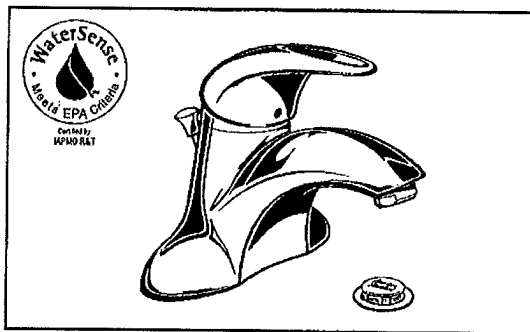
\* See faucet section for additional models available

**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.

**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.

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



**MODEL NUMBER:**

- 7385.000 Reliant 3 Single Control Centerset**  
Metal Lever Handle. Metal Speed Connect® pop-up drain.
- 7385.003 Reliant 3 Single Control Centerset**  
Indexed Metal Lever Handle. Grid drain. LESS pop-up hole.
- 7385.004 Reliant 3 Single Control Centerset**  
Indexed Metal Lever Handle LESS drain & pop-up hole.
- 7385.008 Reliant 3 Single Control Centerset**  
Indexed Metal Lever Handle. Metal Speed Connect® pop-up drain.

**PRODUCT FEATURES:**

**Cast Brass Waterway with Flexible Supply Hoses:** Strong and durable. Less potential for leaks.

**Ceramic Disc Valve Cartridge:** Assures smooth, precise valve control and a lifetime of drip-free, maintenance-free performance.

**Adjustable Hot Limit Safety Stop:** Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding.

**Lead Free:** Faucet contains ≤ 0.25% total lead content by weighted average.

**Exclusive Speed Connect® Metal Drain:**

- Fewer parts. Installs in less time.
- No adjustments required - seals the first time, every time.
- Flexible stainless steel cable - installs effortlessly in tight spaces.

**Simple One-Person Installation:** Faucet drops in from top. Quick spin nuts secure faucet in place.

**GENERAL DESCRIPTION:**

All metal body with choice of Metal Lever, Indexed Metal Lever Handle or optional Extra Long Lever Handle. Washerless 47mm ceramic disc valve cartridge with integral hot limit safety stop. Durable cast brass waterway. Braided flexible supply hoses with 3/8" compression connections. 20" (500mm) long flexible stainless steel drain cable is pre-assembled to faucet body. Metal Speed Connect® drain body (on 7385.000 & 7385.008) with 1-1/4" (32mm) tail piece. 1.5 gpm/5.7L/min. maximum flow rate.

**SUGGESTED SPECIFICATION**

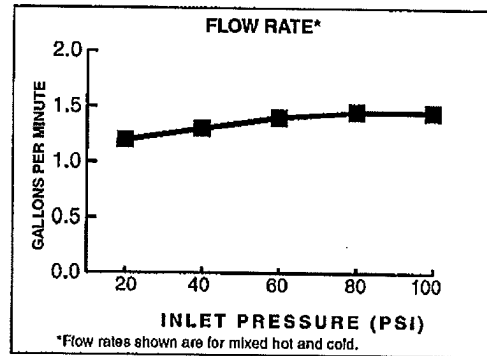
Single control lavatory fitting shall feature an all metal body with metal lever handle. Shall feature a cast brass waterway with flexible hose connections. Shall also feature a washerless ceramic disc valve cartridge with integral hot limit safety stop. Shall also feature a metal drain body with stainless steel cable actuation. Fitting shall be American Standard Model # 7385.\_\_\_\_\_.



**CODES AND STANDARDS**

These products meet or exceed the following codes and standards:

- ANSI A117.1
- ASME A112.18.1
- CSA B 125.1
- NSF 61/Section 9 and Annex G



Product Number	Description	Finish Options	
		Polished Chrome	PVD Satin Nickel
7385.000	Reliant 3 Single Control Centerset. Metal Lever Handle. Metal Speed Connect® pop-up drain.	002	295
7385.003	Reliant 3 Single Control Centerset. Indexed (Red/Blue) Metal Lever Handle. Grid drain, less pop-up hole.		
7385.004	Reliant 3 Single Control Centerset. Indexed (Red/Blue) Metal Lever Handle. Less drain, less pop-up hole.	X	
7385.008	Reliant 3 Single Control Centerset. Indexed (Red/Blue) Metal Lever Handle. Metal Speed Connect® pop-up drain.		

Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

	7385.000	7385.003	7385.004	7385.008	
	<ul style="list-style-type: none"> <li>• Metal Lever Handle</li> <li>• Speed Connect® metal drain</li> </ul>	<ul style="list-style-type: none"> <li>• Indexed (Red/Blue) metal lever handle</li> <li>• Less drain, less pop-up hole</li> </ul>	<ul style="list-style-type: none"> <li>• Indexed (Red/Blue) metal lever handle</li> <li>• Less drain, less pop-up hole</li> </ul>	<ul style="list-style-type: none"> <li>• Indexed (Red/Blue) metal lever handle</li> <li>• Speed Connect® metal drain</li> </ul>	
Available Modifications*	Part Suffix	Part Suffix	Part Suffix	Part Suffix	
<b>Drain Options</b> Less Pop-up Drain; With Hole and Pop-up Rod	__XPR	__	__	__XPR	
<b>Handle Options</b> Extra Long Handle	__LH	__LH	__LH	__LH	
<b>Flow Control Options</b>	Vandal-Resistant 1.5gpm/5.7L/min. Aerator	__V15	__V15	__V15	__V15
	Non-Aerated Laminar 1.5gpm/5.7L/min. Flow Outlet	__L15	__L15	__L15	__L15
	Non-Aerated Vandal-Resistant 0.5gpm/1.9L/min. Spray	__V05	__V05	__V05	__V05
	2.2gpm/8.3L/min Aerator	__F22	__F22	__F22	__F22

\*Modified product models are NOT Water Sense certified.



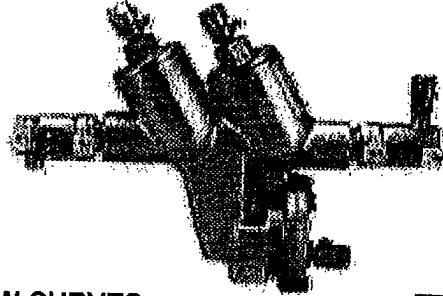
RPZ

# Model RP40/ RP40N/ RP40Z REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

### SPECIFICATIONS

The Apollo® Model RP40, RP40N and RP40Z Reduced Pressure Principle Backflow Preventers shall prevent contamination of the potable water supply due to back-siphonage or backpressure from substances that are health or non-health hazards. The assembly shall be manufactured in America. The bronze body shall be configured with individually-accessible top-access check valves including top-mounted test cocks. The relief valve shall be bottom-centered with a separate access cover. The replaceable seat rings shall be glass-filled Noryl® and the reversible seat discs shall be silicone rubber. The Apollo® domestic shut-off ball valves shall have stainless steel handles. The pressure drop across the assembly shall be documented by USC's FCCC&HR approval curves.



### FEATURES

- Replaceable seats & reversible silicone seat discs
- Top-mounted test cocks for easy testing
- Corrosion resistant
- MADE IN THE USA



### ORDERING INFORMATION

4 0 - 2 X X - X X



### Y-STRAINER

0 - None (Standard)     1 - With Y-Strainer

### SIZE

- |                                   |  |                                     |
|-----------------------------------|--|-------------------------------------|
| <input type="checkbox"/> 1 - 1/4" | <input type="checkbox"/> 4 - 3/4"          | <input type="checkbox"/> 7 - 1 1/2" |
| <input type="checkbox"/> 2 - 3/8" | <input checked="" type="checkbox"/> 5 - 1" | <input type="checkbox"/> 8 - 2"     |
| <input type="checkbox"/> 3 - 1/2" | <input type="checkbox"/> 6 - 1 1/4"        |                                     |

SUFFIX	DESCRIPTION
T1	Less ball valves (UL Listed)
T2	With ball valves (standard)
T2F	With SAE flare test cock fittings (3/4" & 1" only)
T2N	With ball valves; "N" flow - Model RP40N
T2Z	With ball valves; "Z" flow - Model RP40Z
T2LL	With ball valves; locking lever handles
T4	With union-end ball valves
T4LL	With union-end ball valves; locking lever handles
T4N	With union-end ball valves; "N" flow

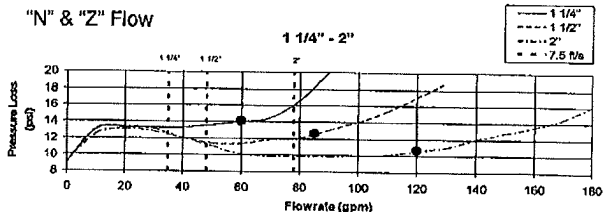
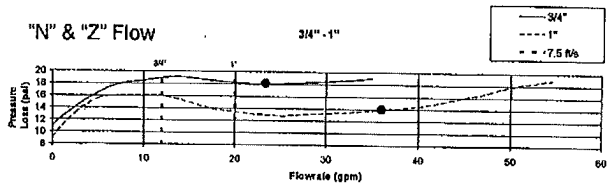
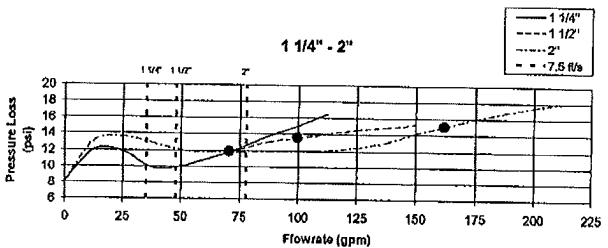
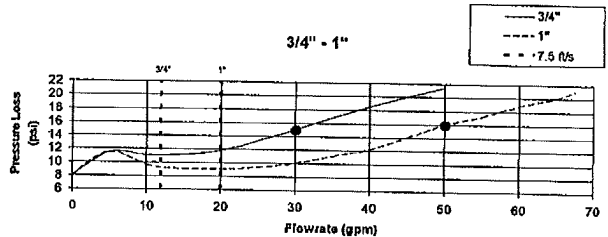
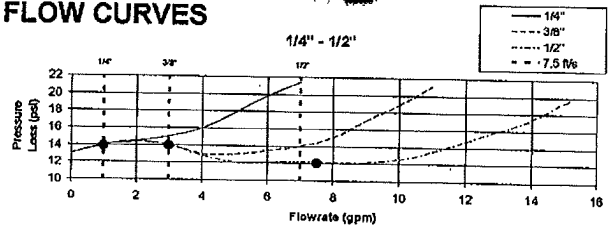
### APPROVALS

ASSE® 1013, CSA® B64.4, IAPMO, USC's FCCC&HR, AWWA C-511, and UL (less ball valves only).

### PERFORMANCE RATING

Maximum Working Pressure 175 psi  
Hydrostatic Test Pressure 350 psi  
Temperature Range 33 °F - 180 °F

### FLOW CURVES



Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28105 USA; [www.apollovalves.com](http://www.apollovalves.com); 704-841-6000

This specification is provided for reference only. Conbraco reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold.

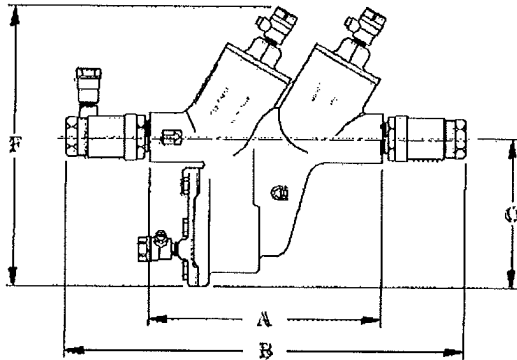
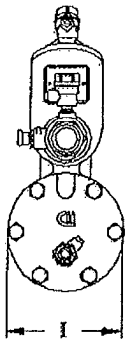
# Model RP40/ RP40N/ RP40Z

## REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER

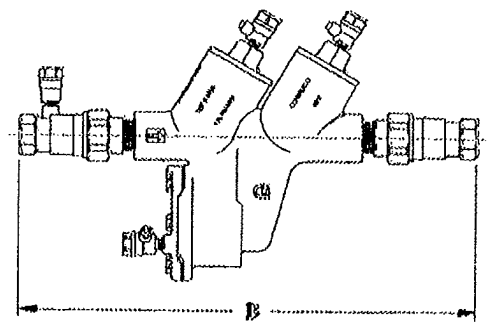
DIMENSIONS (in.) – WEIGHTS (lbs.)

Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A	5 3/4	5 3/4	5 3/4	8	8	11	11	11
B*	10 1/4	10 1/4	10 1/4	13 3/4	15 3/8	17 1/2	19 1/2	21 1/2
B* (w/ union end bv's)	11 3/4	11 3/4	11 3/4	15 7/8	17 3/8	21 1/2	23	25 3/8
C*	13	13 13/16	13 13/16	18 1/2	21	23 9/16	26 3/8	29 9/16
C* (w/ union end bv's)	14 1/2	15 1/4	15 1/4	20 5/8	23	27 5/8	30	33 3/8
D*	n/a	n/a	n/a	10 1/2	10 11/16	14 3/16	15 1/8	15 3/4
E*	n/a	n/a	n/a	13 7/8	15 1/8	19	20 3/4	22 1/8
F*	6 7/8	6 7/8	6 7/8	9 3/4	9 3/4	12 5/8	12 5/8	12 5/8
G	3 3/4	3 3/4	3 3/4	5 1/8	5 1/8	7 1/8	7 1/8	7 1/8
H*	n/a	n/a	n/a	4 1/8	5 3/16	6	6 5/8	7 5/8
I	2 5/8	2 5/8	2 5/8	4 1/16	4 1/16	5 3/8	5 3/8	5 3/8

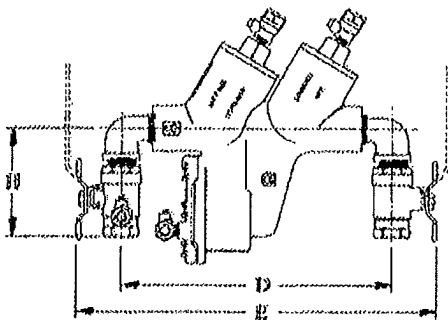
\*Dimensions shown are for reference only.



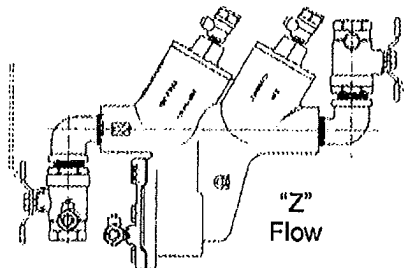
Standard



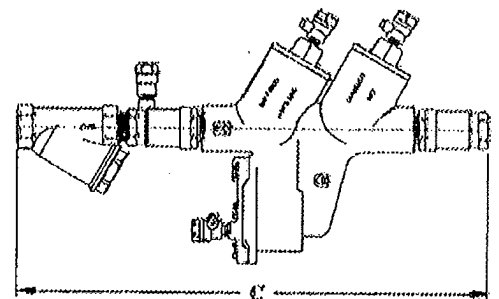
Standard  
(with union-end ball valves)



"N"  
Flow



"Z"  
Flow

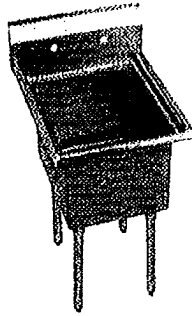


Standard  
(with strainer)

Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28105 USA; [www.apollovalves.com](http://www.apollovalves.com); 704-841-6000

This specification is provided for reference only. Conbraco reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold.

Item No.:	_____	Qty. _____
Model No.:	_____	
Project No.:	_____	



### 14" Standard Series Sinks

14" Deep Standard Series One Compartment Stainless Steel Sinks

- 14-1C16X20-0X
- 14-1C18X24-0X
- 14-1C22X22-0X
- 14-1C24X24-0X

### Options

- Faucets
- Tub Accessories
- Undershelves
- Rotary Drain Options
- H-Frame Stainless Steel Legs
- Stainless Steel Feet Options (bullet & flange styles)

### Specifications

14" Standard Series Sink, with one compartment, no drainboard, 9" backsplash, 16 gauge, 300 series stainless steel top and bowl, galvanized legs & adjustable feet, raised 1-1/2" rolled edge, includes 3-1/2" basket strainer, NSF approved

### Features

- 16 Ga. stainless steel
- Welded construction for consistent metal gauge thickness throughout
- 14" (355.6 mm) deep tub with 3/4" (19.1 mm) coved radius tub corners
- 9" (228.6 mm) backsplash with tile ledge for easy installation
- Raised 1-1/2" (38.1 mm) rolled edge
- 3-1/2" (88.9 mm) drain with basket strainers included
- 1-5/8" (41.3 mm) galvanized legs with 1" (25.4 mm) adjustable plastic feet

### Materials

- Sink & Bowl: 16 Ga. 300 series stainless steel
- Top: Backsplash is 16 gauge 300 series stainless steel.
- Legs: All sinks furnished with 1-5/8" (41.3 mm) diameter heavy gauge galvanized tubing with plated galvanized leg gussets and high impact corrosion resistant fully adjustable 1" (25.4 mm) feet.

### Mechanical

- 1-1/8" (38mm) faucet holes on 8" (203mm) centers
- 3-1/2" (89mm) waste drain opening

### Flyer Product

*In keeping with our policy of continuing product improvement, Elkay SSP reserves the right to change product specifications without notice.*



**AUTOQUOTES**



*This specification describes an Elkay SSP product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.*

Elkay SSP  
421 N. Freya St.  
Spokane, WA 99205  
Phone: 800-726-0553 Fax: 509-535-1493

Website: [www.sspinc.net](http://www.sspinc.net)  
Email: [sspsales@elkay.com](mailto:sspsales@elkay.com)  
©2011 SSP INC.

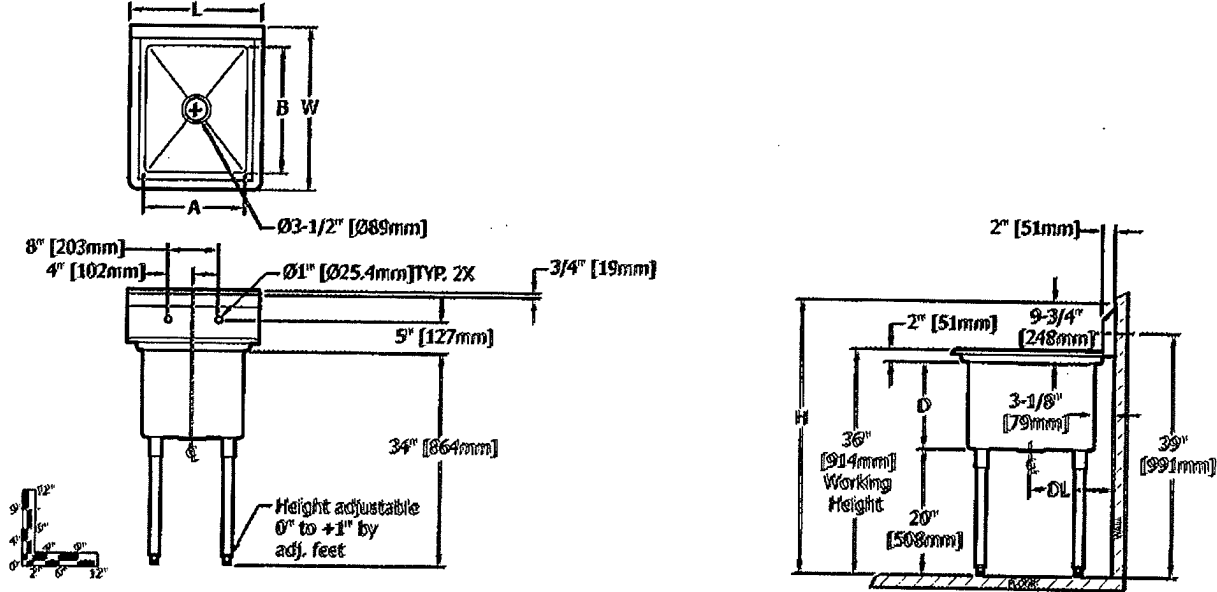
SNK-141C0X13MAY2011



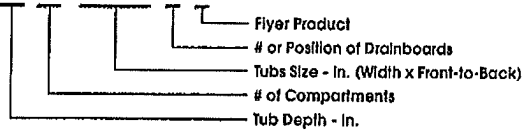
Item No.: \_\_\_\_\_ Qty. \_\_\_\_\_  
 Model No.: \_\_\_\_\_  
 Project No.: \_\_\_\_\_

### 14" Standard Series Sinks

14" Deep Standard Series One Compartment Stainless Steel Sinks



14" Standard Series Sinks																		
Model Number	Bowl Dimensions						Overall Size				Drainboard		Drain Location		Weight			
	Width A		Front-to-Back B		Depth D		Length L		Width W		Height H		Location	Size DB	Location	DL	lbs.	kg
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		In.	mm	In.	mm	
14 1C 16 X 20 0 X	16	406	20	508	14	356	21	533	25.8	656	43.8	1111	No	0 0	13	330	132	60
14 1C 18 X 24 0 X	18	457	24	610	14	356	23	584	29.8	757	43.8	1111	No	0 0	15	381	152	69
14 1C 22 X 22 0 X	22	559	22	559	14	356	27	686	27.8	706	43.8	1111	No	0 0	14	356	171	77
14 1C 24 X 24 0 X	24	610	24	610	14	356	29	737	29.8	757	43.8	1111	No	0 0	15	381	181	82

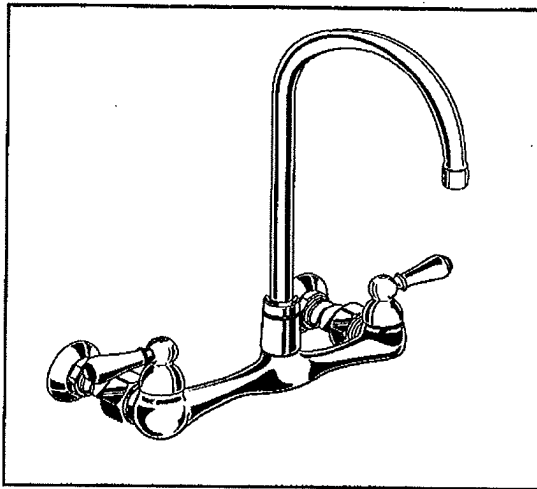


Elkay SSP  
 421 N. Freya St.  
 Spokane, WA 99205  
 Phone: 800-726-0553 Fax: 509-535-1493

Website: www.sspinc.net  
 Email: sspsales@elkay.com  
 ©2011 SSP INC.

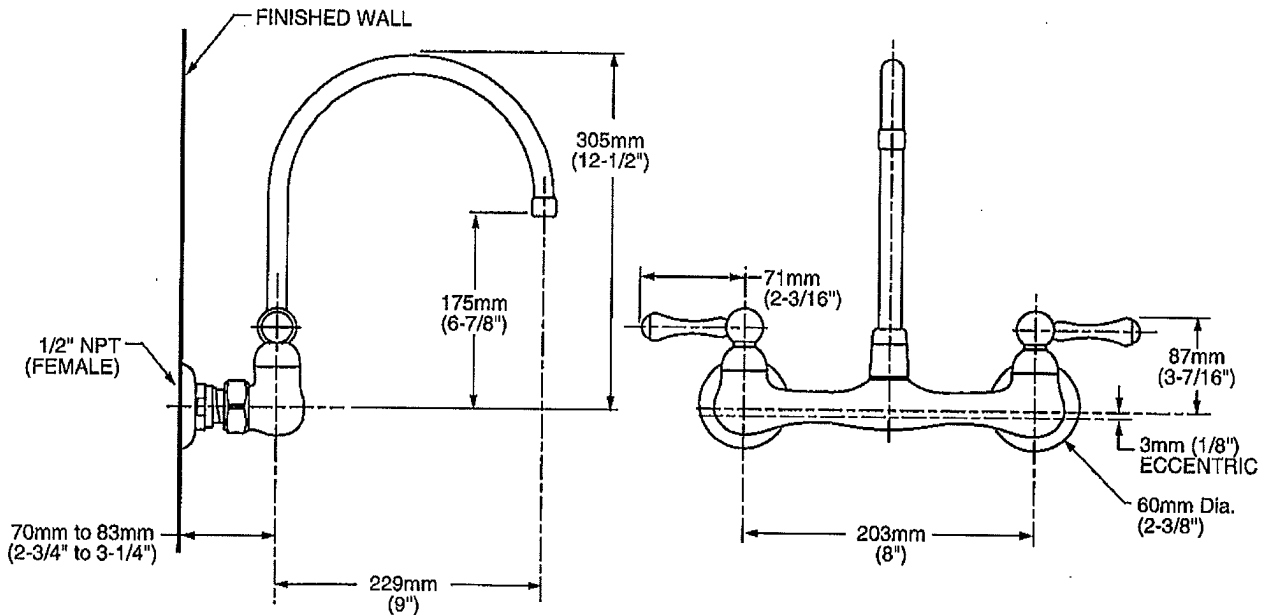
SNK-141C0X13MAY2011

**HERITAGE/AMARILIS**  
**TWO-HANDLE WALL-MOUNT SINK FAUCET**  
**WITH BRASS GOOSENECK SPOUT**



7293.152 Shown

**MODEL NUMBER:**  
~~7293.152~~ **7293.152 Wall-Mount Sink Faucet**  
 Gooseneck swivel spout, Metal Lever Handles.



**GENERAL DESCRIPTION:**

Durable brass construction throughout. Amarilis 1/4 turn washerless ceramic disc valve cartridges. One-half inch NPT female inlets with brass coupling nuts. Brass gooseneck swivel spout. 2.2gpm/8.3L/min. maximum flow rate.

**PRODUCT FEATURES:**

**Ceramic Disc Valve Cartridges:** Assures a lifetime of drip-free performance.

**Solid Brass Construction:** Durable - Excellent in high use applications. Ideal for prolonged contact with water.

**Low Lead:** Meets NSF Standard 61/Section 9 & Prop 65 lead requirements.

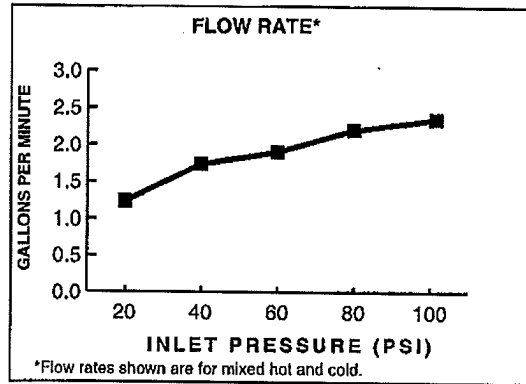
**SUGGESTED SPECIFICATION:**

Wall-mount sink faucet shall be cast brass construction with all brass coupling nuts. Shall also feature 1/4 turn washerless ceramic disc valve cartridges. Fitting shall be American Standard Model #7293.152.002.


**CODES AND STANDARDS**

These products meet or exceed the following codes and standards:

- ANSI A117.1**
- ASME A112.18.1**
- CSA B 125**
- NSF 61/Section 9**

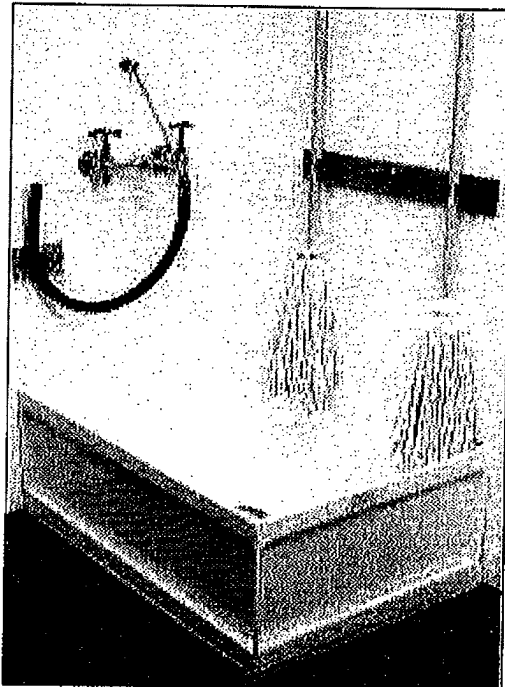


Product Number	Description	Finish
		Polished Chrome
7293.152	Wall-mount sink faucet, Brass Gooseneck spout. Brass Lever Handles.	002

 Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.

# Molded Stone<sup>®</sup> Mop Service Basins

FIAT



These rugged molded stone mop service basins are manufactured from the SMC process under the highest quality standards. The quality control molding is achieved in matched metal dies under intense heat and pressure with the result being a one-piece, dependable homogeneous product. Color is White.

### SPECIFICATIONS

- 10" (254) high walls with 1" (25) wide shoulders. Model MSB-3624 includes an integrally molded shelf 10 9/16" (268) wide
- Stainless steel factory installed drain body complete with a QDC-3 joint connector for a 3" (76) drain pipe
- A combination dome strainer and stainless steel lint basket is included

Ces robustes cuves d'entretien de vadrouilles molded stone sont fabriquées grâce au procédé SMC selon les normes de qualité les plus rigoureuses afin d'en assurer la durabilité et d'éliminer les problèmes après l'installation. Le moulage se fait dans des matrices métalliques jumelées, à haute température et sous une forte pression, ce qui assure un produit homogène et fiable d'une seule pièce. La couleur est le blanc.

### CARACTÉRISTIQUES

- Côtés de 10 po (254) avec épaulement de 1 po (25). Le modèle MSB-3624 comprend une tablette moulée intégrée de 10 9/16 po (268)
- Renvoi en acier inoxydable avec raccord QDC-3 pour tuyau de renvoi de 3 po (76)
- Crépine en coupole et filtre à charpie en acier inoxydable combinés compris

### DIMENSIONS






#### MSB-3624

- 36" x 24" x 10" (914 x 610 x 254)
- Shipping weight / Poids à l'expédition: 70 lbs (32 kg)

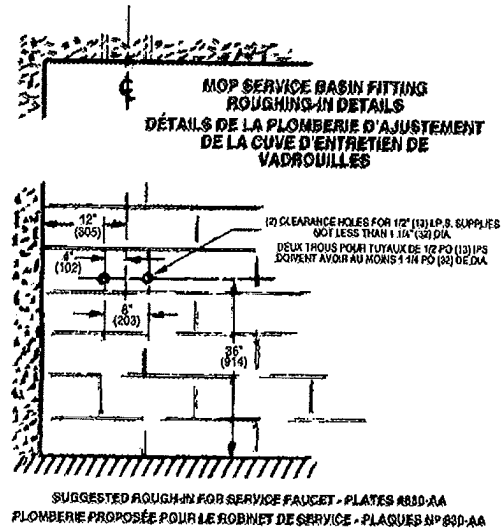
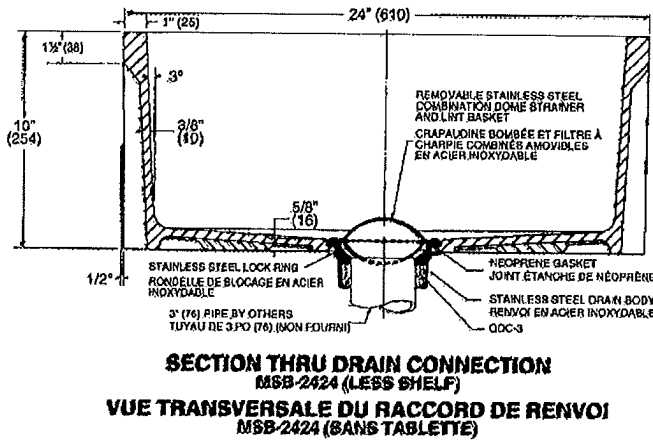
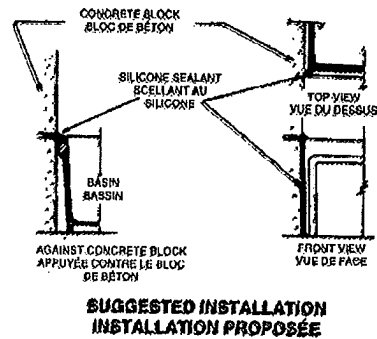
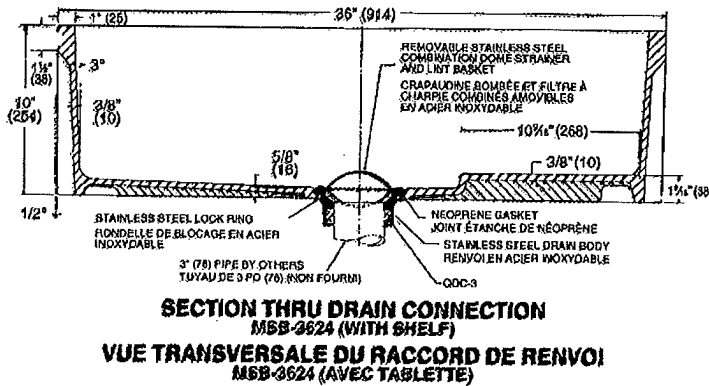
#### MSB-2424

- 24" x 24" x 10" (610 x 610 x 254)
- Shipping weight / Poids à l'expédition: 50 lbs (23 kg)

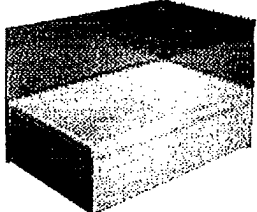

### OPTIONAL EQUIPMENT / ÉQUIPEMENT FACULTATIF

<p><b>830 AA</b> - Wall mounted service faucet, chrome plated with vacuum breaker, integral stops, adjustable wall brace, pail hook and 3/4" (19) hose thread on spout. Body inlets 8" (203) center to center, four arm handles. Centre of spout outlet from back of wall flange 9 3/8" (238). CSA approved</p>		<p><b>830 AA</b> - Robinet de service mural chromé avec coupe-vide, dispositif d'arrêt intégré, attache murale réglable et filets pour boyau 3/4 po (19) sur le bec. Conduites d'alimentation à 8 po (203) de centre à centre et clés à quatre ailettes, 9 3/8 po (238) entre le centre du bec et l'arrière de la bride murale. Homologué par L'ANCOR</p>																																								
<p><b>889 CC</b> - Mop Bracket, 24" (610) long x 3" (76) wide, stainless steel with three (3) rubber grips</p>		<p><b>889 CC</b> - crochet pour vadrouille, 24 po (610) de long par 3 po (76) de large, en acier inoxydable et muni de trois pinces à outils en caoutchouc</p>																																								
<p><b>E-77-AA</b> - Vinyl bumper guards in 24" or 36" length</p>		<p><b>E-77-AA</b> - butoirs en vinyle en 24 po ou 36 po de long</p>																																								
<p><b>1453 BB</b> - Flat stainless steel strainer</p>		<p><b>1453 BB</b> - Crépine plate en acier inoxydable pour utilisation résidentielle</p>																																								
<p><b>Quick Drain Connectors (QDC's)</b></p> <table border="1"> <thead> <tr> <th>For Use With</th> <th>QDC 3.2</th> <th>QDC 3SN</th> <th>QDC 3XH</th> <th>QDC 4</th> </tr> </thead> <tbody> <tr> <td>CAST IRON SOIL PIPE</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>P.V.C. SCHED. 40 D.W.V.</td> <td>•</td> <td></td> <td>•</td> <td>•</td> </tr> <tr> <td>STEEL SCHED. 40</td> <td>•</td> <td></td> <td>•</td> <td>•</td> </tr> </tbody> </table>	For Use With	QDC 3.2	QDC 3SN	QDC 3XH	QDC 4	CAST IRON SOIL PIPE	•	•	•	•	P.V.C. SCHED. 40 D.W.V.	•		•	•	STEEL SCHED. 40	•		•	•		<p><b>Raccord rapide pour tuyau d'écoulement (QDC's)</b></p> <table border="1"> <thead> <tr> <th>For Use With</th> <th>QDC 3.2</th> <th>QDC 3SN</th> <th>QDC 3XH</th> <th>QDC 4</th> </tr> </thead> <tbody> <tr> <td>CAST IRON SOIL PIPE</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>P.V.C. SCHED. 40 D.W.V.</td> <td>•</td> <td></td> <td>•</td> <td>•</td> </tr> <tr> <td>STEEL SCHED. 40</td> <td>•</td> <td></td> <td>•</td> <td>•</td> </tr> </tbody> </table>	For Use With	QDC 3.2	QDC 3SN	QDC 3XH	QDC 4	CAST IRON SOIL PIPE	•	•	•	•	P.V.C. SCHED. 40 D.W.V.	•		•	•	STEEL SCHED. 40	•		•	•
For Use With	QDC 3.2	QDC 3SN	QDC 3XH	QDC 4																																						
CAST IRON SOIL PIPE	•	•	•	•																																						
P.V.C. SCHED. 40 D.W.V.	•		•	•																																						
STEEL SCHED. 40	•		•	•																																						
For Use With	QDC 3.2	QDC 3SN	QDC 3XH	QDC 4																																						
CAST IRON SOIL PIPE	•	•	•	•																																						
P.V.C. SCHED. 40 D.W.V.	•		•	•																																						
STEEL SCHED. 40	•		•	•																																						





## OPTIONAL EQUIPMENT / ÉQUIPEMENT FACULTATIF

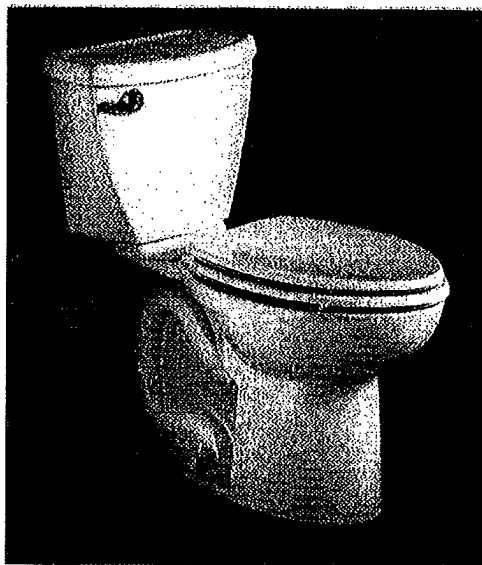
<p><b>Stainless Steel Wall Guards</b> Made of heavy gauge stainless steel. Designed and is used to protect walls adjacent to the receptor. Two panels are supplied for a corner installation, a third panel is required for a recessed installation. The wall guard models are identified as follows: MSG 2424, MSG 3232, MSG 3624, and MSG 3636</p>		<p><b>Protecteurs muraux en acier inoxydable</b> Fabriqués en acier inoxydable durable et de haut calibre. Conçus pour protéger les murs adjacents au récepteur. Deux panneaux sont fournis pour une utilisation en coin, un troisième panneau est requis pour une utilisation en alcôve. Les modèles de protecteurs muraux sont identifiés comme suit: MSG 2424, MGS 3232, MSG 3624 et MSG 3636</p>
<p><b>832 AA - Hose and Bracket; 30" (762) long flexible heavy duty 5/8" (16) rubber hose, cloth reinforced with 3/4" (19) chrome coupling at one end. Bracket is 5" (127) long x 3" (76) wide stainless steel with rubber grip</b></p>		<p><b>832 AA - Boyau et support:</b> Boyau en caoutchouc flexible de 5/8" (16) résistant, 30" (762) de long, renforcé à une extrémité avec un assemblage de chrome de 3/4" (19). Support de 5" (127) de long X 3" (76) de large en acier inoxydable avec prise en caoutchouc.</p>

\*\*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

**CADET® 3 RIGHT HEIGHT™ ELONGATED TOILET**

**2386.012**

- Vitreous china
- Low-consumption (6.0 Lpf/1.6 gpf)
- EverClean® surface inhibits the growth of stain- and odor-causing bacteria, mold, and mildew on the surface
- Features the **Cadet® 3 Flushing System**
- 16-1/2" rim height for accessible application
- Elongated siphon action jetted bowl
- Fully-glazed 2-1/8" trapway with 2" ball pass
- Generous 9" x 8" water surface area
- Close-coupled tank with flat tank cover for superior storage
- Oversized 3" flush valve with chemical resistant flapper
- Chrome trip lever
- Speed Connect® tank-to-bowl coupling system
- Sanitary dam on bowl with four point tank stabilization
- 2 color-matched bolt caps
- 100% factory flush tested
- 5 year warranty



- 3016.016 Right Height™ Elongated Bowl
- 3016.001 Right Height™ Elongated Universal Bowl
- 4021.016 Tank

**Nominal Dimensions:**

768 x 438 x 768mm (30-1/4" x 17-1/4" x 30-1/4")

Fixture only, seat and supply by others

**Alternative Tank Configurations Available:**

- 4021.500 Tank complete with Aquaguard Liner
- 4021.600 Tank complete with tank cover locking device
- 4021.700 Tank complete with Aquaguard Liner and tank cover locking device
- 4021.800 Tank complete with trip lever located on right side
- 4021.900 Tank complete with tank cover locking device and trip lever located on right side
- 4021.950 Tank complete with Aquaguard liner, tank cover locking device, and trip lever on right side

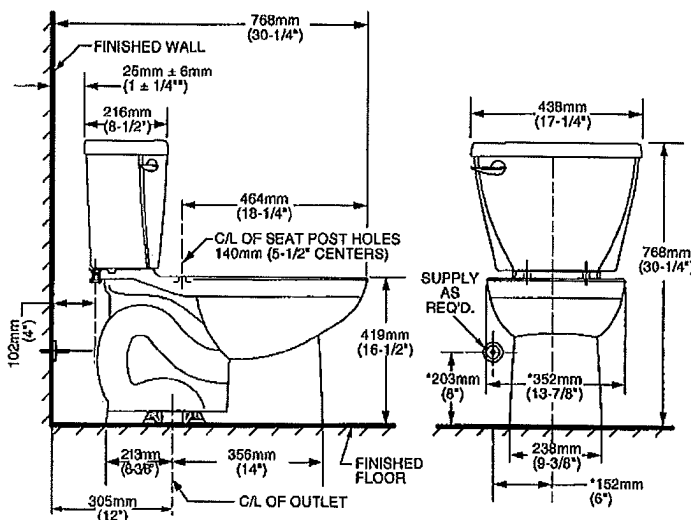
**Compliance Certifications -**

**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  Black
- Seat: #5325.010 Elongated Champion® Slow Close solid plastic seat and cover with easy lift off feature
- Seat: #5284.016 Elongated EverClean® solid plastic seat and cover
- Seat: #5321.110 EverClean® Elongated Seat with Slow Close Snap-Off Hinges
- Supply with stop:



**NOTES:**

THIS TOILET IS DESIGNED TO ROUGH-IN AT A MINIMUM DIMENSION OF 305MM (12") FROM FINISHED WALL TO C/L OF OUTLET. SUPPLY NOT INCLUDED WITH FIXTURE AND MUST BE ORDERED SEPARATELY. \* DIMENSION SHOWN FOR LOCATION OF SUPPLY IS SUGGESTED.

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



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

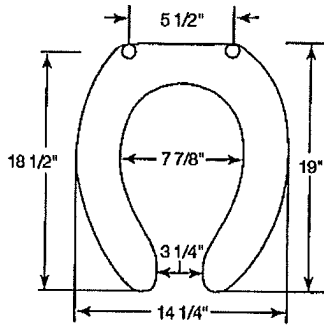
**CADET® 3**  
Flushing System



COMMERCIAL PLASTIC SEATS

MODEL 295CT

- ELONGATED SEAT, OPEN FRONT LESS COVER
- SOLID PLASTIC
- POSTUREPEDIC CONTOUR DESIGN
- STA-TITE®, COMMERCIAL FASTENING SYSTEM™



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

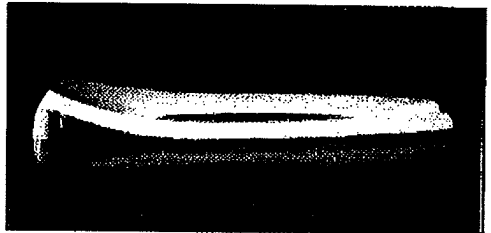
Seats shall be No. 295 as manufactured by Church Seats. Seats shall be heavy weight and injection-molded of solid plastic. Seats shall be open front less cover for elongated bowl and feature exclusive Posturepedic contour design and four large molded-in bumpers. Seats shall have STA-TITE®, Commercial 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  
 (Specify white or fixture manufacturer's color.)

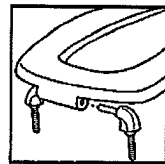
Hinges shall be 295CT / 295SSCT.  
 (Circle model based on description below.)

295CT Concealed check hinge stops seat 11° beyond vertical.

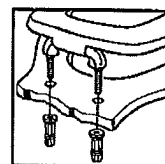
→ 295SSCT Self-sustaining, concealed check hinge holds seat in any raised position up to 11° beyond vertical.



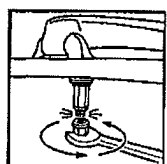
STA-TITE®



Assemble hinges.



Finger-tighten fastening nuts.



Using wrench, tighten until lower portion shears off.

**Professional™** Powered Damper Gas Water Heaters



Available in 38 and 50 Gallon Tall – 40 and 50 Gallon Short Gas Models

- ▶ 8-Year Limited Tank and Parts Warranty with a Professional Installation,\*
- ▶ With ProtectionPlus™ the 8-Year Limited Tank Warranty Becomes 12 Years!

**Energy Efficient Damper Design**

- 24 VAC Powered flue damper
- Higher energy factors
- Lower stand-by losses
- More hot water at a lower operating cost



**Self-Diagnostic System**

- Integrated self-diagnostic system control takes away the guesswork

**Guardian System™**

- One-of-a-kind air/fuel shut-off device offers double protection
- Maintenance free – no filter to clean
- Standard replacement parts

**Flammable Vapor Detection Sensor**

- Protective control system that disables the heater in the presence of flammable vapor accumulation



**Longer Life**

- Patented magnesium anode rod design incorporates a special resistor which protects the tank from rust,

**High Altitude Compliant**

- 50 gallon 50k BTU product certified for applications up to 6,000 feet above sea level
- All other models certified for applications up to 10,200 feet above sea level

**Plus...**

- Environmentally friendly burner – Low NOx design for low nitrous oxide emissions
- Brass drain valve & temperature and pressure relief valve are included
- Standard 110 volt electrical outlet required for installation, Includes 19 ft. (3-prong grounded) power cord
- Meets or exceeds National Appliance Energy Conservation Act (NAECA) requirements

\*See Residential Warranty Certificate for complete warranty information.  
Energy Factor and Average Annual Operating Costs based on D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas \$1.218/therm; LP \$1.87/gallon.



Products meet or exceed the requirements of ENERGY STAR® Phase II effective September 1, 2010.

TALL	DESCRIPTION	FEATURES						ROUGHING IN DIMENSIONS (SHOWN IN INCHES)										ENERGY INFO.	
		WATER CAPACITY (GALLONS)	WATER HEATING CAPACITY (GALLONS PER HOUR)	WATER HEATING CAPACITY (GALLONS PER HOUR)	WATER HEATING CAPACITY (GALLONS PER HOUR)	WATER HEATING CAPACITY (GALLONS PER HOUR)	WATER HEATING CAPACITY (GALLONS PER HOUR)	HEIGHT	WIDTH	DEPTH	FLUE PIPE DIA.	VENT DIA.	VENT DIA.	VENT DIA.	VENT DIA.	VENT DIA.	VENT DIA.	VENT DIA.	ENERGY FACTOR
TALL	38 PRO40E2	40	36	40.4	36.4	68	62-3/4	57-3/4	19-3/4	14	3 or 4	8	52-1/4	3/4	140	0.69	\$264		
	50 PRO50E2	40	36	40.4	36.4	84	63	58	21-3/4	14	3 or 4	8	52-1/2	3/4	180	0.67	\$272		
	50 PRO50-50E2	50	-	50.5	-	87	63-1/2	58	21-3/4	14	4	8	52-1/2	3/4	180	0.67	\$272		
SHORT	40 PRO40SE2	40	36	40.4	36.4	72	55-1/2	50-1/2	21-3/4	14	3 or 4	8	44	3/4	140	0.67	\$272		
	50 PRO50SE2	40	36	40.4	36.4	89	55-1/2	50-1/2	23-3/4	14	3 or 4	8	44	3/4	180	0.67	\$272		

**SPECIFY LP GAS WHEN ORDERING.** Add "P" suffix to the model number. Example: PRO40PE2.  
• 40 ng/J NOx Compliant

**Rheem Guardian System Features...**



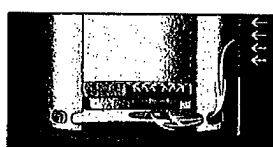
**Exclusive Combustion Shut-off System**

Should a spill incident occur, the Guardian System shuts off the gas supply and the air supply preventing a sustained vapor burn in the combustion chamber.



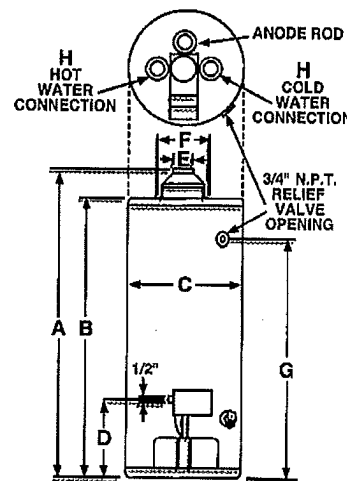
**Flame Arrestor Plate**

A specially-designed flame arrestor prevents ignition of vapors outside the combustion chamber.



**Maintenance Free**

Superior air filtration prevents the flame arrestor from becoming clogged by lint, dust and oil.



These units are designed to meet or exceed ANSI (American National Standards Institute) requirements and have been tested according to D.O.E. test procedures and meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICG Code and all state energy efficiency performance criteria for energy consuming appliances.

Before purchasing this appliance, read important energy cost and efficiency information available from your supplier.

**PROTECTIONPLUS**  
**8 YEAR LIMITED TANK WARRANTY BECOMES 12**

For more details, see form 101-7.

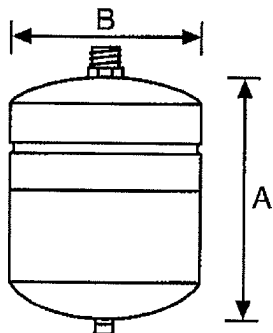
In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

Rheem Water Heating • 101 Bell Road, Montgomery, Alabama 36117-4305 • www.rheem.com

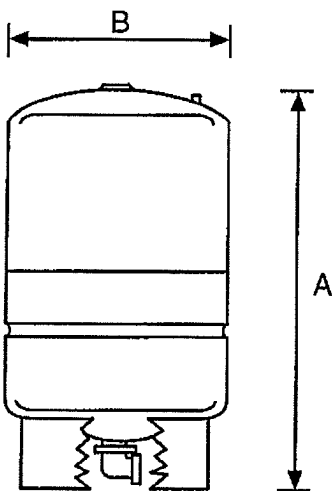


# THERM-X-TROL®

Thermal Expansion Absorbers, ST-Series (Non-ASME) 150 PSIG Working Pressure



ST-5, ST-8, ST-12



ST-25V through ST-210V



### In-Line Models

Model No.	Tank Vol.		Max. Accept. Factor	A Height		B Diameter		Sys. Conn. NPTM	Ship Wt.	
	Lit.	Gal.		cm	ins.	cm	ins.		kg	lbs.
ST-5	8	2.0	0.45	321	12 <sup>3</sup> / <sub>8</sub>	203	8	<sup>3</sup> / <sub>4</sub>	2.3	5
ST-8	12.1	3.2	0.59	381	15	229	9	<sup>3</sup> / <sub>4</sub>	3.2	7
ST-12	17	4.4	0.73	381	15	279	11	<sup>3</sup> / <sub>4</sub>	4.0	9

### Stand Models

Model No.	Tank Vol.		Max. Accept. Factor	A Height		B Diameter		Sys. Conn. NPTF	Ship Wt.	
	Lit.	Gal.		cm	ins.	cm	ins.		kg	lbs.
ST-25V	39	10.3	1.00	489	19 <sup>1</sup> / <sub>4</sub>	391	15 <sup>3</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	10.4	23
ST-30V	53	14.0	0.81	605	23 <sup>7</sup> / <sub>8</sub>	391	15 <sup>3</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	11.3	23
ST-42V	76	20.0	0.57	802	31 <sup>1</sup> / <sub>8</sub>	391	15 <sup>3</sup> / <sub>8</sub>	<sup>3</sup> / <sub>4</sub>	15.0	33
ST-60V	129	34.0	1.00	913	29 <sup>3</sup> / <sub>8</sub>	559	22	1 <sup>1</sup> / <sub>4</sub>	27.7	61
ST-80V	167	44.0	0.77	913	36	559	22	1 <sup>1</sup> / <sub>4</sub>	31.3	69
ST-180V	235	62.0	0.55	1186	46 <sup>3</sup> / <sub>4</sub>	559	22	1 <sup>1</sup> / <sub>4</sub>	41.7	92
ST-200V	306	81.0	0.41	1432	56 <sup>3</sup> / <sub>8</sub>	559	22	1 <sup>1</sup> / <sub>4</sub>	47.0	103
ST-210V	326	86.0	0.54	1199	47 <sup>1</sup> / <sub>4</sub>	660	26	1 <sup>1</sup> / <sub>4</sub>	55.8	123

### Maximum Operating Conditions

Operating Temperature	200°F (93°C)
Working Pressure	150 PSIG (10.5 bar)

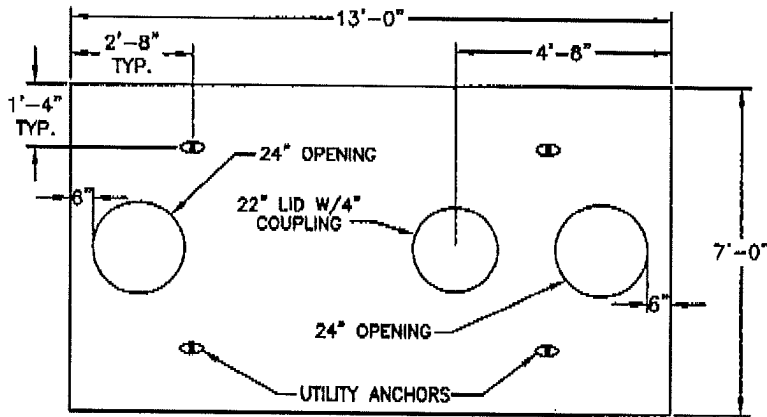
### Specifications

Description	Standard Construction
Standard Factory Pre-charge	40 PSIG (2.8 bar)
System Connection	Stainless Steel
Diaphragm	Butyl
Liner Material	Polypropylene

All dimensions and weights are approximate.  
Complies with Low Lead Plumbing Law

Job Name \_\_\_\_\_  
 Location \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Engineer \_\_\_\_\_

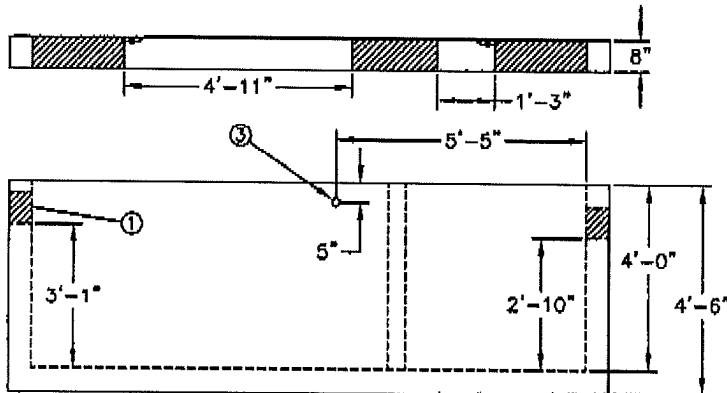
Contractor \_\_\_\_\_  
 Contractor P.O. No. \_\_\_\_\_  
 Sales Representative \_\_\_\_\_  
 Model No. Ordered \_\_\_\_\_



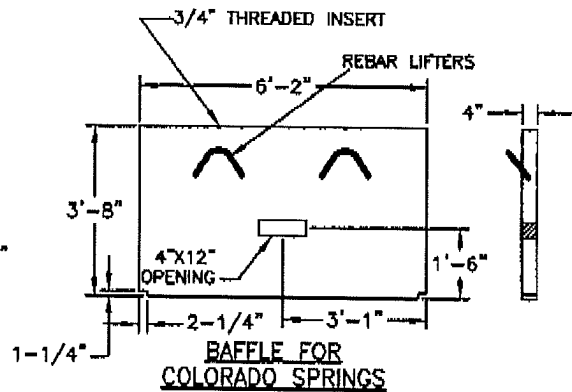
LID PLAN VIEW

FLOWLINE FROM BOTTOM OF TANK		
	IN	OUT
6" LINE	44"	41"
4" LINE	45"	42"

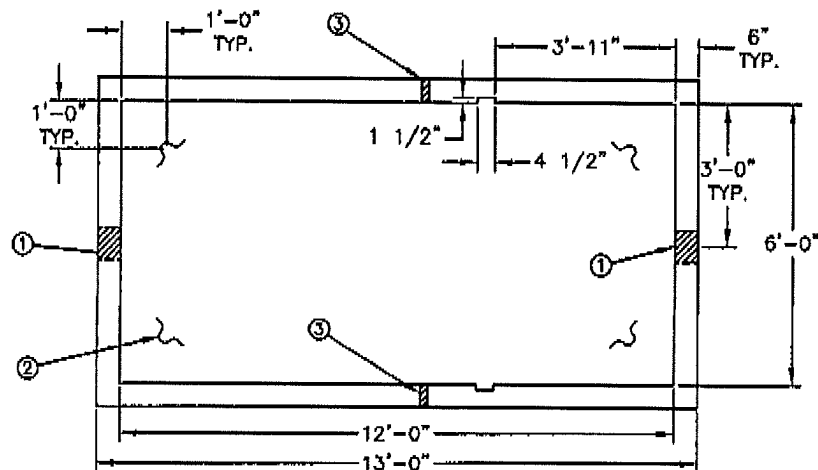
- ① POLYLOK 6 CAST-IN
- ② PLASTIC PULLING IRONS (INSIDE)
- ③ 2" VENT HOLE W/CAP



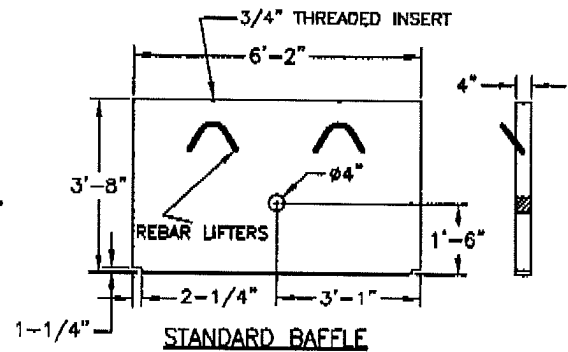
ELEVATION VIEW



BAFFLE FOR COLORADO SPRINGS



PLAN VIEW



STANDARD BAFFLE

## 1500 GAL. SAND/OIL INTERCEPTOR TRAFFIC RATED

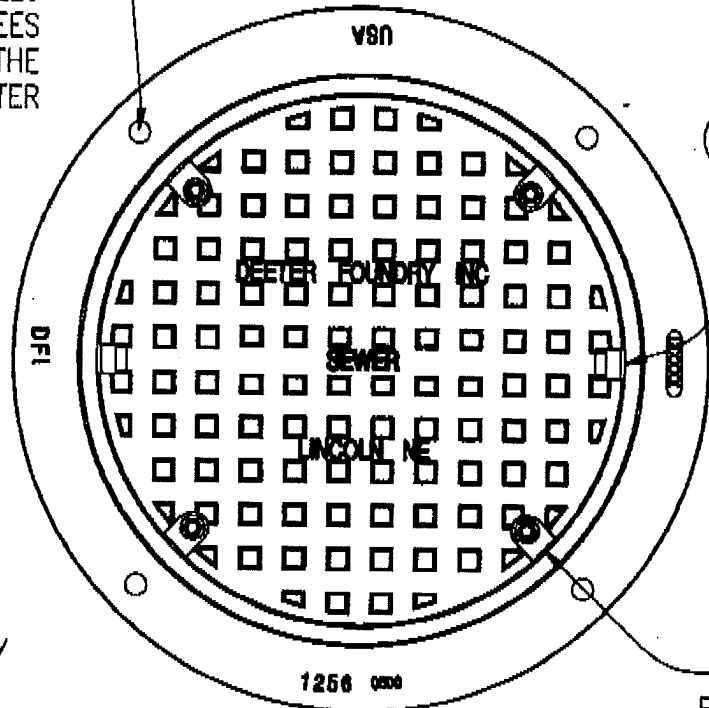
**Legend:**  
 Type I/II cement with fly ash. 4000 psi concrete at 28 days. Reinforcing per FPC design. Tanks are designed with two compartments with  $\frac{2}{3}$  of the total liquid volume on the inlet side, and  $\frac{1}{3}$  of the total liquid volume on the outlet side. This tank meets the requirements of ASTM C 1227-05. Burial depth of 0'-4".  
 Weight: BOTTOM+BAFFLE: 20,240 lbs.  
 LID: 8,440 lbs.

THIS DRAWING IS THE PROPRIETARY PROPERTY OF FIREBAUGH PRECAST. REPRODUCTION, DISCLOSURE OR USE OF ANY PART OF THIS DRAWING OR ANY INFORMATION THEREIN IS EXPRESSLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF FIREBAUGH PRECAST.

	FIREBAUGH PRECAST INC.	DWG. NO.
	PRODUCT:	1500 GAL. SAND TRAP (TRAFFIC RATED)
DRAWN BY:	CHECKED BY:	DATE:
BER	FPC	8-21-07

SCALE: 1-1

4 - 1" DIA.  
ANCHOR HOLES  
90 DEGREES  
ABOUT THE  
CENTER

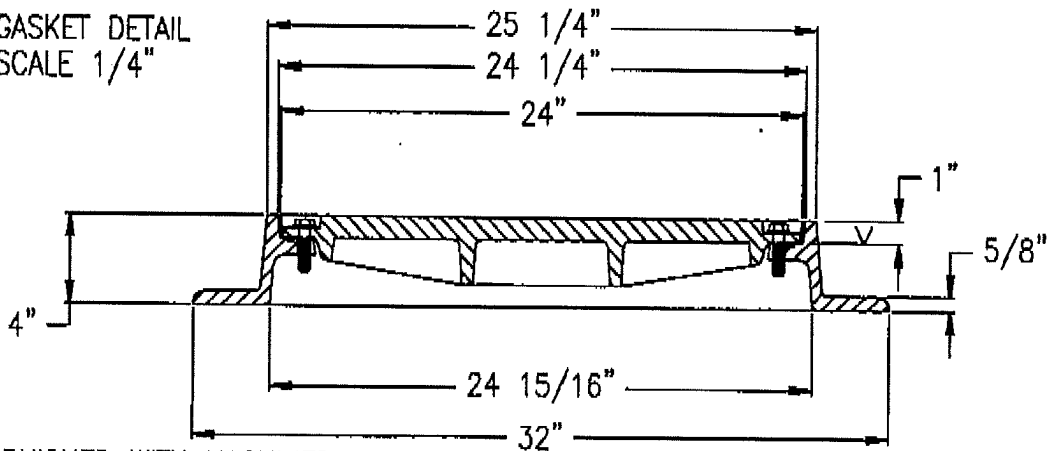


2 CONCEALED PICKS

4 - HEX-HEAD  
BOLTS AND WASHERS  
1/2"x2"



T-GASKET DETAIL  
SCALE 1/4"




NOTE:

1. FURNISHED WITH MACHINED HORIZONTAL BEARING SURFACES.
2. COVER IS BOLTED TO THE FRAME.
3. FURNISHED WITH A T-GASKET.
4. H2O LOAD RATING.
5. AASHTO M306.

OLD DWG. REF: 1256B-01/LAYER: ALL/SCALE: 1/8"

MATERIAL:	CAST GRAY IRON ASTM A-48, CLASS 35B
FINISH:	NO PAINT
WEIGHT:	FRAME 105 LBS. COVER 155 LBS.

 <b>Deeter Foundry, Inc.</b> 5945 NORTH 70th STREET LINCOLN, NEBRASKA 68529		
# 1256-B		MANHOLE RING & COVER
Date: 05 MAY 93	Drawn by: RICK	Scale: 1/8
CONVERSION NO. 1256B-01	Approved by: KRH	Date: 20 SEP 10