

Quality People. Building Solutions.

Comfort Systems USA (Arkansas), Inc.
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Date: 5/17/2024
Return Request: 5/27/2024
Project: CALS Main Library Renovations
Supplier: Sanders Supply
Manufacturer: Various
Submittal: Domestic Water Piping Specialties
Submittal Number: 22 11 19-01
Drawing # and Installation: Plumbing Drawings

ARCHITECT

Polk Stanley Wilcox
801 South Spring St.
Little Rock, AR 72201
501-378-0878

ENGINEER

Bernhard
1 Allied Drive, Bldg. 2, Suite 2600
Little Rock, AR 72202
501-666-6776

GENERAL CONTRACTOR

CDI
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Little Rock, AR 72202
501-5666-4300

MECHANICAL SUBCONTRACTOR

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

Notes:

CSUSA PROJECT NO.
23-8016
dpierce@comfortar.com

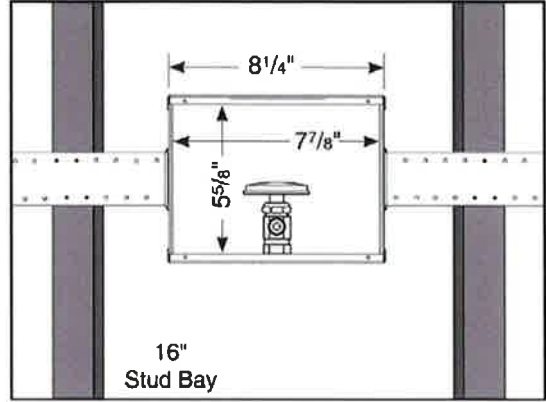
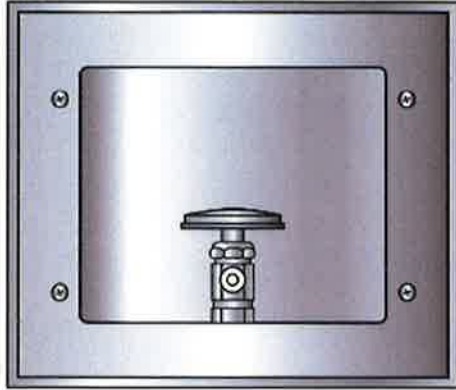
9924 Landers Rd.
No. Little Rock, AR 72117

SB-1

SPECIFICATION SUBMITTAL SHEET



GALVANIZED ICE MAKER OUTLET BOX with Lead Free Domestic Valve



Specifications:

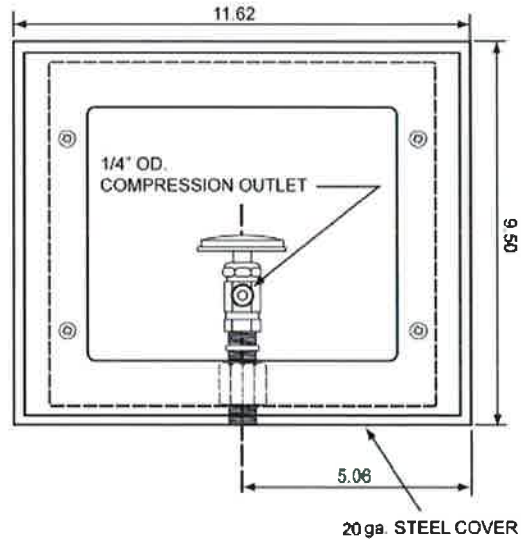
Furnish and install galvanized ice maker box. Unit shall be Guy Gray product code checked below as manufactured by IPS Corporation.

Box Material:

G90 Hot Dipped Galvanized Steel (unpainted)
20 gauge box with 20 gauge faceplate

Valve & Drain Options:

Lead free Domestic Valve with 1/2" MIP/Sweat, CPVC or PEX connection. Valves comply with ASME A112.18.1.



Valves comply with the requirements of NSF 61-G and the "Reduction of Lead in Drinking Water Act" (Federal Public Law 111-380)

	Item #	Product Description	Model #	Quantity
→	88158	Lead Free Domestic Valve - 1/2" Sweat Conx.	BIM875AB	5 ←
	96997	Tamper resistant cover for Models B, BB, WB, FB, & BIM	BTRC	6



FPRH-1



Freezeless Sanitary Roof Hydrant No Drain Line Required!

Model SRH-MS


Can be ordered with or without Mounting System (MS).

The Woodford, ASSE 1057 listed, SRH Sanitary Roof Hydrant is intended for irrigation purposes and to provide water, in any weather condition, on commercial building roofs. Applications include window washing, cleaning of condenser coils, cooling towers, green roofs and other types of roof top equipment. The SRH is backflow protected with a field testable ASSE 1052 double check backflow preventer.


The SRH does not require 1) a drain line from the valve body located inside the building or 2) the removal of vacuum breaker or use of a diverter to protect from freezing.

The SRH-MS with Mounting System allows for installation flexibility. It is not necessary to install hydrant when hydrant support is mounted to the roof. The hydrant support utilizes a 3" diameter opening that allows the hydrant to be installed or easily removed at a later time. All necessary mounting hardware for proper installation on a commercial roof is supplied, including a 2 degree shim for pitch adjustment.

Hydrant Features:

- ASSE 1057 Listed 
- No Drain Line Required - With the hose removed, a venturi action draws water out of the internal reservoir and discharges out the backflow preventer.
- Superior reservoir evacuation times without removing the backflow preventer.
- Variable flow plunger for longer life is not easily damaged and assures proper shut-off.
- Large easy to open lift handle.
- Adjustable link for easy adjustment and positive lever lock tension.
- All hydrant repairs can be made from top without removing hydrant.

Specifications:

- Hose Connection Backflow Preventer:
 - Model 50H with 3/4" hose connection
 - ASSE 1052 Listed 
 - Field Testable Dual Check holds against 125 psi backflow pressure
- 3/4" NPT female inlet connection.
- 1 1/2" U.S. made galvanized pipe.
- **Maximum Working Pressure:** 100 p.s.i.
- **Maximum Temperature:** 120° F

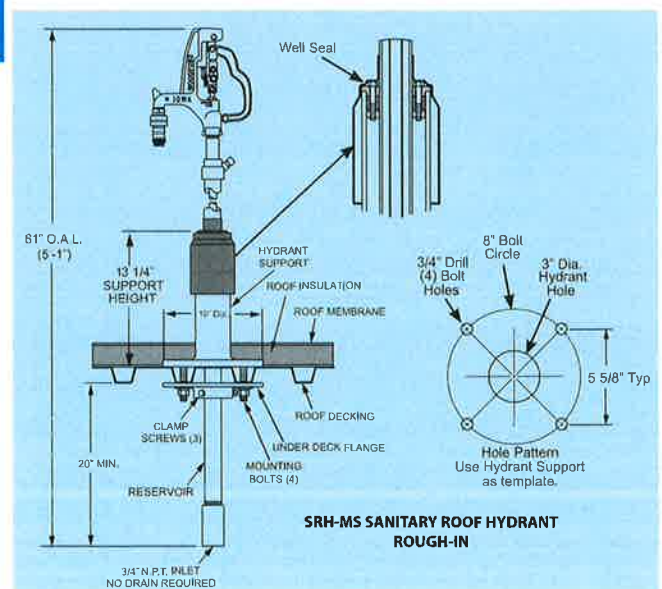
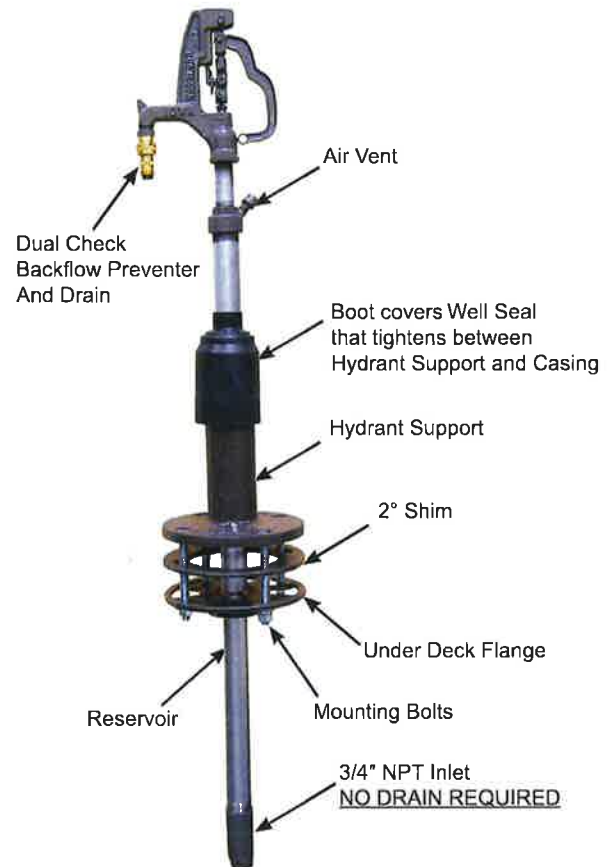
SRH WARNING	Supply PSI	Run Time
After each use, run hydrant without a hose to ensure proper evacuation.	60	5 seconds
	25	15 seconds

Mounting System: *(Can be ordered Separately)*

- Cast iron Hydrant Support
- Cast iron Under Deck Flange
 - 4 bolts draw tight against the roof decking and the hydrant support.
 - 3 clamp screws tighten against the hydrant pipe to secure the hydrant's vertical position through the roof.
- Well Seal seals tight between the hydrant support and hydrant pipe.
- EPDM Boot covers well seal and top of hydrant support.
- 2° Shim is supplied, if needed, for installation on pitched roofs.

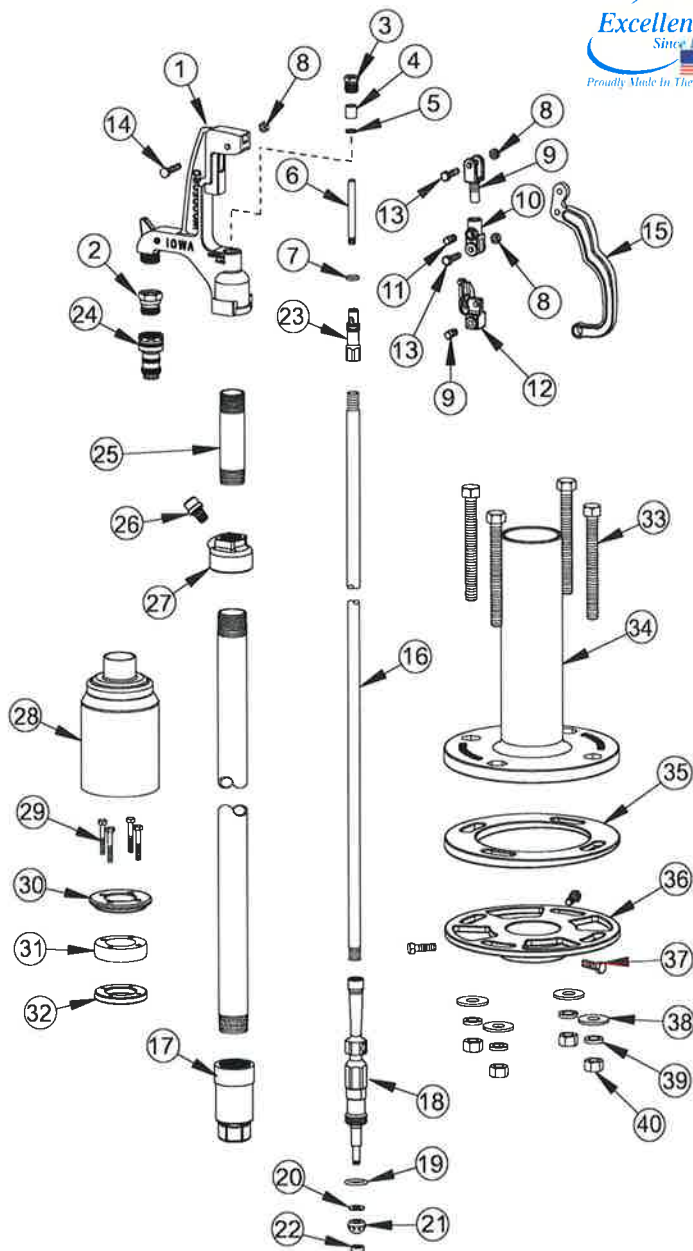
Patent Information: <https://www.woodfordmfg.com/patents/>

For Installation / Troubleshooting Instructions go to www.woodfordmfg.com or call 1-800-621-6032



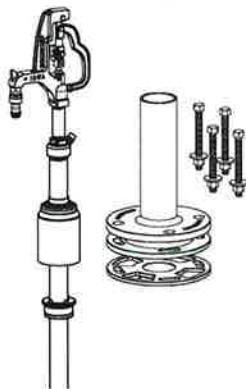
MODEL SRH-MS PARTS LIST

ITEM	PART#	DESCRIPTION
	15126	SRH Head Assembly (Includes Items 1-15, 23 & 24)
1	10632	SRH Head
2	10004	3/4" Brass Hose Nozzle
3	10100	Packing Nut
4	10101	Packing
5	10102	Packing Support Washer
6	15121	Brass Rod Stem
7	10117	O-Ring - 206
8	10206	Hex Nut (3)
9	10614	RH Upper Link
10	15242	RH Lower Link (Includes Item 11)
11	10019	Set Screw (2)
12	15243	RH Cam & Clevis Assembly
13	10020	Link Bolt (2)
14	10021	Lever Bolt
15	10613	RH Lever
16	10024	Operating Pipe
17	15122	Valve Body (3/4" NPT Inlet)
18	15123	Venturi Assembly
19	10118	Valve Body O-Ring
20	50027	Support Washer
21	51013	Ball Valve Rubber
22	50028	Round Brass Nut
23	10116	Sealing Head Coupling
24	50H-BR	50H Backflow Preventer
25	15120	Upper Pipe Assembly
26	15124	SRH Vent Assembly
27	15125	SRH Casing Cover
28	10608	RH Boot, EPDM
29	10625	Bolt, Allen Head 1/4-20 X 1 3/4" (4)
30	10626	Well Seal-1 1/2", Top
31	10119	Well Seal-1 1/2", EPDM
32	10627	Well Seal-1 1/2", Bottom
33	10584	Bolt, Hex Head 5/8-11 X 6" (4)
34	10579	Hydrant Support, Casting
35	10581	2" Shim, Casting
36	10580	Under Deck Flange
37	10607	Screw, Clamp 3/8-16 Hex Head X 1 3/4" (3)
38	10604	Washer, Plain 5/8 (4)
39	10605	Washer, Lock 5/8 (4)
40	10585	Nut, Hex 5/8-11 UNC (4)
	RK-SRH	Repair Kit (Includes items 3-7, 19-22)
	RK-RHL	Repair Kit (Includes items 8-15)



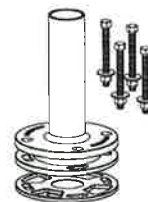
When ordering, specify SRH part number option listed below.

Part# SRH-MS Consists of the complete Roof Hydrant system:
Qty. 1 SRH Hydrant shipped in 1 carton.
Qty. 1 RH-MS Mounting System shipped in 1 carton.

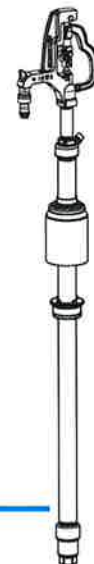


Total Shipping Wt.
 2 cartons: 50 lbs

Part# RH-MS Carton contents consists of:
 Mounting System/
 Rough-In Components (Parts 33-40 above)
 • Hydrant Support
 • 2" Shim,
 • Under Deck Flange
 • Mounting Bolts, Nuts, Washers.
 Shipped in 1 Carton.
 Shipping Wt. - 30 lbs



Part# SRH Carton contents consists of:
 • Hydrant Assembly (Parts 1-32 above)
 • Well Seal (Parts 28-32 above)
 • Boot (Part 28 above)
 Shipped in 1 Carton.
 Shipping Wt. - 20 lbs



For more information contact...

WOODFORD MANUFACTURING COMPANY, LLC

2121 Waynoka Road, Colorado Springs, Colorado 80915 • Phone: (800) 621-6032
 To view our complete product line visit: www.woodfordmfg.com or email: sales@woodfordmfg.com

Engineering Specification

Job Name CALS Library
 Job Location LR
 Engineer BTME
 Approval _____
 Tag FPWH-1

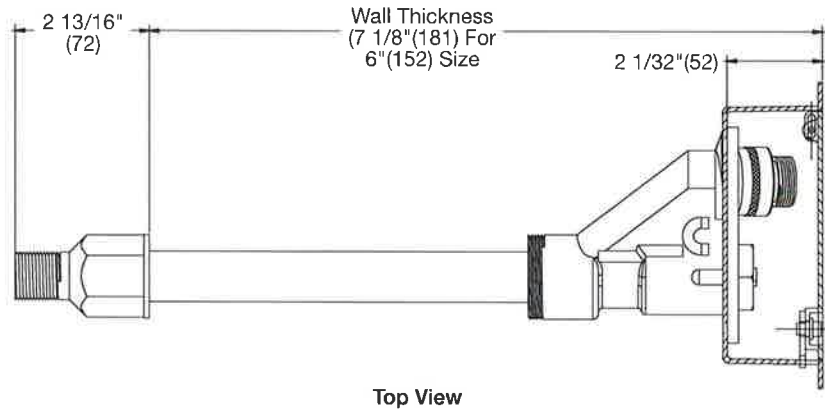
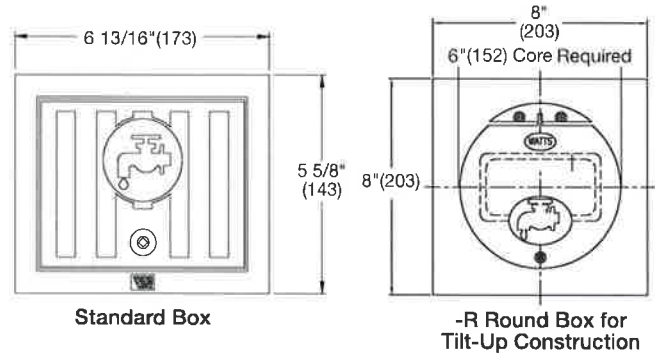
Contractor Comfort Systems USA
 Approval _____
 Contractor's P.O. No. _____
 Representative Sanders Supply

HY-725

Non-Freeze Wall Hydrant with NB Box & Integral Vacuum Breaker

Specification

Watts HY-725 concealed non-freeze key operated wall hydrant with nickel bronze box and door, chrome plated hydrant face, integral vacuum breaker, 3/4"(19) hose connection, 3/4"(19) female x 1"(25) male pipe connection, all bronze head, seat casting and internal working parts, bronze wall casing, and loose key. Complies with ASME B1.20.7 and ASSE 1019-2004. UPC/IAMPO listed. Max. operating pressure 125 psi.



Wall Thickness		
Suffix	Description	
6	7 1/8"(181) Thick	<input checked="" type="checkbox"/>
8	8"(203) Thick	<input type="checkbox"/>
10	10"(254) Thick	<input type="checkbox"/>
12	12"(305) Thick	<input type="checkbox"/>
14	14"(356) Thick	<input type="checkbox"/>
16	16"(406) Thick	<input type="checkbox"/>
18	18"(457) Thick	<input type="checkbox"/>
20	20"(508) Thick	<input type="checkbox"/>
22	22"(559) Thick	<input type="checkbox"/>
24	24"(610) Thick	<input type="checkbox"/>
Other	Specify _____	<input type="checkbox"/>

Options		
Suffix	Description	
-K	Cylinder Lock	<input type="checkbox"/>
-88	Wall Clamp	<input checked="" type="checkbox"/>
-3	Stainless Steel Box	<input type="checkbox"/>
-CIA	Complete Internal Assembly (Repair Kit)	<input type="checkbox"/>
-R	Round Stainless Steel Box	<input type="checkbox"/>

Recommended Wall Opening:
 5 1/4" x 6 1/4"(133 x 158)

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: (905) 481-2316 • Watts.ca
Latin America: T: (52) 55-4122-0138 • Watts.com

WHA

Engineering Specification

Job Name CALS Library
 Job Location LR
 Engineer BTME
 Approval _____

Contractor Comfort Systems USA
 Approval _____
 Contractor's P.O. No. _____
 Representative Sanders Supply

LF15M2-DR Series

Water Hammer Arrestor

Specification

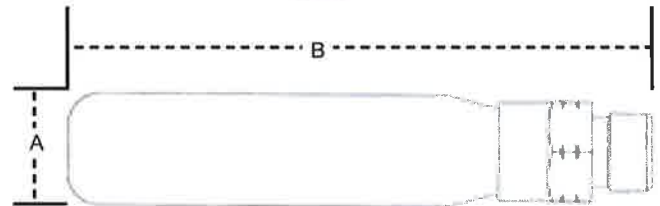
Watts LF15M2-DR Series lead free* pre-charged copper water hammer arrestor with polypropylene piston, EPDM o-ring seal, and brass NPT threaded connection.

Operating Pressure

Designed to operate on all domestic and commercial lines up to 150 psi (10.6 bar) working pressure.

Temperature Range

33°F to 180°F (0.5°C to 82°C)



Call customer service if you need assistance with technical details.

Size	Connection	Dimensions				PDI Size	Fixture Units
		A		B			
		Threaded	in.	mm	in.		
LF15M2-A-DR	1/2"	1 1/8	28.5	5 15/16	150.9	A	1-11
LF15M2-B-DR	3/4"	1 3/8	34.9	8 9/16	218.0	B	12-32
LF15M2-C-DR	1"	1 5/8	41.3	8 13/16	223.5	C	33-60
LF15M2-D-DR	1"	2 1/8	54.0	9 15/16	252.5	D	61-113
LF15M2-E-DR	1"	2 1/8	54.0	12 11/16	322.5	E	114-154
LF15M2-F-DR	1"	2 5/8	66.7	11 5/32	283.5	F	155-330

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