

Engineering Specification

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LFFHB

Frost-Proof Automatic Self-Draining Wall Hydrants

1/2" x 3/4"

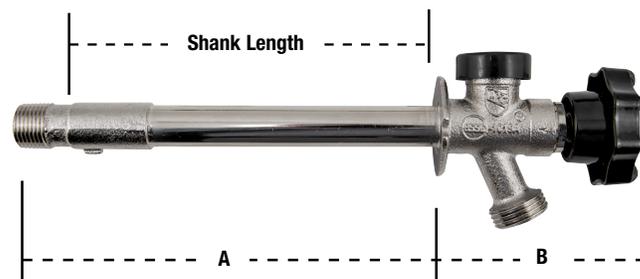
Series LFFHB Frost-Proof Automatic Self-Draining Wall Hydrants are designed to provide freeze protection of the external water supply as well as backflow protection to the potable water supply. LFFHB hydrants feature a solid brass construction with a nickel plated finish, a 0.8mm thick copper tube, a plastic vacuum breaker, a heavy metal handle, and can be repaired inline without removing the sill cock from the waterline. These hydrants are designed to ASSE Standard 1019 and are certified to CSA B125 and CSA B64.2.

Features

- rust-proof design drains automatically
- Plastic vacuum breaker prevents contamination of the potable water supply from backsiphonage and backpressure
- ASSE Standard 1019, IAPMO listed and certified to 140°F
- Metal handle
- 0.8mm copper tube thickness, thicker wall than competitors
- Size, length indication printed on cap for easy field service or repair
- 3/4" hose connection

Specification

A frost-proof automatic self-draining wall hydrant shall be installed where indicated in the plans. Hydrant to be manufactured with lead free* brass body with nickel-plated finish, plastic vacuum breaker mechanism, metal handle, and 0.8mm copper tube wall thickness. Hydrant shall have either a copper, IPS, or PEX inlet with 3/4" hose outlet. Hydrant shall be a Watts Series LFFHB.



LFFHB-1

Models

- LFFHB-1 For wall sizes: 4" – 14" (100 – 350mm), 1/2" solder or 1/2" male IPS inlet
- LFFHB-1-PEX For wall sizes: 4" – 12" (100 – 300mm), 1/2" PEX inlet

Standards — Approvals

ASSE Std. 1019, CSA-B125 and CSA B64.2



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.

Inquire with governing authorities for local installation requirements.

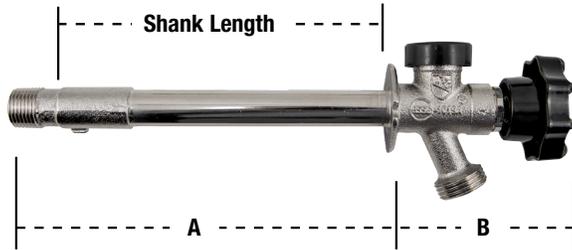
*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

Repair Kits

Call customer service if you need assistance with technical details.

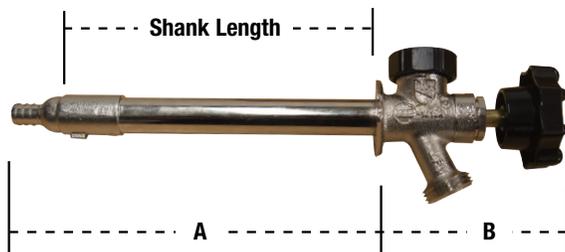
MODEL	DESCRIPTION	CONTENTS
FHB-V-RK ½ – ¾	Vacuum breaker repair kit	Bonnet O-ring, disc, and vent float
RK-FHB	Check assembly repair kit	Check sub-assembly, check spring and stem packing

Dimensions – Weights



LFFHB-1

MODEL	SHANK LENGTH		DIMENSIONS				WEIGHT	
	<i>in.</i>	<i>mm</i>	A		B		<i>lbs.</i>	<i>kgs.</i>
Inlet ½" solder or ½" male IPS								
LFFHB-1	4	100	5½	139.5	3 ¹⁵ / ₃₂	88.1	0.8	0.4
LFFHB-1	6	150	7½	190.5	3 ¹⁵ / ₃₂	88.1	0.9	0.4
LFFHB-1	8	200	9½	241.5	3 ¹⁵ / ₃₂	88.1	0.9	0.4
LFFHB-1	10	250	11½	292.5	3 ¹⁵ / ₃₂	88.1	1	0.5
LFFHB-1	12	300	13½	343.5	3 ¹⁵ / ₃₂	88.1	1	0.5
LFFHB-1	14	350	15½	394.5	3 ¹⁵ / ₃₂	88.1	1.1	0.5



LFFHB-1-PEX

MODEL	SHANK LENGTH		DIMENSIONS				WEIGHT	
	<i>in.</i>	<i>mm</i>	A		B		<i>lbs.</i>	<i>kgs.</i>
Inlet ½" PEX								
LFFHB-1-PEX	4	100	6 ⁷ / ₁₆	164	3 ¹⁵ / ₃₂	88.1	0.8	0.4
LFFHB-1-PEX	6	150	8 ⁷ / ₁₆	241	3 ¹⁵ / ₃₂	88.1	0.9	0.4
LFFHB-1-PEX	8	200	10 ⁷ / ₁₆	265	3 ¹⁵ / ₃₂	88.1	0.9	0.4
LFFHB-1-PEX	10	250	12 ⁷ / ₁₆	316	3 ¹⁵ / ₃₂	88.1	1	0.5
LFFHB-1-PEX	12	300	14 ⁷ / ₁₆	367	3 ¹⁵ / ₃₂	88.1	1	0.5

