

# 480 SERIES

## Arrowhead Anti-Siphon Frost Proof Lawn Faucet – Plus +

### Why Plus + ?

Plus, in this instance, means less – less worry, less parts and a simplified efficient design to allow back-flow and back-siphonage protection for years to come.

We have simplified the design by eliminating the need for an air vent assembly at the top of the hydrant and the need for a spring check assembly at the inlet of the hydrant. In essence we have put the vacuum

breaker with a self draining feature back where it belongs, on the outlet threads of the hydrant.

Besides eliminating moving, wearing parts, there is no longer need to worry about overheating the seat washer in the soldering application. Simply turn the handle of the hydrant to the open position and the seat washer will back away from the seat for worry-free soldering.

Since the air vent cap has been eliminated there is no longer any need to worry about the brick mason dropping bricks and shattering the vent cap.

Arrowhead Brass provides a worry free design, equipped with 3/4" Type L hard copper housing and operating rod.

**Soft Grip Handle**  
Green powder coated to help battle corrosion and stainless steel screw

**Bonnet**  
One piece with O-ring seal

**Wrench Pads**  
To keep from abusing body of valve

**3/4" L Hard Copper**  
Newly designed solder wells to pool the 95/5 solder

**Standard Frost Free Angle**

**Ample Room**  
between hose connection and handle

**1/4" L Hard Copper (Internal)**  
Connects stem and seat and insures against deterioration from harsh water chemicals

**Freeze Protection**  
Water from hydrant will drain in a steady gentle stream for approximately 15-20 seconds after hydrant is turned off.

### Health Protection

In the event of back siphonage due to a drop in inlet pressure, the vacuum breaker will intake air through the ports to break the siphoning action. Any water trying to make its way back to the potable water supply due to back siphonage or back pressure will be blocked at the point of the back flow preventer/vacuum breaker and drain harmlessly to the ground through the air ports.

**WARNING:** When using a self-closing nozzle, always relieve pressure in the hose upon water shutoff to activate drainage of faucet.



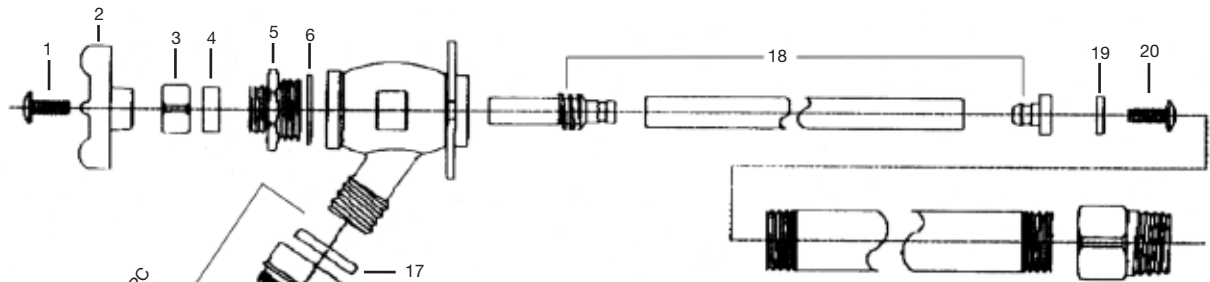
IAPMO Listed  
ASSE 1019  
Pat. #5,228,471

## Arrowhead Brass Products, LLC

5147 Alhambra Ave., Los Angeles, CA 90032 323 221-9137, fax 323 221-2579 www.arrowheadbrass.com  
For over 70 years, Arrowhead Brass has been known for quality products manufactured and assembled in the USA.

# 480 SERIES

MODEL NO.	DESCRIPTION	MODEL NO.	DESCRIPTION
485BFP04	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 4"	486BFP06LK	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 6", Loose Key
485BFP04LK	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 4", Loose Key	486BFP08	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 8"
485BFP06	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 6"	486BFP08LK	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 8", Loose Key
485BFP06LK	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 6", Loose Key	486BFP10	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 10"
485BFP08	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 8"	486BFP10LK	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 10", Loose Key
485BFP08LK	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 8", Loose Key	486BFP12	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 12"
485BFP10	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 10"	486BFP12LK	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 12", Loose Key
485BFP10LK	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 10", Loose Key	486BFP14	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 14"
485BFP12	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 12"	486BFP14LK	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 14", Loose Key
485BFP12LK	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 12", Loose Key	489BFP04	Anti-Siphon Frost Free Hydrant PEX x 4"
485BFP14	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 14"	489BFP06	Anti-Siphon Frost Free Hydrant PEX x 6"
485BFP14LK	Anti-Siphon Frost Free Hydrant 1/2" FIP or 3/4" MIP x 14", Loose Key	489BFP08	Anti-Siphon Frost Free Hydrant PEX x 8"
486BFP02	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 2"	489BFP10	Anti-Siphon Frost Free Hydrant PEX x 10"
486BFP04	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 4"	489BFP12	Anti-Siphon Frost Free Hydrant PEX x 12"
486BFP04LK	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 4", Loose Key	489BFP14	Anti-Siphon Frost Free Hydrant PEX x 14"
486BFP06	Anti-Siphon Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP x 6"		



Illus. #	Description	Part #
1	Stainless Steel Screw	8
2	Oval Handle - green	11
3	O-Ring Bonnet	61CA
4	Bonnet Washer	62
5	O-Ring Stem	1F
6	O-Ring	1OR
7	Body Component - Hose Outlet	59-1
8	Stainless Steel Spring	59-B
9	Plunger	58C
10	Plunger Seal	58D
11	Breaker Diaphragm	58E
12	Brass Disc	58F
13	Body Component - Center	59-2
14	Drain Diaphragm	59E
15	Body Seal Washer	59G
16	Body Component - Inlet Non Hose Thread	59-3
17	Hose Washer	58G
7-17 incl.	Self Draining Vacuum Breaker Non Hose Thread	59BFPC
18	Stem (length desired)	60
19	Seat Washer	5
20	Seat Washer Screw	6

IAMPO Listed  
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