



## 490 Series Lead Free Hot & Cold Anti-Siphon Wall Hydrants

Arrowhead Brass 490 series Lead Free Hot and Cold Self-Draining Frost-Proof Wall Hydrants are made of heavy-duty Lead Free brass and copper. The 490 series features an integral self-draining vacuum breaker that provides freeze protection by allowing the wall hydrant to drain upon shut off if the hose is removed. Available in horizontal or vertical models, in various lengths and inlet connections, Arrowhead Brass hot and cold wall hydrants are perfect for any installation to provide hot and cold watering all year. Arrowhead Brass 490 series are UPC listed and certified to ASSE 1019-A and NSF/ANSI 372 Lead-Free by IAPMO.



### Features and Specifications

- Heavy duty lead free brass and copper construction. NSF/ANSI 372 certified Lead Free by IAPMO.
- Available in horizontal (49\*-\*\*LF) or vertical (49\*-\*\*VLF) models.
- Utilizes Arrowhead's exclusive no-leak one-piece bonnets with EPDM O-ring seals.
- Integral self-draining vacuum breaker provides protection against back flow & relieves back pressure per ASSE 1019-A.
- Nickel plated, solid brass body and wall flange with built-in offset to allow water drainage upon shut-off.
- Maximum pressure: 125 PSI. Max temperature: 140° F
- Flow rate: 10 GPM at 50 PSI.
- 3-year limited warranty.
- Red and blue oval handles for easy identification.
- Per ASSE 1019 plumbing code, this product is not intended to be under constant pressure for over 12 hours at a time.

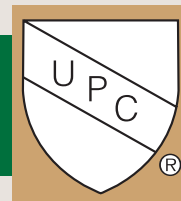
### Models

<b>491-**-LF</b>	3/4" Cold Expansion PEX (ASTM F1960)	
<b>492-**-LF</b>	1/2" Cold Expansion PEX (ASTM F1960)	
<b>495-**-LF</b>	1/2" Female Pipe Thread ID. 3/4" Male Pipe Thread OD.	
<b>496-**-LF</b>	1/2" Copper Sweat ID. 1/2" Male Pipe Thread OD.	
<b>497-**-LF</b>	3/4" Crimp PEX (ASTM F1807)	
<b>498-**-LF</b>	3/4" Copper Sweat ID. 3/4" Male Pipe Thread OD.	
<b>499-**-LF</b>	1/2" Crimp PEX (ASTM F1807)	

**\*\* = hydrant length:**

04 - 4" insertion depth  
06 - 6" insertion depth  
08 - 8" insertion depth  
10 - 10" insertion depth  
12 - 12" insertion depth  
14 - 14" insertion depth

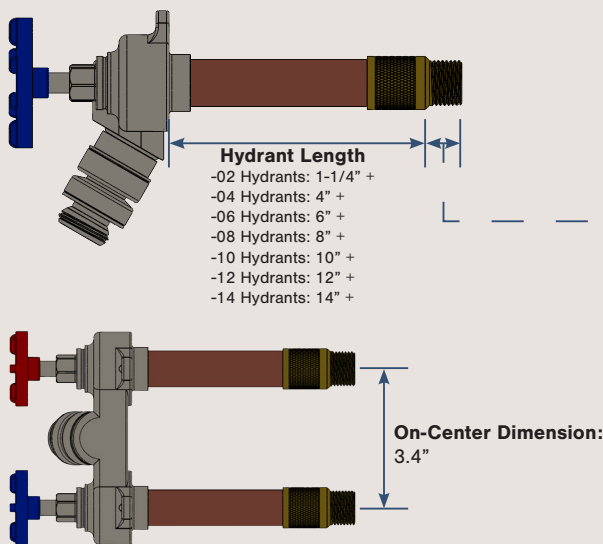
Add "V" after a length  
for vertical hydrants:  
(i.e. 496-04VLF)





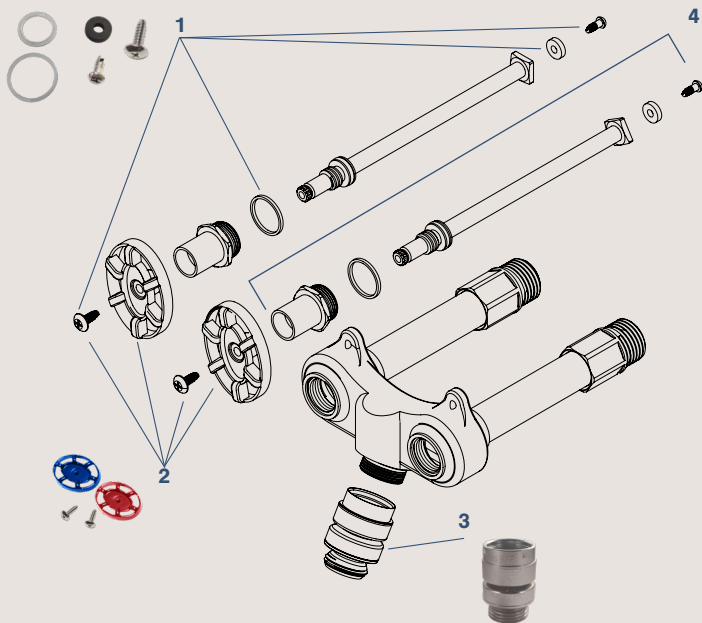
# 490 Series Lead Free Hot & Cold Anti-Siphon Wall Hydrants

## Dimensions



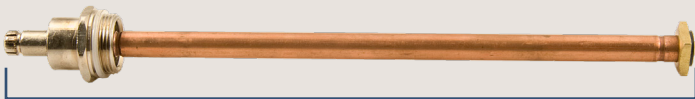
Inlet #	Connection Type	Add. Length
1	3/4" Cold Expansion PEX (ASTM F1960)	2"
2	1/2" Cold Expansion PEX (ASTM F1960)	1-3/4"
5	1/2" Female Pipe Thread ID. 3/4" Male Pip Thread OD.	1-5/8"
6	1/2" Copper Sweat ID. 1/2" Male Pipe Thread OD.	1-1/2"
7	3/4" Crimp PEX (ASTM F1807)	1-5/8"
8	3/4" Copper Sweat ID. 3/4" Male Pipe Thread OD.	1-5/8"
9	1/2" Crimp PEX (ASTM F1807)	1-5/8"

## Part Kits



ID	Part #	Description
1	PK1000	Stem Rebuild Kit: Seat washer, seat washer screw, nylon bonnet washer & handle screw
2	PK1299	Red & Blue Oval Handles (Diecast Aluminum) and Stainless Steel Self-Tapping Handle Screw
3	PK1390	Replacement Self-Draining Vacuum Breaker, Chrome Plated (59BFPCHR)- 1-1/16" Fine Thread inlet.
4	(see below)	Replacement Stem Assembly

## Replacement Stem Assemblies



Total Stem Length (Overall)

Part #	Description	Length
PK9004	Stem assembly for 4" 490 series hot & cold	7.25" total
PK9006	Stem assembly for 6" 490 series hot & cold	9.25" total
PK9008	Stem assembly for 8" 490 series hot & cold	11.25" total
PK9010	Stem assembly for 10" 490 series hot & cold	13.25" total
PK9012	Stem assembly for 12" 490 series hot & cold	15.25" total
PK9014	Stem assembly for 14" 490 series hot & cold	17.25" total

**Warning:** Frost-Proof Wall Hydrants must be installed with a downward tilt toward hose thread outlet AND the hose or other devices must be removed in cold and freezing weather. Failure to properly winterize a frost-proof wall hydrant can result in damage caused by freezing water and is not covered under warranty.