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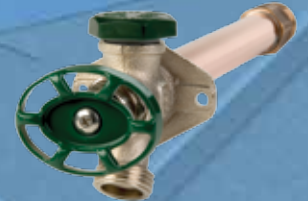


Arrowhead Brass & Plumbing

Commercial and Residential Product Catalog



QuickTurn™
Frost-Free Hydrants
Now Available
See Inside



Arrow-Breaker®



Arrow-Breaker®



MADE IN USA





Arrow-Breaker® No-Kink Hose Bibbs with Patented Integrated (Built-in) Anti-Siphon Vacuum Breaker Technology



261/361

263/363

262CC

264CC

Loose Key

BASE MODEL	DESCRIPTION
261BCLD	No-Kink Hose Bibb 1/2" MIP x 3/4" Hose Connection Arrow-Breaker®
361BCLD	No-Kink Hose Bibb 3/4" MIP x 3/4" Hose Connection Arrow-Breaker®
263BCLD	No-Kink Hose Bibb 1/2" FIP x 3/4" Hose Connection Arrow-Breaker®
363BCLD	No-Kink Hose Bibb 3/4" FIP x 3/4" Hose Connection Arrow-Breaker®
262CCBCLD	No-Kink Hose Bibb 1/2" or 3/4" Copper Sweat x 3/4" Hose Connection Arrow-Breaker®
264CCBCLD	No-Kink Hose Bibb 1/2" Copper Compression x 3/4" Hose Connection Arrow-Breaker®

- Arrow-Breaker® 260/360 Series No-Kink Hose Bibbs feature a patented integrated (built-in) Anti-Siphon Vacuum Breaker eliminating the need for "thread-on" type devices that restrict flow.
- Vandal resistant Loose Key option available (add suffix, LK).
- ASSE 1011 listed.

- Exclusive O-Ring Bonnets (No Packing Nut).
- Made from the highest quality Red Brass alloy.
- For available options, use Base Model number and add desired suffix from Legend.

For more information see the Arrow-Breaker® video on our web site:
(www.arrowheadbrass.com) – Click on "ARROW BREAKER TECHNOLOGY"



Arrow-Breaker® Solid Flange Sill Faucets with Patented Integrated (Built-in) Anti-Siphon Vacuum Breaker Technology



265/365

265SW

269

266/366

Loose Key

BASE MODEL	DESCRIPTION
265BCLD	Sillcock Hose Bibb 1/2" FIP x 3/4" Hose Connection Arrow-Breaker®
365BCLD	Sillcock Hose Bibb 3/4" FIP x 3/4" Hose Connection Arrow-Breaker®
269BCLD	Sillcock Hose Bibb PEX Connection x 3/4" Hose Connection Arrow-Breaker®
265SWBCLD	Sillcock Hose Bibb 1/2" Copper Sweat x 3/4" Hose Connection Arrow-Breaker®
365SWBCLD	Sillcock Hose Bibb 3/4" Copper Sweat x 3/4" Hose Connection Arrow-Breaker®
266BCLD	1/2" Push-Fit Hose Bibb x 3/4" Hose Connection Arrow-Breaker®
366BCLD	3/4" Push-Fit Hose Bibb x 3/4" Hose Connection Arrow-Breaker®

- Arrow-Breaker® 260/360 Series No-Kink Sill Faucets feature a patented integrated (Built-in) Anti-Siphon Vacuum Breaker eliminating the need for "thread-on" type devices that restrict flow.
- Vandal resistant Loose Key option available (add suffix, LK).
- ASSE 1011 listed.

- Exclusive O-Ring Bonnets (No Packing Nut).
- Made from the highest quality Red Brass alloy.
- For available options, use Base Model number and add desired suffix from Legend.

For more information see the Arrow-Breaker® video on our web site:
(www.arrowheadbrass.com) – Click on "ARROW BREAKER TECHNOLOGY"



Arrowhead QuickTurn™ Hose Bibbs



253QT/353QT

251QT/351QT

221QT/223QT

301QT/302QT

255QT/355QT

BASE MODEL	DESCRIPTION
221QT	Boiler Drain 1/2" MIP x 3/4" Hose Connection, <i>QuickTurn™</i>
223QT	Boiler Drain 3/4" MIP x 3/4" Hose Connection, <i>QuickTurn™</i>
301QT	Standard Hose Bibb 1/2" MIP x 3/4" Hose Connection S.S.S., <i>QuickTurn™</i>
302QT	Standard Hose Bibb 3/4" MIP x 3/4" Hose Connection S.S.S., <i>QuickTurn™</i>
251QT	No-Kink Hose Bibb 1/2" MIP x 3/4" Hose Connection, <i>QuickTurn™</i>
253QT	No-Kink Hose Bibb 1/2" FIP x 3/4" Hose Connection, <i>QuickTurn™</i>
351QT	No-Kink Hose Bibb 3/4" MIP x 3/4" Hose Connection, <i>QuickTurn™</i>
353QT	No-Kink Hose Bibb 3/4" FIP x 3/4" Hose Connection, <i>QuickTurn™</i>
255QT	Sillcock 1/2" FIP x 3/4" Hose Connection, <i>QuickTurn™</i>
255SWQT	Sillcock 1/2" or 3/4" Copper Sweat x 3/4" Hose Connection, <i>QuickTurn™</i>
355QT	Sillcock 3/4" FIP x 3/4" Hose Connection, <i>QuickTurn™</i>

– For available options, use Base Model number and add desired suffix from Legend.



Arrowhead Boiler Drains



221/223

220/222

221CCRB

225

BASE MODEL	DESCRIPTION
220	Boiler Drain 3/4" FIP x 3/4" Hose Connection
221	Boiler Drain 1/2" MIP x 3/4" Hose Connection
222	Boiler Drain 1/2" FIP x 3/4" Hose Connection
223	Boiler Drain 3/4" MIP x 3/4" Hose Connection
225	Boiler Drain 1/2" MIP x 3/4" Hose Connection Inverted Nose

– Exclusive O-Ring Bonnet (No Packing Nut).

– For available options, use Base Model number and add desired suffix from Legend.

LEGEND - Not all options available with all models			
B Boxed	CHR Chrome	LP Propane Gas	QT <i>QuickTurn™</i>
BCLD Bar Code	K Kit	LS Less Key	RB Rough Brass Finish
BFP Vacuum Breaker	LF Lead Free	OH Oval handle	SAT Satin Finish
BZ Bronze Handle	LK Loose Key	PB Polished Brass	SC Self-Closing
CC Copper Connection	LLB Log Lighter	PE Plain End	SD Self-Draining
			SW Sweat Connection
			TH Tee Handle
			V Vertical
			WH Wheel Handle





Arrowhead Washing Machine Valves (Satin Finish)



221CC



247



250



249

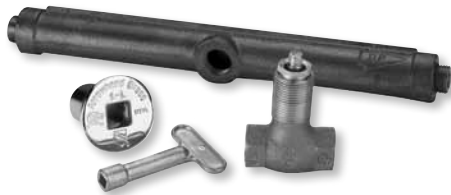


248

BASE MODEL	DESCRIPTION
221CC	Washing Machine Valve 1/2" Copper Compression x 3/4" Hose Connection
247	Washing Machine Valve 1/2" FIP x 3/4" Hose, Front Handle
248	Washing Machine Valve 1/2" FIP x 1/2" MIP with Rev. Bypass with 3/4" Hose Connection
249	Washing Machine Valve 1/2" FIP x 3/4" Hose, Top Handle
250	Washing Machine Valve 1/2" FIP x 1/2" MIP with 3/4" Hose on Bottom

- Exclusive O-Ring Bonnet (No Packing Nut).
- For available options, use Base Model number and add desired suffix from Legend.

Hearthlight Kits (Available for Propane or Natural Gas)



Log Lighter Kits & Valves (Available for Propane or Natural Gas)



Hearthlight Log Lighter Kits

BASE MODEL	DESCRIPTION
258KBCLD	Log Lighter Valve Kit, Straight
259KBCLD	Log Lighter Valve Kit, Angled
258KLPBCLD	Propane Gas Log Lighter, Straight Valve Kit
259KLPBCLD	Propane Gas Log Lighter, Angled Valve Kit
258KPB	Log Lighter Valve Kit, Polished Brass

The Arrowhead Brass HearthLight Log Lighter kits come with our Log Lighter Valve with adjustable Chrome Plated Flange, 2-1/4" Loose Key and our 12" Heavy Duty Cast Iron Log Lighter Bar with ledged design to eliminate falling ashes from blocking the orifices. Each bar has three 1/2" IPS inlets to fit most applications. CSA listed in the US and Canada. IAPMO listed.

Log Lighter Kits

BASE MODEL	DESCRIPTION
258	Log Lighter Valve 1/2" FIP Straight Valve with Chrome Flange & Key
258LP	Propane Gas Log Lighter Valve 1/2" FIP Straight Valve with Propane Adaptor, Chrome Flange, & Key
258NC	1/2" FIP Straight Pattern Gas Log Lighter Valve, Less Flange & Key
258LLB	Log Lighter Bar
259	Log Lighter Valve 1/2" FIP Angle Valve with Chrome Flange & Key
259LP	Propane Gas Log Lighter Valve 1/2" FIP Angle Valve with Propane Adaptor, Chrome Flange, & Key
259NC	1/2" FIP Angle Pattern Gas Log Lighter Valve, Less Flange & Key

- For available options, use Base Model number and add desired suffix from Legend





Standard Hose Bibbs



201/202

301/302

BASE MODEL	DESCRIPTION
201	1/2" MIP x 3/4" Hose Thread SOT
202	3/4" MIP x 3/4" Hose Thread SOT
301	1/2" MIP x 3/4" Hose Thread SSS
302	3/4" MIP x 3/4" Hose Thread SSS

- Arrowhead Hose Bibbs feature heavy pattern rough brass and coated tee handles.
- Exclusive O-Ring Bonnet (No Packing Nut).
- For available options, use Base Model number and add desired suffix from Legend.

Standard Hose Bibbs (Self Closing)



301SC/302SC

BASE MODEL	DESCRIPTION
301SC	1/2" MIP x 3/4" Hose Thread SSS, Self-Closing
302SC	3/4" MIP x 3/4" Hose Thread SSS, Self-Closing

- Ideal for public water access applications.
- Exclusive O-Ring Bonnet (No Packing Nut).
- For available options, use Base Model number and add desired suffix from Legend.



Arrowhead No-Kink Hose Bibbs



251/351

253/353

252CC

254CC

LOOSE KEY

BASE MODEL	DESCRIPTION
251	1/2" MIP x 3/4" Hose Thread
351	3/4" MIP x 3/4" Hose Thread
253	1/2" FIP x 3/4" Hose Thread
353	3/4" FIP x 3/4" Hose Thread
252CC	1/2" or 3/4" Copper Sweat x 3/4" Hose Thread
254CC	1/2" Copper compression 3/4" Hose Thread

- Arrowhead Hose Bibbs features heavy pattern rough brass and coated tee handles.
- Vandal resistant Loose Key option available (add suffix, LK).
- Exclusive O-Ring Bonnet (No Packing Nut).
- For available options, use Base Model number and add desired suffix from Legend.

LEGEND - Not all options available with all models

B Boxed	CHR Chrome	LP Propane Gas	QT QuickTurn™	SW Sweat Connection
BCLD Bar Code	K Kit	LS Less Key	RB Rough Brass Finish	TH Tee Handle
BFP Vacuum Breaker	LF Lead Free	OH Oval handle	SAT Satin Finish	V Vertical
BZ Bronze Handle	LK Loose Key	PB Polished Brass	SC Self-Closing	WH Wheel Handle
CC Copper Connection	LLB Log Lighter	PE Plain End	SD Self-Draining	





Arrowhead No-Kink Hose Bibbs (Anti-Siphon)



251BFP/351BFP

253BFP/353BFP

254CCBFP

252CCBFP

BASE MODEL	DESCRIPTION
251BFP	1/2" MIP x 3/4" Hose Thread, Vacuum Breaker
351BFP	3/4" MIP x 3/4" Hose Thread, Vacuum Breaker
253BFP	1/2" FIP x 3/4" Hose Thread, Vacuum Breaker
353BFP	3/4" FIP x 3/4" Hose Thread, Vacuum Breaker
252CCBFP	1/2" or 3/4" Copper Sweat x 3/4" Hose Thread, Vacuum Breaker
254CCBFP	1/2" Copper Compression x 3/4" Hose Thread, Vacuum Breaker

- Factory installed vandal-resistant vacuum breaker with protective plastic cap.
- Exclusive O-Ring Bonnet (No Packing Nut).
- See also page 2 Arrow-Breaker® versions with Integrated (Built-In) Anti-Siphon Vacuum Breaker.
- For available options, use Base Model number and add desired suffix from Legend.



Arrowhead QuickTurn™ Ball Valve Hose Bibbs



301BV/302BV

255BV/355BV

251BV/351BV

253BV/353BV

252CCBV

BASE MODEL	DESCRIPTION
251BV	No-Kink Hose Bibb Ball Valve 1/2" MIP, QuickTurn™
351BV	No-Kink Hose Bibb Ball Valve 3/4" MIP, QuickTurn™
253BV	No-Kink Hose Bibb Ball Valve 1/2" FIP, QuickTurn™
353BV	No-Kink Hose Bibb Ball Valve 3/4" FIP, QuickTurn™
252CCBV	No-Kink Hose Bibb Ball Valve 1/2" Copper Sweat, QuickTurn™
255BV	Sillcock Ball Valve 1/2" FIP, QuickTurn™
355BV	Sillcock Ball Valve 3/4" FIP, QuickTurn™
301BV	Standard Hose Bibb Ball Valve 1/2" MIP, QuickTurn™
302BV	Standard Hose Bibb Ball Valve 3/4" MIP, QuickTurn™

- Arrowhead has ADA (American Disabilities Act) Ball Valve Hose Bibbs with coated handles.
- QuickTurn™, bidirectional (180° operation).
- For available options, use Base Model number and add desired suffix from Legend.





Solid Flange Sill Faucets



255/355

255SW

BASE MODEL	DESCRIPTION
255	1/2" FIP x 3/4" Hose Thread with Oval Handle
355	3/4" FIP x 3/4" Hose Thread with Oval Handle
255SW	1/2" or 3/4" Copper Sweat x 3/4" Hose Thread with Oval Handle

- Exclusive O-Ring Bonnet (No Packing Nut).
- For available options, use Base Model number and add desired suffix from Legend.



Solid Flange Sill Faucets (Loose Key)



255LK/355LK

BASE MODEL	DESCRIPTION
255LK	1/2" FIP x 3/4" Hose Thread, Loose Key
355LK	3/4" FIP x 3/4" Hose Thread, Loose Key

- Factory installed Loose Key Lockshield. Key optional.
- Exclusive O-Ring Bonnet (No Packing Nut).
- For available options, use Base Model number and add desired suffix from Legend.



Self Draining Sill Faucets (Self Draining Anti-Siphon)



255BFPSD/355BFPSD

BASE MODEL	DESCRIPTION
255BFPSD	1/2" FIP x 3/4" Hose Thread with Oval handle, Self Draining Vacuum Breaker
355BFPSD	3/4" FIP x 3/4" Hose Thread with Oval handle, Self Draining Vacuum Breaker

- Factory installed vandal-resistant, self draining vacuum breaker with protective plastic cap.
- Exclusive O-Ring Bonnet (No Packing Nut).
- For available options, use Base Model number and add desired suffix from Legend.



Anti-Siphon Sill Faucets



255BFP/355BFP

BASE MODEL	DESCRIPTION
255BFP	1/2" FIP X 3/4" Hose Thread with Oval Handle, Vacuum Breaker
355BFP	3/4" FIP X 3/4" Hose Thread with Oval Handle, Vacuum Breaker
255SWBFP	1/2" or 3/4" Copper Sweat x 3/4" Hose Thread with Oval Handle

- Factory installed vandal-resistant vacuum breaker with protective plastic cap.
- Exclusive O-Ring Bonnet (No Packing Nut).
- See also page 2 Arrow-Breaker® versions with Integrated (Built-In) Anti-Siphon Vacuum Breaker.

LEGEND - Not all options available with all models

B Boxed	CHR Chrome	LP Propane Gas	QT QuickTurn™	SW Sweat Connection
BCLD Bar Code	K Kit	LS Less Key	RB Rough Brass Finish	TH Tee Handle
BFP Vacuum Breaker	LF Lead Free	OH Oval handle	SAT Satin Finish	V Vertical
BZ Bronze Handle	LK Loose Key	PB Polished Brass	SC Self-Closing	WH Wheel Handle
CC Copper Connection	LLB Log Lighter	PE Plain End	SD Self-Draining	





Commercial Anti-Siphon Frost-Free Hydrant



AC4H **ACHB**

BASE MODEL	DESCRIPTION
AC2H	Commercial Anti-Siphon Frost-Free Hydrant 3/4" Female Solder or 3/4" MIP x 2"
AC4H	Commercial Anti-Siphon Frost-Free Hydrant 3/4" Female Solder or 3/4" MIP x 4"
AC6H	Commercial Anti-Siphon Frost-Free Hydrant 3/4" Female Solder or 3/4" MIP x 6"
AC8H	Commercial Anti-Siphon Frost-Free Hydrant 3/4" Female Solder or 3/4" MIP x 8"
AC10H	Commercial Anti-Siphon Frost-Free Hydrant 3/4" Female Solder or 3/4" MIP x 10"
AC12H	Commercial Anti-Siphon Frost-Free Hydrant 3/4" Female Solder or 3/4" MIP x 12"
ACHB	Commercial Hydrant Box

– Arrowhead commercial anti-siphon, automatic draining, non-freeze wall hydrant complete with integral backflow preventer, copper casing, all bronze interior parts, non-turning operating rod with free-floating compression closure valve.

– Includes stainless steel face plate and key.

Commercial Narrow Wall Hydrant Box



ACCC

BASE MODEL	DESCRIPTION
ACCC	Commercial Close Coupled Valve & Box
ACCCBFP	Commercial Close Coupled Valve & Box with Vacuum Breaker

– Arrowhead's stainless steel light commercial recessed hose bibb box for mild climate is the perfect fit for all 4" wall installations. Model ACCC comes complete for those narrow installations, incorporating an all bronze body and interior parts, with replaceable seat washer, screwdriver supply stop so this valve can be worked on without a building shut down, key operated main valve, and a stainless steel box and cover with a locking key.

– Comes with a 3/4" FIP inlet.

Commercial Sillcock Box



ACSB

BASE MODEL	DESCRIPTION
ACSB	Commercial Sillcock Box

– The Arrowhead commercial sillcock box eliminates the hazards of protruding hose bibbs. They are recommended for installation in interior or exterior building walls where they are not subject to freezing conditions. All boxes are chrome plated rough cast bronze with doors that have a key operated lock and concealed hinges.

– Boxes and valves are sold separately.

– IAMPO and ASSE 1011 listed.

LEGEND - Not all options available with all models			
B Boxed	CHR Chrome	LP Propane Gas	QT QuickTurn™
BCLD Bar Code	K Kit	LS Less Key	RB Rough Brass Finish
BFP Vacuum Breaker	LF Lead Free	OH Oval handle	SAT Satin Finish
BZ Bronze Handle	LK Loose Key	PB Polished Brass	SC Self-Closing
CC Copper Connection	LLB Log Lighter	PE Plain End	SD Self-Draining
			SW Sweat Connection
			TH Tee Handle
			V Vertical
			WH Wheel Handle





Double-Arrow™ Double-Check Commercial Hydrants with Stainless Steel Enclosure (AC Series)



Available with Square or Round Housing.

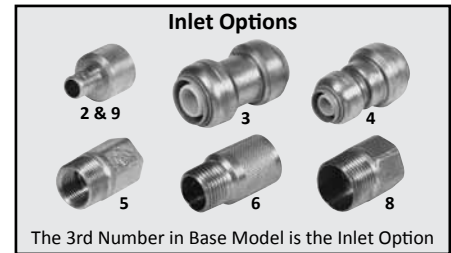
AC410 Series AC410-BOX / ACR410-BOX

BASE MODEL	DESCRIPTION (Specify Length- 2", 4", 6", 8", 10", 12", 14")
AC410-BOX	Stainless Steel Commercial Box with Mounting Kit (specify ACR for round housing)
AC411-02LKBCLD	Close Coupled with 360° swivel inlet Double-Arrow™ Frost-Free Hydrant - Commercial Box with Mounting Kit
AC412-"xx"LKBCLD	WIRSBO® WPX Double-Arrow™ Frost-Free Hydrant - Commercial Box with Mounting Kit
AC413-"xx"LKBCLD	3/4" Push-Fit Double-Arrow™ Frost-Free Hydrant - Commercial Box with Mounting Kit
AC414-"xx"LKBCLD	1/2" Push-Fit Double-Arrow™ Frost-Free Hydrant - Commercial Box with Mounting Kit
AC415-"xx"LKBCLD	1/2" FIP or 3/4" MIP Double-Arrow™ Frost-Free Hydrant - Commercial Box with Mounting Kit
AC416-"xx"LKBCLD	1/2" Copper Sweat or 1/2" MIP Double-Arrow™ Frost-Free Hydrant - Commercial Box with Mounting Kit
AC418-"xx"LKBCLD	3/4" Copper Sweat or 3/4" MIP Double-Arrow™ Frost-Free Hydrant - Commercial Box with Mounting Kit
AC419-"xx"LKBCLD	Standard PEX Double-Arrow™ Frost-Free Hydrant - Commercial Box with Mounting Kit

- Specify Length "xx" - Standard Length up to 14" (longer lengths available by Special Order).
- Stainless steel box available separately as part number AC410-BOX (Square), ACR410-Box (Round).
- ASSE 1053 Approved (IAPMO Listed).
- Exclusive O-Ring Bonnet (No Packing Nut).
- Add QT after Base Model for QuickTurn™ option, for other options, use Base Model number and add desired suffix from Legend.



Double-Arrow™ Double-Check Commercial Frost-Free Hydrant (410 Series)



410 Series

BASE MODEL	DESCRIPTION (Specify Length- 2", 4", 6", 8", 10", 12", 14")
412-"xx"BCLD	WIRSBO® WPX Double-Arrow™ Frost-Free Hydrant Only - Rubberized Handle
413-"xx"BCLD	3/4" Push-Fit Double-Arrow™ Frost-Free Hydrant Only - Rubberized Handle
414-"xx"BCLD	1/2" Push-Fit Double-Arrow™ Frost-Free Hydrant Only - Rubberized Handle
415-"xx"BCLD	1/2" FIP or 3/4" MIP Double-Arrow™ Frost-Free Hydrant Only - Rubberized Handle
416-"xx"BCLD	1/2" Copper Sweat or 1/2" MIP Double-Arrow™ Frost-Free Hydrant Only - Rubberized Handle
418-"xx"BCLD	3/4" Copper Sweat or 3/4" MIP Double-Arrow™ Frost-Free Hydrant Only - Rubberized Handle
419-"xx"BCLD	Standard PEX Double-Arrow™ Frost-Free Hydrant Only - Rubberized Handle

- Specify Length "xx" - Standard Length up to 14" (longer lengths available by Special Order).
- Add LK at the end of the part no. for Loose Key version (Fits AC/ACR410-Box).
- ASSE 1053 Approved (IAPMO Listed).
- Exclusive O-Ring Bonnet (No Packing Nut).
- Add BZ for Bronze Handle Option.
- Add QT after Base Model for QuickTurn™ option, for other options, use Base Model number and add desired suffix from Legend.

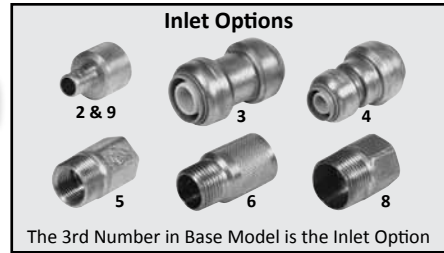




Arrowhead Anti-Siphon Frost-Free Hydrant (420BFP Series)



New Bronze Handle Option



420 Series

BASE MODEL	DESCRIPTION (Specify Length- 2", 4", 6", 8", 10", 12", 14")
422BFP"xx"BCLD	Anti-Siphon Frost-Free Hydrant, WIRSBO® WPX
423BFP"xx"BCLD	3/4" Push-Fit Anti-Siphon Frost-Free Hydrant
424BFP"xx"BCLD	1/2" Push-Fit Anti-Siphon Frost-Free Hydrant
425BFP"xx"BCLD	Anti-Siphon Frost-Free Hydrant 1/2" FIP or 3/4" MIP
426BFP"xx"BCLD	Anti-Siphon Frost-Free Hydrant 1/2" Copper Sweat or 1/2" MIP
428BFP"xx"BCLD	Anti-Siphon Frost-Free Hydrant 3/4" Copper Sweat or 3/4" MIP
429BFP"xx"BCLD	Anti-Siphon Frost-Free Hydrant PEX

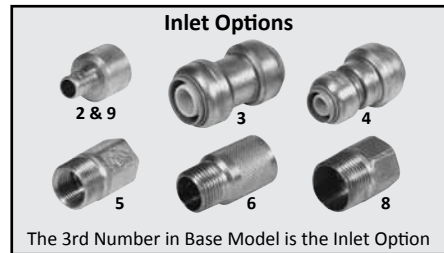
- Specify Length "xx" - Standard Length up to 14" (longer lengths available by Special Order).
- With Integral Vacuum Breaker with Vandal-Resistant Vented Cap.
- Rubberized Coated Handle.
- Add BZ for Bronze Handle Option.
- Exclusive O-Ring Bonnet (No Packing Nut).
- ASSE 1019A and IAPMO listed.
- Add QT after Base Model for QuickTurn™ option, for other options, use Base Model number and add desired suffix from Legend.



Arrowhead Standard Frost-Free Hydrant (450 Series)



New Bronze Handle Option



450 Series

BASE MODEL	DESCRIPTION (Specify Length- 2", 4", 6", 8", 10", 12", 14")
452-"xx"BCLD	Frost Free Hydrant, WIRSBO® WPX
453-"xx"BCLD	3/4" Push-Fit Frost-Free Hydrant
454-"xx" BCLD	1/2" Push-Fit Frost-Free Hydrant
455-"xx"BCLD	Frost Free Hydrant 1/2" FIP or 3/4" MIP
456-"xx"BCLD	Frost Free Hydrant 1/2" Copper Sweat or 1/2" MIP
458-"xx"BCLD	Frost Free Hydrant 3/4" Copper Sweat or 3/4" MIP
459-"xx"BCLD	Frost Free Hydrant PEX

- Specify Length "xx" - Standard Length up to 14" (longer lengths available by Special Order).
- Rubberized Coated Handle.
- Add BZ for Bronze Handle Option.
- Exclusive O-Ring Bonnet (No Packing Nut).
- ASSE 1019A and IAPMO listed.
- Add QT after Base Model for QuickTurn™ option, for other options, use Base Model number and add desired suffix from Legend.

LEGEND - Not all options available with all models

B Boxed	CHR Chrome	LP Propane Gas	QT QuickTurn™	SW Sweat Connection
BCLD Bar Code	K Kit	LS Less Key	RB Rough Brass Finish	TH Tee Handle
BFP Vacuum Breaker	LF Lead Free	OH Oval handle	SAT Satin Finish	V Vertical
BZ Bronze Handle	LK Loose Key	PB Polished Brass	SC Self-Closing	WH Wheel Handle
CC Copper Connection	LLB Log Lighter	PE Plain End	SD Self-Draining	

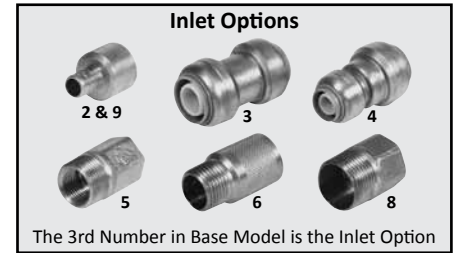




Arrow-Breaker® Frost-Free Hydrants with Patented Integrated (Built-in) Anti-Siphon Vacuum Breaker Technology (460 Series)



New Bronze Handle Option



460 Series

BASE MODEL	DESCRIPTION (Specify Length- 2", 4", 6", 8", 10", 12", 14")
462"xx"BCLD	Arrow-Breaker® Anti-Siphon Frost-Free Hydrant, WIRSBO® WPX
463"xx" BCLD	3/4" Push-Fit Arrow-Breaker® Anti-Siphon Frost-Free Hydrant
464"xx"BCLD	1/2" Push-Fit Arrow-Breaker® Anti-Siphon Frost-Free Hydrant
465"xx"BCLD	1/2" FIP or 3/4" MIP Arrow-Breaker® Anti-Siphon Frost-Free Hydrant
466"xx"BCLD	1/2" Copper Sweat or 1/2" MIP Arrow-Breaker® Anti-Siphon Frost-Free Hydrant
468"xx"BCLD	3/4" Copper Sweat or 3/4" MIP Arrow-Breaker® Anti-Siphon Frost-Free Hydrant
469"xx"BCLD	PEX Arrow-Breaker® Anti-Siphon Frost-Free Hydrant

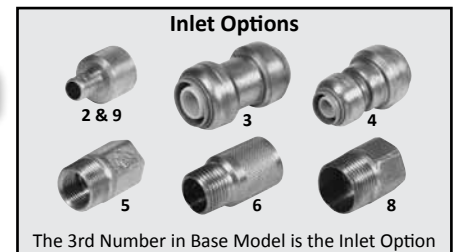
- Arrow-Breaker® Frost Proof Hydrants feature a patented integrated (Built-in) Anti-Siphon Vacuum Breaker eliminating the need for "thread-on" type devices that restrict flow.
- Specify Length "xx" - Standard Length up to 14" (longer lengths available by Special Order).
- Exclusive O-Ring Bonnet (No Packing Nut).
- ASSE 1019A and IAPMO Listed.
- Add BZ for Bronze Handle Option.
- Add QT after Base Model for QuickTurn™ option, for other options, use Base Model number and add desired suffix from Legend.



Frost-Free Self-Draining Hydrant with Thread-on Vacuum Breaker (480BFP Series)



New Bronze Handle Option



480 Series

BASE MODEL	DESCRIPTION (Specify Length- 2", 4", 6", 8", 10", 12", 14")
482BFP"xx"BCLD	Self-Draining Anti-Siphon Frost-Free Hydrant, WIRSBO® WPX
483BFP"xx"BCLD	3/4" Push-Fit Self-Draining Anti-Siphon Frost-Free Hydrant
484BFP"xx"BCLD	1/2" Push-Fit Self-Draining Anti-Siphon Frost-Free Hydrant
485BFP"xx"BCLD	Self-Draining Anti-Siphon Frost-Free Hydrant 1/2" FIP or 3/4" MIP
486BFP"xx"BCLD	Self-Draining Anti-Siphon Frost-Free Hydrant 1/2" Copper Sweat or 1/2" MIP
488BFP"xx"BCLD	Self-Draining Anti-Siphon Frost-Free Hydrant 3/4" Copper Sweat or 3/4" MIP
489BFP"xx"BCLD	Self-Draining Anti-Siphon Frost-Free Hydrant PEX

- This valve has less parts and still incorporates our factory installed vacuum breaker and self-draining features.
- Specify Length "xx" - Standard Length up to 14" (longer lengths available by Special Order).
- Exclusive O-Ring Bonnet (No Packing Nut).
- ASSE 1019A and IAPMO listed.
- New Rubberized Coated Handle.
- Add QT after Base Model for QuickTurn™ option, for other options, use Base Model number and add desired suffix from Legend.





Hot & Cold Anti-Siphon Hydrant (490BFP Series)



490BFP Series

490BFPV Series

BASE MODEL	DESCRIPTION (Specify Length- 2", 4", 6", 8", 10", 12", 14")
492BFP"xx"BCLD	Hot/Cold Anti-Siphon Frost-Free Hydrant, WIRSBO® WPX
493BFP"xx"BCLD	3/4" Push-Fit Hot/Cold Anti-Siphon Frost-Free Hydrant
494BFP"xx"BCLD	1/2" Push-Fit Hot/Cold Anti-Siphon Frost-Free Hydrant
496BFP"xx"BCLD	Hot/Cold Anti-Siphon Frost-Free Hydrant 1/2" Copper Sweat or 1/2" MIP
498BFP"xx"BCLD	Hot/Cold Anti-Siphon Frost-Free Hydrant 3/4" Copper Sweat or 3/4" MIP
499BFP"xx"BCLD	Hot/Cold Anti-Siphon Frost-Free Hydrant PEX

- Perfect for washing lawn furniture, decks and siding in time for summer. During winter months install in your garage to wash your pets and cars.
- Specify Length "xx" - Standard Length up to 14" (longer lengths available by Special Order).
- ASSE 1019A and IAMPO listed.

- Exclusive O-ing Bonnet (No Packing Nut).
- Specify "V" for Vertical Model.
- Add QT after Base Model for QuickTurn™ option, for other options, use Base Model number and add desired suffix from Legend.

Thread-on Vacuum Breakers



58ABP

59ABP

BASE MODEL	DESCRIPTION
58ABP	Vacuum Breaker 58, Hose Thread Inlet
59ABP	Self-Draining Vacuum Breaker 59, Hose Thread Inlet

- For available options, use Base Model number and add desired suffix from Legend.
- Available in Brass and Chrome.
- ASSE 1011 and IAPMO Listed.
- Breakaway Set Screw.

Drainage Connections Shower Head and Trap Adapters



600 BBNF

55CC

56CC

BASE MODEL	DESCRIPTION
600-1 BBNF	Trap Adapters 1-1/2" MIP x 1-1/2" Tube, Brass Nut, Brass Ferrule
602-1 BBNF	Trap Adapters 1-1/2" FIP x 1-1/2" Tube, Brass Nut, Brass Ferrule
603-4 DNNF	Trap Adapters 1-1/2" FIP x 1-1/4" Tube, Die-Cast Nut, Nylon Ferrule
55CC	Copper Sweat with Brass Nuts - Straight
56CC	Copper Sweat with Brass Nuts - Angle

LEGEND - Not all options available with all models

B Boxed	CHR Chrome	LP Propane Gas	QT QuickTurn™	SW Sweat Connection
BCLD Bar Code	K Kit	LS Less Key	RB Rough Brass Finish	TH Tee Handle
BFP Vacuum Breaker	LF Lead Free	OH Oval handle	SAT Satin Finish	V Vertical
BZ Bronze Handle	LK Loose Key	PB Polished Brass	SC Self-Closing	WH Wheel Handle
CC Copper Connection	LLB Log Lighter	PE Plain End	SD Self-Draining	





Copper Compression Stop Valves



700 Series

BASE MODEL	DESCRIPTION
700CC	Copper Compression Stop Valves 1/2"
702CC	Copper Compression Stop Valves 1/2" Stop & Waste
725CC	Copper Compression Stop Valves 3/4"
727CC	Copper Compression Stop Valves 3/4" Stop & Waste

– For available options, use Base Model number and add desired suffix from Legend.

Straight Stop and Angle Stop Valves



800 Series

BASE MODEL	DESCRIPTION
800	Stop Valve 1/2" FIP Straight Stop
801	Stop Valve 1/2" FIP Angle Stop
802	Stop Valve 1/2" FIP Straight Stop and Waste
825	Stop Valve 3/4" FIP Straight Stop
826	Stop Valve 3/4" FIP Angle Stop
827	Stop Valve 3/4" FIP Straight Stop and Waste

– Add SW after Base Model number for Sweat option.
– For available options, use Base Model number and add desired suffix from Legend.

Evaporative Cooler Faucets



240/245

BASE MODEL	DESCRIPTION
240	Evaporative Cooler Valve 3/4" FIP Inlet x 3/4" Hose with 1/8" Tap
245	Evaporative Cooler Valve 3/4" Hose Inlet x 3/4" Hose with 1/8" Tap

– For available options, use Base Model number and add desired suffix from Legend.

Arrowhead Meter Valves



851/871

BASE MODEL	BASE MODEL
851	Meter Valve 3/4" Flared Tube x 3/4" FIP Stop and Waste
871	Meter Valve 1" Flared Tube x 3/4" FIP Stop and Waste

– Flared angle pattern stop and waste valves.
– For available options, use Base Model number and add desired suffix from Legend.





Arrowhead Garden Valves (Arrow-Breaker® Versions Available)



925/965

930

950/975/980

960

925LK/965LK

BASE MODEL	DESCRIPTION
925	Garden Valve 1/2" or 3/4" FIP NESTED THREADS x 3/4" Hose Thread
930	Garden Valve 1" FIP x 3/4" Hose Thread
950	Garden Valve 1/2" FIP x 3/4" Hose Connection with Inverted Nose
960BCLD	ARROW-BREAKER Garden Valve 1" FIP x 3/4" Hose Thread - Bar Coded
965BCLD	ARROW-BREAKER Garden Valve 1/2" or 3/4" FIP NESTED THREADS x 3/4" Hose Thread - Bar Coded
975	Garden Valve 3/4" FIP x 3/4" Hose Connection with Inverted Nose
980	Garden Valve 1" FIP x 3/4" Hose Connection with Inverted Nose

- Nested FIP thread inlet (925 and 965).

- For available options, use Base Model number and add desired suffix from Legend.

CA and EA Series Frost-Free Yard Hydrants



CA Series



EA Series

BASE MODEL	DESCRIPTION (Specify Length- 1', 1.5' 2', 3', 4', 5', 6', 7', 8', 10')
CA7501	Medium Duty Yard Hydrant
EA7501	Economical Yard Hydrant

- Arrowhead Frost Proof Yard Hydrants gives you year-round water service, even in freezing weather. Drains below the frostline when shut off.

LEGEND - Not all options available with all models

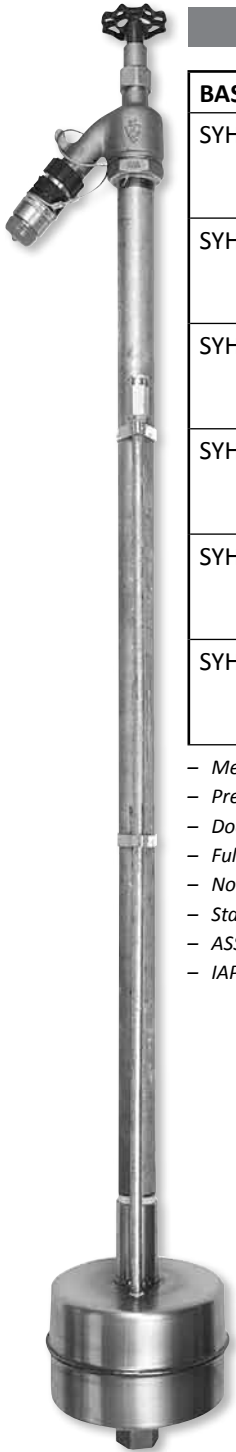
B Boxed	CHR Chrome	LP Propane Gas	QT QuickTurn™	SW Sweat Connection
BCLD Bar Code	K Kit	LS Less Key	RB Rough Brass Finish	TH Tee Handle
BFP Vacuum Breaker	LF Lead Free	OH Oval handle	SAT Satin Finish	V Vertical
BZ Bronze Handle	LK Loose Key	PB Polished Brass	SC Self-Closing	WH Wheel Handle
CC Copper Connection	LLB Log Lighter	PE Plain End	SD Self-Draining	





SYH Series Frost Free Sanitary Yard Hydrant (BFP)

SRH Series Frost Free Sanitary Roof Hydrant (BFP)



Frost Free Sanitary Yard Hydrant

BASE MODEL	DESCRIPTION
SYH7512BFP	Sanitary Yard Hydrant, 2' Bury Depth with ASSE 1052 Vacuum Breaker
SYH7513BFP	Sanitary Yard Hydrant, 3' Bury Depth with ASSE 1052 Vacuum Breaker
SYH7514BFP	Sanitary Yard Hydrant, 4' Bury Depth with ASSE 1052 Vacuum Breaker
SYH7515BFP	Sanitary Yard Hydrant, 5' Bury Depth with ASSE 1052 Vacuum Breaker
SYH7516BFP	Sanitary Yard Hydrant, 6' Bury Depth with ASSE 1052 Vacuum Breaker
SYH7517BFP	Sanitary Yard Hydrant, 7' Bury Depth with ASSE 1052 Vacuum Breaker

- Meets ASSE 1057 Sanitary Yard Hydrant standard.
- Prevents cross-contamination.
- Does not contaminate water supply.
- Fully self-contained.
- No ground preparation required.
- Stainless steel canister.
- ASSE 1052 and 1057 approved.
- IAPMO listed.



Frost Free Sanitary Roof Hydrant

BASE MODEL	DESCRIPTION
SRH7501BFP	Sanitary Roof Hydrant, 1' Drop Depth (into heated space) with ASSE 1052 Vacuum Breaker

- Hydrant does not require a drain.
- Can be located anywhere a water supply is accessible.
- Drains below the roofline into a canister when shut off.
- Self-contained and does not contaminate water supply.
- ASSE 1052 and 1057 approved.
- IAPMO listed.
- Flashing not included.





Replacement Parts

MODEL	DESCRIPTION
00	Frost Free Packing & Bonnet Kit
10	Part (Tee Handle - Green)
10B	Part (Tee Handle - Burnished)
10C	Part (Tee Handle - Chrome)
11	Part (Oval Handle - Green)
11B	Part (Oval Handle - Blue)
11R	Part (Oval Handle - Red)
11RCH	Part (Oval Handle - Rubberized Coated)
12A	Part (1/2" Compression Nut - Rough Brass)
12B	Part (3/4" Compression Nut - Rough Brass)
12C	Part (1/2" Compression Nut - Chrome)
13A	Part (1/2" Ferrule)
13B	Part (3/4" Ferrule)
1A	Part (200-300 Stem - Rough Brass)
1C	Part (200-300 Stem - Chrome)
2	Part (Bonnet - Rough Brass)
21A	Part (200-300 Loose Key Stem)
22	Part (Loose Key Lockshield)
22C	Part (Loose Key Lockshield - Chrome)
24A	Part (WMV Hose Connection)
24B	Part (WMV Plug)
24C	Part (WMV Fiber Plug Washer)
2C	Part (Bonnet - Chrome)
3	Part (Packing)
31	Part (Die Cast Nut)
32	Part (Brass Nut)
33	Part (600 Nylon Ferrule 1-1/2")
33B	Part (600 Nylon Ferrule 1-1/4")
34	Part (Brass Ferrule)
4	Part (Packing Nut - Rough Brass)
44	Part (Standard Threaded Flange Chrome Plated)
44PB	Part (Polished Brass Flange)
44PBCLD	Part (Polished Brass Flange, Bar Coded)
46	Part (Log Lighter Stem)
47	Part (Log Lighter Packing Nut)
48	Part (Log Lighter Packing)
49	Part (Log Lighter Brass Washer)
4C	Part (Packing Nut - Chrome)
5	Part (Seat Washer)
50	Part (Log Lighter Teflon Seat Washer)
51	Part (Standard Log Lighter Key)

MODEL	DESCRIPTION
51PB	Part (Polished Brass Log Lighter Key)
51PBCLD	Part (Polished Brass Log Lighter Key, Bar Coded)
52	Part (9" Log Lighter Key)
52PB	Part (9" Polished Brass Log Lighter Key)
52PBCLD	Part (9" Polished Brass Log Lighter Key, Bar Coded)
53-06	Part (Stem Extension for Log Lighter 6")
53-12	Part (Stem Extension for Log Lighter 12")
55CC	Shower Head Adapter Straight
55CCBCLD	Shower Head Adapter Straight, Bar Coded
55N	Part (55-56 Brass Nut)
56CC	Shower Head Adapter Angled
56CCBCLD	Shower Head Adapter Angled, Bar Coded
58D	Part (Vacuum Breaker Plunger Seal)
58E	Part (Vacuum Breaker Diaphragm)
58F	Part (Vacuum Breaker Brass Disc)
58G	Part (Vacuum Breaker Hose Washer)
59	Part (Vacuum Breaker Housing Gasket)
59-1	Part (Vacuum Breaker Body Component - Hose Outlet)
59-2	Part (Vacuum Breaker Body Component - Center)
59-3	Part (Vacuum Breaker Body Component - Inlet Non-Hose Thread)
59E	Part (Vacuum Breaker Drain Diaphragm)
59G	Part (Vacuum Breaker Body Seal Washer)
59RVB	Part (Lower Half of 59ABP)
59RVBCLD	Part (Lower Half of 59ABP, Bar Coded)
6	Part (Stainless Seat Washer Screw 8/32")
61	Part (700-800 Bonnet)
610-3A SP	Part (420 Series - 6" Complete Stem Assembly: OLD STYLE 1/4" longer)
610-3B SP	Part (420 Series - 8" Complete Stem Assembly: OLD STYLE 1/4" longer)
61C	Part (Frost Free Bonnet)
62	Part (700-800 Nylon Washer)
7	Part (Nylon Bonnet Washer)
74G	Part (Green Vacuum Breaker Vent Cap)
75B	Part (Celcon Vacuum Breaker Underbody)
76B	Part (Vacuum Breaker Plunger)
77B	Part (Plunger O-Ring)
78B	Part (Complete Vacuum Breaker Assembly)



Replacement Parts

MODEL	DESCRIPTION
79	Part (Gap Spacer)
8	Part (Self Tapping SS Screw for Handle 10"x5/8")
80	Part (700-800 Flare Nut 1")
81A	Part (700-800 Stem)
81B	Part (700-800 Stem)
82	Part (700-800 Bonnet)
83	Part (700-800 Bleeder Cap)
84	Part (700-800 Bleeder Cap Fiber Disc)
85	Part (700-800 Flare Nut 3/4")
85A	Part (700-800 Seat Washer)
85B	Part (700-800 Seat Washer)
87	Part (700-800 Nylon Washer)
9	Part (Wheel Handle, Green)
91	Part (900 Stem)
95	Part (900 Seat Washer)
LK	Part (Loose Key - Standard)
PK1100	O-Ring Seal One-Piece Bonnet Stem Assembly for Standard, No-Kinks, Boilers and Sillcocks
PK1110	O-Ring Seal One-Piece Bonnet Stem Assembly for Standard, No-Kinks, Boilers and Sillcocks, Nickel Plated
PK1120	Stem Assembly & Packing Nut for Compression Stops
PK1130	Stem Assembly & Packing Nut for Garden Valves
PK1150	Loose Key O-Ring Seal One-Piece Bonnet Stem Assembly-Standard, No-Kinks, Boilers and Sillcocks
PK1155	Loose Key O-Ring Seal One-Piece Bonnet Stem Assembly-Standard, No-Kinks, Boilers and Sillcocks, Nickel Plated
PK1170	1/2" Copper Compression Kit, Nickel Plated
PK1180	1/2" Copper Compression Kit
PK1190	3/4" Copper Compression Kit
PK1200	Plug & Hose Connection Kit for #248 Washing Machine Valve
PK1210	Bleeder Cap & Fiber Disk for Compression Stops
PK1220	Base Nut & Washer for 1/2" Garden Valve
PK1230	Base Nut & Washer for 3/4" Garden Valve
PK1240	Base Nut & Washer for 1" Garden Valve
PK1250	Green Wheel Handle & Screw
PK1260	Burnished T-Handle & Screw

MODEL	DESCRIPTION
PK1270	Green T-Handle & Screw
PK1280	Chrome T-Handle & Screw
PK1290	Green Oval Handle & Screw
PK1295	Green Rubberized Coated Oval Handle & Screw
PK1300	Loose Key Handle for all Arrowhead Loose Key Valves
PK1320	Flange & Key 2-1/4" for Log Lighter Valve, Chrome
PK1330	Flange & Key 2-1/4" for Log Lighter Valve, Polished Brass
PK1340	Log Lighter Key 2-1/4", Polished Brass
PK1345	Standard Log Lighter Key 2-1/4", Chrome
PK1350	Log Lighter Key 9", Polished Brass
PK1360	Replacement Vacuum Breaker 58BFP for Models with BFP after Part Number
PK1370	Replacement Vacuum Breaker 58BFPCHR for Models with BFPCHR after Part Number, Nickel Plated
PK1380	Replacement Self-Draining Vacuum Breaker for Models with BFPD after Part Number
PK1390	Replacement Self-Draining Vacuum Breaker for Models with BFPD in Part Number & 480 Series, Nickel Plated
PK1430	Green Capped Air Vent Complete Assembly for 420 Series & 450BFP Series
PK1440	Complete Drain Assembly for 450BFP Series
PK1450	Replacement Grey Gap Spacer for all Frost-Free Hydrants
PK1600	Arrow-Breaker Complete Stem Assembly for Arrow-Breaker No-Kinks and Sillcocks
PK2004	4" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series
PK2004LK	4" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series, Loose Key
PK2006	6" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series
PK2006LK	6" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series, Loose Key
PK2008	8" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series
PK2008LK	8" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series, Loose Key
PK2010	10" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series
PK2010LK	10" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series, Loose Key



Replacement Parts

MODEL	DESCRIPTION
PK2012	12" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series
PK2012LK	12" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series, Loose Key
PK2014	14" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series
PK2014LK	14" O-Ring Seal One-Piece Bonnet Stem Assembly for 420 Series, Loose Key
PK2016	Springless Check Assembly for 420 Series Stem
PK5004	Apache 4" O-Ring Seal One-Piece Bonnet Stem Assembly for 450BFP Series
PK5006	Apache 6" O-Ring Seal One-Piece Bonnet Stem Assembly for 450BFP Series
PK5008	Apache 8" O-Ring Seal One-Piece Bonnet Stem Assembly for 450BFP Series
PK5010	Apache 10" O-Ring Seal One-Piece Bonnet Stem Assembly for 450BFP Series
PK5012	Apache 12" O-Ring Seal One-Piece Bonnet Stem Assembly for 450BFP Series
PK5014	Apache 14" O-Ring Seal One-Piece Bonnet Stem Assembly for 450BFP Series
PK6004	Arrow-Breaker Frost-Free Stem Assembly 4" for 460 Series
PK6006	Arrow-Breaker Frost-Free Stem Assembly 6" for 460 Series
PK6008	Arrow-Breaker Frost-Free Stem Assembly 8" for 460 Series
PK6010	Arrow-Breaker Frost-Free Stem Assembly 10" for 460 Series
PK6012	Arrow-Breaker Frost-Free Stem Assembly 12" for 460 Series

MODEL	DESCRIPTION
PK6014	Arrow-Breaker Frost-Free Stem Assembly 14" for 460 Series
PK6026	Arrow-Breaker Springless Check Assembly for 460 Series
PK8004	4" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series
PK8004LK	4" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series, Loose Key
PK8006	6" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series
PK8006LK	6" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series, Loose Key
PK8008	8" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series
PK8008LK	8" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series, Loose Key
PK8010	10" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series
PK8010LK	10" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series, Loose Key
PK8012	12" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series
PK8012LK	12" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series, Loose Key
PK8014	14" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series
PK8014LK	14" O-Ring Seal One-Piece Bonnet Stem Assembly for 480 Series, Loose Key
PK-HBL	Hose Bibb Lock
PK-QTASSY	<i>QuickTurn™</i> Stem Assembly for all QT Series Hose Bibbs

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Terms & Conditions

Terms	Net 30 days after invoice date. All invoices mature from invoice date, not from receipt of invoice or material.
F.O.B.	All sales are F.O.B. factory. Will-Calls not picked up after 5 days from notification will be shipped by common carrier under normal freight terms.
Freight	Prepaid to one location within the continental United States (or 48 contiguous states) on Net invoice over \$1,000. All other shipments are shipped freight collect.
Minimum Order	Minimum order amount is \$50.00.
Credit	Credit and eligibility for distributor prices must be established prior to initial order. Shipments will be held on accounts with unsatisfactory payment status. Past due accounts are subject to a monthly service charge.
Prices	Subject to change without notice.
Shortage	Factory must be notified within 5 days from receipt of goods or shipment will be considered complete. No debit memos will be accepted until the factory determines final disposition.
Product Design	Manufacturer reserves the right to redesign, alter, or modify its product without incurring liability for customer inventory and future repair problems.
Defective Returns	Written Return Goods Authorization (RGA) must be obtained prior to returning any defective material freight prepaid, with proof of purchase or invoice number. Freight will be credited on warranty items only. Parts returned without proof of purchase will be credited at Company's discretion.
Overstock	Written factory authorization must be obtained prior to any returns. 30% restocking charge will be deducted from returned goods. All products are subject to inspection and if not salable, will be discarded or returned at customers request and cost.

LIMITED WARRANTY

Arrowhead Brass & Plumbing, hereinafter called "Company", warrants that parts and products manufactured by it shall be free from defects in material and workmanship, under normal use and service, for a period of three years from the date of purchase by the original buyer. This three year period shall be know as the "warranty period". Company will replace or repair parts or refund the purchase price, at Company's discretion, products found to be defective during the warranty period. ***Company's liability is solely limited to original purchase price of the parts or products and no payment will be made for consequential or incidental costs or damages that may have been caused by part or product failure.***

Buyer's remedies are limited to return of the products and either repayment of the original purchase price or repair and/or replacement of nonconforming parts or products. Products alleged to be defective must be returned to Company in a timely manner for inspection before any remedy may be applied. The decision on how to remedy parts or products found to be defective will be made at the sole discretion of Company.

Company does not assume liability for any defective products not manufactured or supplied by them even though such products may be used in conjunction with its own products. Company assumes no liability for damages sustained in the adoption or use of its engineering data. Company reserves the right to redesign, alter or otherwise modify its products without incurring liability for obsolete part or product inventory. No agent or representative of the Company has the authority to waive or alter this printed warranty or to make any representation or warranty not contained herein. There are no warranties which extend beyond the discretion on the face hereof. There are no warranties, express or implied, of the merchantability or fitness for a particular purpose, except as expressly described on the face hereof.

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Arrowhead Brass & Plumbing (ABP) consists of two of the best known brand names in plumbing and irrigation. ABP consists of Champion Irrigation, founded in 1936 and Arrowhead Brass Products, founded in 1937. ABP has nearly 150 years of experience and brand recognition making it one of the last US manufacturers of innovative and high quality brass products for the plumbing and irrigation industries. Arrowhead Brass & Plumbing is the first company to manufacture all its valves with o-ring bonnet seals (no more packing nuts) and ABP is the exclusive home of the Arrow-Breaker,[®]a patented technology which is available in all connections and sizes for hose bibbs and Frost-Free hydrants.

Champion Irrigation[®] has grown to become one of the best known and most respected brands in the irrigation industry. Homeowners and contractors around the world install Champion brand sprinklers, valves, and related irrigation products with confidence. A complete selection of the company's products can be seen at www.arrowheadbrass.com and www.championirrigation.com.



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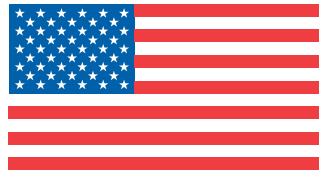
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Our foundry, located in Los Angeles, California, has been in operation since 1936.



MADE IN USA

