

IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761 • Phone (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org



CERTIFICATE OF LISTING

LEAD FREE

IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and/or warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Issued To:

ARROWHEAD BRASS AND PLUMBING

5147 ALHAMBRA AVENUE LOS ANGELES, CA 90032 , United States

Product:

Lead Free Plumbing Products

Products are in compliance with the following standard(s)
Section 1417(d) of the Federal Safe Drinking Water Act, and
The lead content requirements of Section 116875 of the
California Health & Safety Code
NSF/ANSI/CAN 372-2022

File Number: 9599

Effective Date: December 2019

Void After: December 2024*


Chairman, Product Certification Committee




Chief Technical Service Officer

*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

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Effective Date: December 2019

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Product: Lead Free Plumbing Products

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Identification:

Each product shall bear permanent and legible markings to identify the manufacturer. This marking shall be the trade name, trademark, or other mark known to identify the manufacturer. The product shall bear the appropriate IAPMO R&T certification mark. The product may also bear either "Lead Free" or "Low Lead" above or in close proximity to the IAPMO R&T certification mark.

Characteristics:

Products may include any pipe, pipe fitting, solder, flux, or other plumbing products providing water for human consumption.

Products listed below are to be installed in accordance with the manufacturer's instruction. These products have been verified with weighted average lead content $\leq 0.25\%$; Solder and flux lead content $\leq 0.2\%$.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

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Models

Hose Bib, Garden Valve & Sillcock Models

Model Number	Description
201*LF	½" MPT Standard Hose Bib Shank-on-Threads, Lead Free
202*LF	¾" MPT Standard Hose Bib Shank-on-Threads, Lead Free
301*LF	½" MPT Standard Hose Bib, Lead Free
302*LF	¾" MPT Standard Hose Bib, Lead Free
251*LF	½" MPT No-Kink Hose Bib, Lead Free
252*LF	½" Copper Sweat No-Kink Hose Bib, Lead Free
253*LF	½" FPT No-Kink Hose Bib, Lead Free
254CC*LF	½" Copper Compression No-Kink Hose Bib, Lead Free
351*LF	¾" MPT No-Kink Hose Bib, Lead Free
353*LF	¾" FPT No-Kink Hose Bib, Lead Free
255*LF	½" FPT Solid Flange Sillcock, Lead Free
355*LF	¾" FPT Solid Flange Sillcock, Lead Free
925*LF	½" & ¾" FPT Garden Valve, Lead Free
975*LF	½" & ¾" FPT Garden Valve, Inverted Nose, Lead Free
930*LF	1" FPT Garden Valve, Lead Free
980*LF	1" FPT Garden Valve, Inverted Nose, Lead Free
*	equals:
BFP	Anti-Siphon Vacuum Breaker
BFPSD	Self-Draining Anti-Siphon Vacuum Breaker
BV	Ball Valve Style
CHR	Polished Chrome Finish
LK	Loose Key Lock Shield
LS	Lock Shield
PE	Plain End- No Outlet Threads
PEX	1/2" PEX Adapter

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*	equals:
QT	Quick-Turn
SAT	Satin Nickel Plated Finish
SC	Self-Closing
TH	Tee Handle
WH	Wheel Handle

Arrow-Breaker Anti-Siphon Hose Bib, Garden Valve & Sillcock Models

Model Number	Description
261*LF	1/2" MPT Hose Bib, Lead Free
262*LF	1/2" Copper Sweat Hose Bib, Lead Free
263*LF	1/2" FPT Hose Bib, Lead Free
264CC*LF	1/2" Copper Compression Hose Bib, Lead Free
361*LF	3/4" MPT Hose Bib, Lead Free
363*LF	1/2" FPT Hose Bib, Lead Free
265*LF	1/2" FPT Sillcock, Lead Free
269*LF	1/2" PEX Sillcock, Lead Free
365*LF	1/2" FPT Sillcock, Lead Free
965*LF	1/2" & 3/4" FPT Garden Valve, Lead Free

*	equals:
CHR	Polished Chrome Finish
LK	Loose Key Lock Shield
LS	Lock Shield
SAT	Satin Nickel Plated Finish
TH	Tee Handle
WH	Wheel Handle

Boiler Drain & Washing Machine Valve Models

Model Number	Description
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Model Number	Description
220*LF	3/4" FPT Boiler Drain Lead Free
221*LF	1/2" MPT Boiler Drain Lead Free
222*LF	1/2" FPT Boiler Drain Lead Free
223*LF	3/4" MPT Boiler Drain Lead Free
225*LF	1/2" MPT Boiler Drain, Inverted Nose, Lead Free
240LF	3/4" FPT Evaporative Cooler Valve, 1/8" Tap, Lead Free
245LF	3/4" FHT Evaporative Cooler Valve, 1/8" Tap Lead Free
221CC*LF	1/2" Copper Compression Washing Machine Valve, Lead Free
247LF	1/2" FPT Washing Machine Valve, Lead Free
248LF	1/2" FPT x 1/2" MPT Reversible 3/4" MHT Bypass Washing Machine Valve, Lead Free
249LF	1/2" FPT Front Handle Washing Machine Valve, Lead Free
250LF	1/2" FPT x 1/2" MPT, 3/4" MHT Bypass Washing Machine Valve, Lead Free
*	equals:
BFP	Anti-Siphon Vacuum Breaker
CHR	Polished Chrome Finish
LK	Loose Key Lock Shield
LS	Lock Shield
QT	Quick-Turn
RB	Rough Brass Finish
SAT	Satin Nickel Plated Finish
TH	Tee Handle
WH	Wheel Handle

Commercial Loose Key Anti-Siphon Sillcock Models

Model Number	Description
25*LF	1/2" FPT Commercial Sillcock, Lead Free
25SW*LF	1/2" Copper Sweat Commercial Sillcock, Lead Free
28*LF	1/2" FPT Commercial Self-Draining Sillcock, Lead Free

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Model Number	Description
28SW*LF	1/2" Copper Sweat Commercial Self-Draining Sillcock, Lead Free
35*LF	3/4" FPT Commercial Sillcock, Lead Free
35SWLF	3/4" Copper Sweat Commercial Sillcock, Lead Free
38*LF	3/4" FPT Commercial Self-Draining Sillcock, Lead Free
38SW*LF	3/4" Copper Sweat Commercial Self-Draining Sillcock, Lead Free
*	equals:
C	Polished Chrome Finish
P	Satin Nickel Plated Finish

Hose Vacuum Breakers Models

Model Number	Description
58ABP	Hose Vacuum Breaker 3/4" FHT
58ABPCHR	Hose Vacuum Breaker 3/4" FHT - Chrome
PK1360	Hose Vacuum Breaker Fine Thread
PK1370	Hose Vacuum Breaker Fine Thread- Chrome
PK1380	Self-Draining Vacuum Breaker Fine Thread
PK1390	Self-Draining Vacuum Breaker Fine Thread - Chrome
PK1395	Self-Draining Vacuum Breaker 3/4" FHT - Chrome
PK1400	Self-Draining Vacuum Breaker 3/4" FHT

Frost-Proof Wall Hydrant Wall Hydrant Models

Model Number	Description
421-xx*LF	3/4" Uponor Anti-Siphon Frost-Proof Wall Hydrant, Lead Free
422-xx*LF	1/2" Uponor Anti-Siphon Frost-Proof Wall Hydrant, Lead Free
425-xx*LF	1/2" FPT & 3/4" MPT Anti-Siphon Frost-Proof Wall Hydrant, Lead Free
426-xx*LF	1/2" MPT & Copper Sweat Anti-Siphon Frost-Proof Wall Hydrant, Lead Free
427-xx*LF	3/4" PEX Anti-Siphon Frost-Proof Wall Hydrant, Lead Free

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Model Number	Description
428-xx*LF	3/4" MPT & Copper Sweat Anti-Siphon Frost-Proof Wall Hydrant, Lead Free
429-xx*LF	1/2" PEX Anti-Siphon Frost-Proof Wall Hydrant, Lead Free
451-xx*LF	3/4" Uponor Standard Frost-Proof Wall Hydrant, Lead Free
452-xx*LF	1/2" Uponor Standard Frost-Proof Wall Hydrant, Lead Free
455-xx*LF	1/2" FPT & 3/4" MPT Standard Frost-Proof Wall Hydrant, Lead Free
456-xx*LF	1/2" MPT & Copper Sweat Standard Frost-Proof Wall Hydrant, Lead Free
457-xx*LF	3/4" PEX Standard Frost-Proof Wall Hydrant, Lead Free
458-xx*LF	3/4" MPT & Copper Sweat Standard Frost-Proof Wall Hydrant, Lead Free
459-xx*LF	1/2" PEX Standard Frost-Proof Wall Hydrant, Lead Free
461-xx*LF	3/4" Uponor Arrow-Breaker Frost-Proof Wall Hydrant, Lead Free
462-xx*LF	1/2" Uponor Arrow-Breaker Frost-Proof Wall Hydrant, Lead Free
465-xx*LF	1/2" FPT & 3/4" MPT Arrow-Breaker Frost-Proof Wall Hydrant, Lead Free
466-xx*LF	1/2" MPT & Copper Sweat Arrow-Breaker Frost-Proof Wall Hydrant, Lead Free
467-xx*LF	3/4" PEX Arrow-Breaker Frost-Proof Wall Hydrant, Lead Free
468-xx*LF	3/4" MPT & Copper Sweat Arrow-Breaker Frost-Proof Wall Hydrant, Lead Free
469-xx*LF	1/2" PEX Arrow-Breaker Frost-Proof Wall Hydrant, Lead Free
471-xx*LF	3/4" Uponor Freeze-Proof Wall Hydrant, Lead Free
472-xx*LF	1/2" Uponor Freeze-Proof Wall Hydrant, Lead Free
474-xx*LF	1/2" Push-Fit Freeze-Proof Wall Hydrant, Lead Free
475-xx*LF	1/2" FPT & 3/4" MPT Freeze-Proof Wall Hydrant, Lead Free
476-xx*LF	1/2" MPT & Copper Sweat Freeze-Proof Wall Hydrant, Lead Free
477-xx*LF	3/4" PEX Freeze-Proof Wall Hydrant, Lead Free
478-xx*LF	3/4" MPT & Copper Sweat Freeze-Proof Wall Hydrant, Lead Free
479-xx*LF	1/2" PEX Freeze-Proof Wall Hydrant, Lead Free
481-xx*LF	3/4" Uponor Self-Draining Anti-Siphon, Lead Free
482-xx*LF	1/2" Uponor Self-Draining Anti-Siphon, Lead Free
485-xx*LF	1/2" FPT & 3/4" MPT Self-Draining Anti-Siphon, Lead Free
486-xx*LF	1/2" MPT & Copper Sweat Self-Draining Anti-Siphon, Lead Free
487-xx*LF	3/4" PEX Self-Draining Anti-Siphon, Lead Free

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Model Number	Description
488-xx*LF	3/4" MPT & Copper Sweat Self-Draining Anti-Siphon, Lead Free
489-xx*LF	1/2" PEX Self-Draining Anti-Siphon, Lead Free
491-xx*LF	3/4" Uponor Hot & Cold Frost-Proof Wall Hydrant, Lead Free
492-xx*LF	1/2" Uponor Hot & Cold Frost-Proof Wall Hydrant, Lead Free
495-xx*LF	1/2" FPT & 3/4" MPT Hot & Cold Frost-Proof Wall Hydrant, Lead Free
496-xx*LF	1/2" MPT & Copper Sweat Hot & Cold Frost-Proof Wall Hydrant, Lead Free
497-xx*LF	3/4" PEX Hot & Cold Frost-Proof Wall Hydrant, Lead Free
498-xx*LF	3/4" MPT & Copper Sweat Hot & Cold Frost-Proof Wall Hydrant, Lead Free
499-xx*LF	1/2" PEX Hot & Cold Frost-Proof Wall Hydrant, Lead Free
491-xxV*LF	3/4" Uponor Vertical Hot & Cold Frost-Proof Wall Hydrant, Lead Free
492-xxV*LF	1/2" Uponor Vertical Hot & Cold Frost-Proof Wall Hydrant, Lead Free
495-xxV*LF	1/2" FPT & 3/4" MPT Vertical Hot & Cold Frost-Proof Wall Hydrant, Lead Free
496-xxV*LF	1/2" MPT & Copper Sweat Vertical Hot & Cold Frost-Proof Wall Hydrant, Lead Free
497-xxV*LF	3/4" PEX Vertical Hot & Cold Frost-Proof Wall Hydrant, Lead Free
498-xxV*LF	3/4" MPT & Copper Sweat Vertical Hot & Cold Frost-Proof Wall Hydrant, Lead Free
499-xxV*LF	1/2" PEX Vertical Hot & Cold Frost-Proof Wall Hydrant, Lead Free
Where "xx"	equals:
02	2" Length
04	4" Length
06	6" Length
08	8" Length
10	10" Length
12	12" Length
14	14" Length
Where *	equals:
LK	Loose Key
QT	QuickTurn

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Certificate of Compliance

Certificate: 80100903

Master Contract: 302420

Project: 80100903

Date Issued: 2022-11-17

Issued To: Arrowhead Brass & Plumbing, LLC
5147 Alhambra Ave
Los Angeles, California, 90032-3413
United States

Attention: Will Schneider

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Issued by: David Schmidt
David Schmidt



PRODUCTS

CLASS 6801 03 – PLUMBING SUPPLY FITTINGS- Laundry, Lawn and Sediment Faucets

CLASS 6801 83 – PLUMBING SUPPLY FITTINGS- Laundry, Lawn and Sediment Faucets- Certified to US Standards

Hose Bib, Garden Valve & Sillcock Models:

201*LF, 202*LF, 301*LF, 302*LF, 251*LF, 252*LF, 253*LF, 254CC*LF, 351*LF, 353*LF, 255*LF, 355*LF, 925*LF, 975*LF, 930*LF, 980*LF

Arrow-Breaker Anti-Siphon Hose Bib, Garden Valve & Sillcock Models:

261*LF, 262*LF, 263*LF, 264CC*LF, 361*LF, 363*LF, 265*LF, 269*LF, 365*LF, 965*LF

Ball Valve Hose Bib Models:

251BVLF, 252BVLF, 253BVLF, 351BVLF, 353BVLF, 255BVLF, 355BVLF



Certificate: 80100903
Project: 80100903

Master Contract: 302420
Date Issued: 2022-11-17

Boiler Drain & Washing Machine Valve Models:

220LF, 221LF, 221SATLF, 221CCRBLF, 222LF, 223LF, 225LF, 240LF, 245LF, 221CCLF, 247LF, 248LF, 249LF, 250LF

Commercial Loose Key Anti-Siphon Sillcock Models:

25*LF, 25SW*LF, 28*LF, 28SW*LF, 35*LF, 35SWLF, 38*LF, 38SW*LF

Hose Vacuum Breakers Models:

58ABP, 58ABPCHR, PK1360, PK1370, PK1380, PK1390, PK1395, PK1400

Frost-Proof Wall Hydrant Models:

421-xxQTLF, 422-xxQTLF, 424-xxQTLF, 425-xxQTLF, 426-xxQTLF, 427-xxQTLF, 428-xxQTLF, 429-xxQTLF, 451-xxLF, 452-xxLF, 454-xxLF, 455-xxLF, 456-xxLF, 457-xxLF, 458-xxLF, 459-xxLF, 461-xxQTLF, 462-xxQTLF, 465-xxQTLF, 466-xxQTLF, 467-xxQTLF, 468-xxQTLF, 469-xxQTLF, 481-xxLF, 482-xxLF, 485-xxLF, 486-xxLF, 487-xxLF, 488-xxLF, 489-xxLF, 601-xxLF, 602-xxLF, 604-xxLF, 605-xxLF, 606-xxLF, 607-xxLF, 608-xxLF, 609-xxLF

Suffix code –

Where * equals:

BFP	Anti-Siphon Vacuum Breaker
BFPSD	Self-Draining Anti-Siphon Vacuum Breaker
BV	Ball Valve Style
C	Polished Chrome Finish
CHR	Polished Chrome Finish
LK	Loose Key Lock Shield
LS	Lock Shield
P	Satin Nickel Plated Finish
PE	Plain End- No Outlet Threads
PEX	½" PEX Adapter
QT	Quick-Turn
SAT	Satin Nickel Plated Finish
SC	Self-Closing
TH	Tee Handle
WH	Wheel Handle

Where "xx" equals:

02	2" Length
04	4" Length
06	6" Length
08	8" Length
10	10" Length
12	12" Length



Certificate: 80100903
Project: 80100903

Master Contract: 302420
Date Issued: 2022-11-17

14 14" Length

APPLICABLE REQUIREMENTS

ASME A112.18.1-2018/CSA B125.1-18 – Plumbing Supply Fittings

Notes:

Products certified under Class C680103, C680183 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca and American National Standards Institute (ANSI). www.ansi.org





Supplement to Certificate of Compliance

Certificate: 80100903

Master Contract: 302420

*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80100903	2022-11-17	Original certification of wall hydrants to ASME A112.18.1-2018/CSA B125.1-18.