

IAPMO RESEARCH AND TESTING, INC.

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CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects 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 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.

The most updated information on this Certificate of Listing is available online at pld.iapmo.org

Product: Drinking Water System Components - Health Effects File No. W-9330

Issued To: MILWAUKEE VALVE CO.
16550 W. STRATTON DRIVE
NEW BERLIN, WI 53151

Identification: Each product shall be permanently and legibly marked with the manufacturer's name or trademark. The product may also be marked with the standard designation "NSF/ANSI 61".

Listed products shall also bear the IAPMO R&T mark

Characteristics: Materials or products that come into contact with drinking water and/or drinking water treatment chemicals. Products and materials may include process media, protective materials, joining and sealing materials, pipes and related products, mechanical devices used with treatment/transmission/distribution systems, and mechanical plumbing devices. To be installed in accordance with the manufacturer's instruction. Lead free requirements are addressed under a separate certificate of listing.

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.

Products are in compliance with the following standard(s):

NSF/ANSI 61-2017

<u>Brand Name</u>	<u>Model Number</u>	<u>Description</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	4151-X-2741 ²	Fittings	Bronze	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP105-X ¹	Bronze Gate Valve	Bronze	1/4" - 2"	Cold (23°C)
Milwaukee Valve	UP115-X ¹	Bronze Gate Valve	Bronze	3/8" - 2"	Cold (23°C)
Milwaukee Valve	UP148-X ¹	Bronze Gate Valve	Bronze	1/4" - 2"	Cold (23°C)
Milwaukee Valve	UP149-X ¹	Bronze Gate Valve	Bronze	3/8" - 2"	Cold (23°C)
Milwaukee Valve	UP1502-X ¹	Bronze Globe Valve	Bronze	3/8" - 2"	Cold (23°C)

Milwaukee Valve	UP1509-X ¹	Bronze Swing Check	Bronze	3/8" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP1548T-X ¹	Bronze Spring Check Valve	Bronze	3/8" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP502-X ¹	Bronze Globe Valve	Bronze	1/8" - 2"	Cold (23°C)
Milwaukee Valve	UP509-X ¹	Bronze Swing Check	Bronze	1/4" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP548T-X ¹	Bronze Spring Check Valve	Bronze	3/8" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP667-X ¹	Brass Gate	Brass	1/4" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP668-X ¹	Brass Gate	Brass	1/4" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP967-X ¹	Brass Swing Check	Brass	3/8" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP968-X ¹	Brass Swing Check	Brass	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP969-X ¹	Brass Swing Check	Brass	1/4" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-480-X ¹	Ultra Press Ball Valve	Various	2 1/2" - 3"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-475B-X ¹	Ultra Pure Ball Valve NPT	Various	1/4" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-475BLL-X ¹	Ultra Pure Ball Valve NPT End Locking Lever	Various	1/4" - 3"	Cold (23°C)
Milwaukee Valve	PM01LF-X ¹	Ultra Pure Ball Valve NPT	Various	1/4" - 2"	Cold (23°C)
Milwaukee Valve	118-2-X ¹	Ultra Pure Ball Valve NPT	Various	1/2" - 1"	Cold (23°C)
Milwaukee Valve	UPBA-485B-X ¹	Ultra Pure Ball Valve- Solder End	Various	1/2" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-485BLL-X ¹	Ultra Pure Ball Valve- Solder End Locking Lever	Various	1/2" - 2"	Cold (23°C)
Milwaukee Valve	PM11LF-X ¹	Ultra Pure Ball Valve- Solder End	Various	1/2" - 2"	Cold (23°C)
Milwaukee Valve	118-4-X ¹	Ultra Pure Ball Valve- Solder End	Various	1/2" - 3/4"	Cold (23°C)
Milwaukee Valve	UPBA-480B-X ¹	Full Port Press End Ball Valve	Various	1/2" - 4"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-481B-X ¹	Full Port Press End Ball Valve Extension Handle	Various	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-490B-X ¹	Full Port NPT X Press End Ball Valve	Various	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-491B-X ¹	Full Port NPT X Press End Ball Valve Extension Handle	Various	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-480BH-X ¹	Full Port Press End X Hose End Ball Valve	Various	1/2" - 3/4"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-481BH-X ¹	Full Port Press End X Hose End Ball Valve Extension Handle	Various	1/2" - 3/4"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-480S-X ¹	Full Port Press End Ball Valve Stainless Steel Trim	Various	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-480SLL-X ¹	Full Port Press End Ball Valve Stainless Steel Trim Locking Lever Handle	Various	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-481S-X ¹	Full Port Press End Ball Valve Stainless	Various	1/2" - 2"	Commercial Hot (82°C)

		Steel Trim Extension Handle			
Milwaukee Valve	UPBA-490S-X ¹	Full Port NPT X Press End Ball Valve Stainless Steel Trim	Various	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-491S-X ¹	Full Port NPT X Press End Ball Valve Stainless Steel Trim Extension Handle	Various	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-480SH-X ¹	Full Port Press End X Hose End Ball Valve Stainless Steel Trim	Various	1/2" - 3/4"	Commercial Hot (82°C)
Milwaukee Valve	UPBA-100 ¹	Bronze standard port NPT end ball valve	Bronze	1/4" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-100S ¹	Bronze standard port NPT end ball valve stainless steel trim	Bronze	1/4" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-100H ¹	Bronze full port NPT X hose end ball valve	Bronze	1/2" - 3/4"	Cold (23°C)
Milwaukee Valve	UPBA-400 ¹	Bronze full port NPT end ball valve	Bronze	1/4" - 2"	Cold (23°C)
Milwaukee Valve	UPBA-400S ¹	Bronze full port NPT end ball valve stainless trim	Bronze	1/4" - 2"	Cold (23°C)
Milwaukee Valve	UPBA-150 ¹	Bronze standard port solder end ball valve	Bronze	3/8" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-150S ¹	Bronze standard port solder end ball valve stainless trim	Bronze	3/8" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-150H ¹	Bronze full port solder X hose end ball valve	Bronze	1/2" - 3/4"	Cold (23°C)
Milwaukee Valve	UPBA-450 ¹	Bronze full port solder end ball valve	Bronze	1/2" - 2"	Cold (23°C)
Milwaukee Valve	UPBA-450S ¹	Bronze full port solder end ball valve stainless trim	Bronze	1/2" - 2"	Cold (23°C)
Milwaukee Valve	UPBA-300 ¹	Three Piece Bronze Full Port NPT Ball Valve	Bronze	1/4" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-300S ¹	Three Piece Bronze Full Port NPT Ball Valve Stainless Steel Trim	Bronze	1/4" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-350 ¹	Three Piece Bronze Full Port Solder End Ball Valve	Bronze	3/8" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-350S ¹	Three Piece Bronze Full Port Solder End Ball Valve Stainless Steel Trim	Bronze	3/8" - 3"	Cold (23°C)
Milwaukee Valve	ML*33E ³	Butterfly Valve	Bronze/Iron	2"-24"	Cold (23°C)
Milwaukee Valve	CL*23E ³	Butterfly Valve	Bronze/Iron	2"-24"	Cold (23°C)
Hammond Valve	6411 X ⁴ X ⁵	Butterfly Valve	Bronze/Iron	2"-24"	Cold (23°C)
Hammond Valve	5211 X ⁴ X ⁶	Butterfly Valve	Bronze/Iron	2"-24"	Cold (23°C)
Hammond Valve	4151-X-2741 ²	Fittings	Bronze	1/2" - 2"	Commercial Hot (82°C)
Hammond Valve	UP418-X ¹	Bronze Globe Valve	Bronze	3/8" - 2"	Cold (23°C)
Hammond Valve	UP440-X ¹	Bronze Globe Valve	Bronze	1/8" - 2"	Cold (23°C)
Hammond Valve	UP635-X ¹	Bronze Gate Valve	Bronze	3/8" - 2"	Cold (23°C)
Hammond	UP640-X ¹	Bronze Gate Valve	Bronze	1/4" - 2"	Cold (23°C)

Valve					
Hammond Valve	UP645-X ¹	Bronze Gate Valve	Bronze	1/4" - 2"	Cold (23°C)
Hammond Valve	UP647-X ¹	Bronze Gate Valve	Bronze	3/8" - 2"	Cold (23°C)
Hammond Valve	UP667-X ¹	Brass Gate	Brass	1/4" - 2"	Commercial Hot (82°C)
Hammond Valve	UP668-X ¹	Brass Gate	Brass	1/4" - 2"	Commercial Hot (82°C)
Hammond Valve	UP904-X ¹	Bronze Swing Check	Bronze	1/4" - 2"	Commercial Hot (82°C)
Hammond Valve	UP912-X ¹	Bronze Swing Check	Bronze	3/8" - 2"	Commercial Hot (82°C)
Hammond Valve	UP943-X ¹	Bronze Spring Check Valve	Bronze	3/8" - 2"	Commercial Hot (82°C)
Hammond Valve	UP947-X ¹	Bronze Spring Check Valve	Bronze	3/8" - 2"	Commercial Hot (82°C)
Hammond Valve	UP967-X ¹	Brass Swing Check	Brass	3/8" - 2"	Commercial Hot (82°C)
Hammond Valve	UP968-X ¹	Brass Swing Check	Brass	1/2" - 2"	Commercial Hot (82°C)
Hammond Valve	UP969-X ¹	Brass Swing Check	Brass	1/4" - 2"	Commercial Hot (82°C)
Hammond Valve	UP8901-X ¹	Ultra Pure Ball Valve NPT	Various	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8901-07-X ¹	Ultra Pure Ball Valve NPT End Locking Lever	Various	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8911-X ¹	Ultra Pure Ball Valve- Solder End	Various	1/2" - 3"	Cold (23°C)
Hammond Valve	UP8911-07-X ¹	Ultra Pure Ball Valve- Solder End Locking Lever	Various	1/2" - 2"	Cold (23°C)
Hammond Valve	UP8501 ¹	Bronze standard port NPT end ball valve	Bronze	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8503 ¹	Bronze standard port NPT end ball valve stainless steel trim	Bronze	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8501H ¹	Bronze full port NPT X hose end ball valve	Bronze	1/2" - 3/4"	Cold (23°C)
Hammond Valve	UP8301A ¹	Bronze full port NPT end ball valve	Bronze	1/4" - 2"	Cold (23°C)
Hammond Valve	UP8303A ¹	Bronze full port NPT end ball valve stainless trim	Bronze	1/4" - 2"	Cold (23°C)
Hammond Valve	UP8511 ¹	Bronze standard port solder end ball valve	Bronze	3/8" -3"	Cold (23°C)
Hammond Valve	UP8513 ¹	Bronze standard port solder end ball valve stainless trim	Bronze	3/8" -3"	Cold (23°C)
Hammond Valve	UP8511H ¹	Bronze full port solder X hose end ball valve	Bronze	1/2" - 3/4"	Cold (23°C)
Hammond Valve	UP8311A ¹	Bronze full port solder end ball valve	Bronze	1/2" - 2"	Cold (23°C)
Hammond Valve	UP8313A ¹	Bronze full port solder end ball valve stainless trim	Bronze	1/2" - 2"	Cold (23°C)
Hammond Valve	UP8604 ¹	Three Piece Bronze Full Port NPT Ball Valve	Bronze	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8603 ¹	Three Piece Bronze Full Port NPT Ball Valve Stainless Steel Trim	Bronze	1/4" - 3"	Cold (23°C)
Hammond	UP8614 ¹	Three Piece Bronze	Bronze	3/8" - 3"	Cold (23°C)

Valve		Full Port Solder End Ball Valve			
Hammond Valve	UP8613 ¹	Three Piece Bronze Full Port Solder End Ball Valve Stainless Steel Trim	Bronze	3/8" - 3"	Cold (23°C)

¹ Where 'X' stands for the size = 14 (1/4"), 38 (3/8"), 12 (1/2"), 34 (3/4"), 100 (1"), 114 (1 1/4"), 112 (1 1/2") and 200 (2"); available sizes included in individual model listing

² Where 'X' stands for D, E, F, G, H or J, indicating the size

³ After the base model comes DX or AXX where X=J, K, L, N, R, S, U, W, or WJ and XX=14, 16, 18, 20, or 24. The * may be any numeric digit and specifies handle option.

⁴ Where "X" stands for 00-Bare Stem, 01- 10 Position Lever Lock, 02-Infinite position with memory stop, 03-Gear operator with handwheel, 04-Buried service gear operator

⁵ Where "X" stands for J-2", K-2 1/2", L-3", N-4", R-5", S-6", U-8", W-10", WJ-12", 14, 16, 18, 20, 24 indicating size designation

⁶ Where "X" stands for 2", 2 1/2", 3", 4", 5", 6", 8", 10", 12", 14", 16", 18". 20", 24" indicating size

This information was valid on 1/30/2019.