

# IAPMO RESEARCH AND TESTING, INC.

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## CERTIFICATE OF LISTING

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:*

**MILWAUKEE VALVE CO.**

16550 W. STRATTON DRIVE, NEW BERLIN, WI 53151

*Product:*

**Drinking Water System Components - Health Effects**

*Products are certified to the following standard(s):*

**NSF/ANSI/CAN 61-2021**

**File Number:** W-9330

**Effective Date:** October 2019

**Revised Date:** August, 1 2022

**Void After Date:** October 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](http://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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### 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/CAN 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.

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### Product Type: Fittings

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	4151-X-2741 <sup>1</sup>	Bronze	1/2" - 2"	Commercial Hot (220°F)
Hammond Valve	4151-X-2741 <sup>1</sup>	Bronze	1/2" - 2"	Commercial Hot (220°F)

<sup>1</sup> Where 'X' stands for D, E, F, G, H or J, indicating the size

### Product Type: Gate Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UP105-X <sup>1</sup>	Bronze	1/4" - 2"	Cold (23°C)
Milwaukee Valve	UP115-X <sup>1</sup>	Bronze	3/8" - 2"	Cold (23°C)
Milwaukee Valve	UP148-X <sup>1</sup>	Bronze	1/4" - 2"	Cold (23°C)
Milwaukee Valve	UP149-X <sup>1</sup>	Bronze	3/8" - 2"	Cold (23°C)
Milwaukee Valve	UP667-X <sup>1</sup>	Brass	1/4" - 2"	Commercial Hot (220°F)
Milwaukee Valve	UP668-X <sup>1</sup>	Brass	1/4" - 2"	Commercial Hot (220°F)
Hammond Valve	UP635-X <sup>1</sup>	Bronze	3/8" - 2"	Cold (23°C)
Hammond Valve	UP640-X <sup>1</sup>	Bronze	1/4" - 2"	Cold (23°C)
Hammond Valve	UP645-X <sup>1</sup>	Bronze	1/4" - 2"	Cold (23°C)
Hammond Valve	UP647-X <sup>1</sup>	Bronze	3/8" - 2"	Cold (23°C)
Hammond Valve	UP667-X <sup>1</sup>	Brass	1/4" - 2"	Commercial Hot (220°F)
Hammond Valve	UP668-X <sup>1</sup>	Brass	1/4" - 2"	Commercial Hot (220°F)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

### Product Type: Globe Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UP1502-X <sup>1</sup>	Bronze	3/8" - 2"	Cold (23°C)
Milwaukee Valve	UP502-X <sup>1</sup>	Bronze	1/8" - 2"	Cold (23°C)
Hammond Valve	UP418-X <sup>1</sup>	Bronze	3/8" - 2"	Cold (23°C)
Hammond Valve	UP440-X <sup>1</sup>	Bronze	1/8" - 2"	Cold (23°C)

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### Product Type: Spring Check Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UP1548T-X <sup>1</sup>	Bronze	3/8" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP548T-X <sup>1</sup>	Bronze	3/8" - 2"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

### Product Type: Swing Check Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UP1509-X <sup>1</sup>	Bronze	3/8" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP1509-X <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)
Milwaukee Valve	UP509-X <sup>1</sup>	Bronze	1/4" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP509-X <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)
Milwaukee Valve	UP967-X <sup>1</sup>	Brass	3/8" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP968-X <sup>1</sup>	Brass	1/2" - 2"	Commercial Hot (82°C)
Milwaukee Valve	UP969-X <sup>1</sup>	Brass	1/4" - 2"	Commercial Hot (82°C)
Hammond Valve	UP904-X <sup>1</sup>	Bronze	1/4" - 2"	Commercial Hot (82°C)
Hammond Valve	UP904-X <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)
Hammond Valve	UP912-X <sup>1</sup>	Bronze	3/8" - 2"	Commercial Hot (82°C)
Hammond Valve	UP912-X <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)
Hammond Valve	UP943-X <sup>1</sup>	Bronze	3/8" - 2"	Commercial Hot (82°C)
Hammond Valve	UP947-X <sup>1</sup>	Bronze	3/8" - 2"	Commercial Hot (82°C)
Hammond Valve	UP967-X <sup>1</sup>	Brass	3/8" - 2"	Commercial Hot (82°C)
Hammond Valve	UP968-X <sup>1</sup>	Brass	1/2" - 2"	Commercial Hot (82°C)
Hammond Valve	UP969-X <sup>1</sup>	Brass	1/4" - 2"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

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### Product Type: Butterfly Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	ML*33E <sup>1</sup>	Iron - Bronze	2"-24"	Cold (23°C)
Milwaukee Valve	CL*23E <sup>1</sup>	Iron - Bronze	2"-24"	Cold (23°C)
Hammond Valve	6411 X <sup>2</sup> X <sup>3</sup>	Iron - Bronze	2"-24"	Cold (23°C)
Hammond Valve	5211 X <sup>2</sup> X <sup>4</sup>	Iron - Bronze	2"-24"	Cold (23°C)
Milwaukee Valve	HP1LSS421X-Y <sup>5,6</sup>	Various	2.5" - 24"	Cold (23°C)
Hammond Valve	HP1LSS421X-Y <sup>5,6</sup>	Various	2.5" - 24"	Cold (23°C)
Milwaukee Valve	HP3LSS421X-Y <sup>5,7</sup>	Various	2.5" - 16"	Cold (23°C)
Hammond Valve	HP3LSS421X-Y <sup>5,7</sup>	Various	2.5" - 16"	Cold (23°C)

<sup>1</sup> 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.

<sup>2</sup> 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

<sup>3</sup> 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

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

<sup>5</sup> Where "X" is a 1-digit number corresponding to the following operator mechanisms: 1=Bare Stem, 2=Lever Lock Handle, 3=Gear Operator, 4=Electric Actuator, 5=Pneumatic Actuator, 6=Epoxy-coated Gear Operator, 7=Epoxy-coated Lever Lock Handle

<sup>6</sup> Where "Y" is a 3-digit number corresponding to the following sizes: 025=2.5", 030=3", 040=4", 050=5", 060=6", 080=8", 100=10", 120=12", 140=14", 160=16", 180=18", 200=20", 240=24"

<sup>7</sup> Where "Y" is a 3-digit number corresponding to the following sizes: 025=2.5", 030=3", 040=4", 050=5", 060=6", 080=8", 100=10", 120=12", 140=14", 160=16"

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### Product Type: Ultra Press Ball Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-480-X <sup>1</sup>	Various	2 1/2" - 2"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

### Product Type: Ultra Pure Ball Valve NPT

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-475B-X <sup>1</sup>	Various	1/4" - 3"	Cold (23°C)
Milwaukee Valve	PM01LF-X <sup>1</sup>	Various	1/4" - 2"	Cold (23°C)
Milwaukee Valve	118-2-X <sup>1</sup>	Various	1/2" - 1"	Cold (23°C)
Hammond Valve	UP8901-X <sup>1</sup>	Various	1/4" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-475BLL-X <sup>1</sup>	Various	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8901-07-X <sup>1</sup>	Various	1/4" - 3"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

### Product Type: Ultra Pure Ball Valve- Solder End Locking Lever

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-485BLL-X <sup>1</sup>	Various	1/2" - 2"	Cold (23°C)
Hammond Valve	UP8911-07-X <sup>1</sup>	Various	1/2" - 2"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing



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### Product Type: Ultra Pure Ball Valve- Solder End

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-485B-X <sup>1</sup>	Various	1/2" - 3"	Cold (23°C)
Milwaukee Valve	PM11LF-X <sup>1</sup>	Various	1/2" - 2"	Cold (23°C)
Milwaukee Valve	118-4-X <sup>1</sup>	Various	1/2" - 3/4"	Cold (23°C)
Hammond Valve	UP8911-X <sup>1</sup>	Various	1/2" - 3"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

### Product Type: Full Port Press End Ball Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-480B-X <sup>1</sup>	Various	1/2" - 4"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

### Product Type: Full Port Press End Ball Valve Extension Handle

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-481B-X <sup>1</sup>	Various	1/2" - 2"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

### Product Type: Full Port NPT X Press End Ball Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-490B-X <sup>1</sup>	Various	1/2" - 2"	Commercial Hot (82°C)

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Product Type: Full Port NPT X Press End Ball Valve Extension Handle

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-491B-X <sup>1</sup>	Various	1/2" - 2"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full Port Press End X Hose End Ball Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-480BH-X <sup>1</sup>	Various	1/2" - 2 1/4"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full Port Press End X Hose End Ball Valve Extension Handle

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-481BH-X <sup>1</sup>	Various	1/2" - 2 1/4"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full Port Press End Ball Valve Stainless Steel Trim

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-480S-X <sup>1</sup>	Various	1/2" - 2"	Commercial Hot (82°C)



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Product Type: Full Port Press End Ball Valve Stainless Steel Trim Locking Lever Handle

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-480SLL-X <sup>1</sup>	Various	1/2" - 2"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full Port Press End Ball Valve Stainless Steel Trim Extension Handle

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-481S-X <sup>1</sup>	Various	1/2" - 2"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full Port NPT X Press End Ball Valve Stainless Steel Trim

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-490S-X <sup>1</sup>	Various	1/2" - 2"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full Port NPT X Press End Ball Valve Stainless Steel Trim Extension Handle

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-491S-X <sup>1</sup>	Various	1/2" - 2"	Commercial Hot (82°C)

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Product Type: Full Port Press End X Hose End Ball Valve Stainless Steel Trim

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-480SH-X <sup>1</sup>	Various	1/2" - 3/4"	Commercial Hot (82°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Standard port NPT end ball valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-100 <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8501 <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Standard port NPT end ball valve stainless steel trim

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-100S <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8503 <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full port NPT X hose end ball valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
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# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

NSF/ANSI/CAN 61



Issued To: MILWAUKEE VALVE CO.

Effective Date: October 2019

File Number: W-9330

Revised Date: August 1, 2022

Product: Drinking Water System Components - Health Effects

Void After Date: October 2024

This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at [pld.iapmo.org](http://pld.iapmo.org)

Milwaukee Valve	UPBA-100H <sup>1</sup>	Bronze	1/2" - 3/4"	Cold (23°C)
Hammond Valve	UP8501H <sup>1</sup>	Bronze	1/2" - 3/4"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full port NPT end ball valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-400 <sup>1</sup>	Bronze	1/4" - 2"	Cold (23°C)
Hammond Valve	UP8301A <sup>1</sup>	Bronze	1/4" - 2"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full port NPT end ball valve stainless trim

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-400S <sup>1</sup>	Bronze	1/4" - 2"	Cold (23°C)
Hammond Valve	UP8303A <sup>1</sup>	Bronze	1/4" - 2"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Standard port solder end ball valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-150 <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)
Hammond Valve	UP8511 <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

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Product: Drinking Water System Components - Health Effects

Void After Date: October 2024

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Product Type: Standard port solder end ball valve stainless trim

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-150S <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)
Hammond Valve	UP8513 <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full port solder X hose end ball valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-150H <sup>1</sup>	Bronze	1/2" - 3/4"	Cold (23°C)
Hammond Valve	UP8511H <sup>1</sup>	Bronze	1/2" - 3/4"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full port solder end ball valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-450 <sup>1</sup>	Bronze	1/2" - 2"	Cold (23°C)
Hammond Valve	UP8311A <sup>1</sup>	Bronze	1/2" - 2"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Full port solder end ball valve stainless trim

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-450S <sup>1</sup>	Bronze	1/2" - 2"	Cold (23°C)
Hammond Valve	UP8313A <sup>1</sup>	Bronze	1/2" - 2"	Cold (23°C)

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Revised Date: August 1, 2022

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<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Three Piece Full Port NPT Ball Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-300 <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8604 <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Three Piece Full Port NPT Ball Valve Stainless Steel Trim

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-300S <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)
Milwaukee Valve	UPBA-350S <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Three Piece Full Port Solder End Ball Valve

<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Milwaukee Valve	UPBA-350 <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)
Hammond Valve	UP8614 <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)

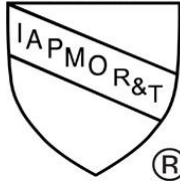
<sup>1</sup> Where 'X' stands for the size = 14 (1/4"), 38 (3/8"), 12 (1/2"), 34 (3/4"), 100 (1"), 114 (1 1/4"), 112 (1 1/2"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing

Product Type: Three Piece Full Port NPT Ball Valve Stainless Steel Trim

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Effective Date: October 2019

File Number: W-9330

Revised Date: August 1, 2022

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<u>Brand Name</u>	<u>Model Number</u>	<u>Material</u>	<u>Size</u>	<u>Water Contact Temperature</u>
Hammond Valve	UP8603 <sup>1</sup>	Bronze	1/4" - 3"	Cold (23°C)
Hammond Valve	UP8613 <sup>1</sup>	Bronze	3/8" - 3"	Cold (23°C)

<sup>1</sup> 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"), 200 (2"), 250 (2-1/2"), and 300 (3"); available sizes included in individual model listing