

IAPMO RESEARCH AND TESTING, INC.

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IAPMO R&T Product Listing

This IAPMO R&T Listing is current as of 3/1/2019

Product: Lead Free Plumbing Products File No. 7297

Issued To: NINGBO HUAPING INTELLIGENT CONTROL TECHNOLOGY CO., LTD.
35 TECHNOLOGY AVE.
TECH. AND INDUSTRIAL ZONE
OF NINGHAI
NINGBO, ZHEJIANG
CHINA

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.

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

Section 1417(d) of the Safe Drinking Water Act
The lead content requirements of Section 116875 of the California Health & Safety Code
NSF/ANSI 372-2016

MODELS:

| Model No. | Description |
|-------------|----------------------------------|
| NLQ103-041 | 1/4" No-lead brass ball valves |
| NLQ103-083 | 3/8" No-lead brass ball valves |
| NLQ103-021 | 1/2" No-lead brass ball valves |
| NLQ103-043 | 3/4" No-lead brass ball valves |
| NLQ103-100 | 1" No-lead brass ball valves |
| NLQ103-141 | 1-1/4" No-lead brass ball valves |
| NLQ103-121 | 1-1/2" No-lead brass ball valves |
| NLQ103-200 | 2" No-lead brass ball valves |
| NLQ103H-141 | 1-1/4" No-lead brass ball valves |
| NLQ103H-121 | 1-1/2" No-lead brass ball valves |
| NLQ103H-200 | 2" No-lead brass ball valves |
| NLQ104-041 | 1/4" No-lead brass ball valves |
| NLQ104-083 | 3/8" No-lead brass ball valves |
| NLQ104-021 | 1/2" No-lead brass ball valves |
| NLQ104-043 | 3/4" No-lead brass ball valves |
| NLQ104-100 | 1" No-lead brass ball valves |
| NLQ104-141 | 1-1/4" No-lead brass ball valves |
| NLQ104-121 | 1-1/2" No-lead brass ball valves |

| | |
|-------------|----------------------------------|
| NLQ104-200 | 2" No-lead brass ball valves |
| NLQ104-221 | 2-1/2" No-lead brass ball valves |
| NLQ104-300 | 3" No-lead brass ball valves |
| NLQ104-400 | 4" No-lead brass ball valves |
| NLQ105-041 | 1/4" No-lead brass ball valves |
| NLQ105-083 | 3/8" No-lead brass ball valves |
| NLQ105-021 | 1/2" No-lead brass ball valves |
| NLQ105-043 | 3/4" No-lead brass ball valves |
| NLQ105-100 | 1" No-lead brass ball valves |
| NLQ105-141 | 1-1/4" No-lead brass ball valves |
| NLQ105-121 | 1-1/2" No-lead brass ball valves |
| NLQ105-200 | 2" No-lead brass ball valves |
| NLQ105-221 | 2-1/2" No-lead brass ball valves |
| NLQ105-300 | 3" No-lead brass ball valves |
| NLQ105-400 | 4" No-lead brass ball valves |
| NLQ104H-141 | 1-1/4" No-lead brass ball valves |
| NLQ104H-121 | 1-1/2" No-lead brass ball valves |
| NLQ104H-200 | 2" No-lead brass ball valves |
| NLQ104H-221 | 2-1/2" No-lead brass ball valves |
| NLQ104H-300 | 3" No-lead brass ball valves |
| NLQ104H-400 | 4" No-lead brass ball valves |
| NLQ105H-141 | 1-1/4" No-lead brass ball valves |
| NLQ105H-121 | 1-1/2" No-lead brass ball valves |
| NLQ105H-200 | 2" No-lead brass ball valves |
| NLQ105H-221 | 2-1/2" No-lead brass ball valves |
| NLQ105H-300 | 3" No-lead brass ball valves |
| NLQ105H-400 | 4" No-lead brass ball valves |
| NL117-021 | 1/2" No-lead brass ball valves |
| NL117-043 | 3/4" No-lead brass ball valves |
| NL117-100 | 1" No-lead brass ball valves |
| NL118-021 | 1/2" No-lead brass ball valves |
| NL118-043 | 3/4" No-lead brass ball valves |
| NL118-100 | 1" No-lead brass ball valves |
| NLQ119-083 | 3/8" No-lead brass ball valves |
| NLQ119-021 | 1/2" No-lead brass ball valves |
| NLQ119-043 | 3/4" No-lead brass ball valves |
| NLQ119-100 | 1" No-lead brass ball valves |
| NLQ119H-083 | 3/8" No-lead brass ball valves |
| NLQ119H-021 | 1/2" No-lead brass ball valves |
| NLQ119H-043 | 3/4" No-lead brass ball valves |
| NLQ119H-100 | 1" No-lead brass ball valves |
| NLQ131-041 | 1/4" No-lead brass ball valves |
| NLQ131-083 | 3/8" No-lead brass ball valves |
| NLQ131-021 | 1/2" No-lead brass ball valves |
| NLQ131-043 | 3/4" No-lead brass ball valves |
| NLQ131-100 | 1" No-lead brass ball valves |
| NLQ131-141 | 1-1/4" No-lead brass ball valves |
| NLQ131-121 | 1-1/2" No-lead brass ball valves |
| NLQ131-200 | 2" No-lead brass ball valves |
| NLQ131H-141 | 1-1/4" No-lead brass ball valves |
| NLQ131H-121 | 1-1/2" No-lead brass ball valves |
| NLQ131H-200 | 2" No-lead brass ball valves |
| NLQ120-021 | 1/2" No-lead brass ball valves |
| NLQ120-043 | 3/4" No-lead brass ball valves |
| NLQ120-100 | 1" No-lead brass ball valves |

| <u>Model No.</u> | <u>Description</u> |
|------------------|--|
| 1104LF-021 | 1/2" Lead-free safety exhaust brass ball valve |
| 1104LF-041 | 1/4" Lead-free safety exhaust brass ball valve |
| 1104LF-043 | 3/4" Lead-free safety exhaust brass ball valve |
| 1104LF-083 | 3/8" Lead-free safety exhaust brass ball valve |
| 117LF-021 | 1/2" Lead-free brass ball valve with drain |
| 117LF-043 | 3/4" Lead-free brass ball valve with drain |
| 117LF-100 | 1" Lead-free brass ball valve with drain |
| 118LF-021 | 1/2" Lead-free brass ball valve with drain |
| 118LF-043 | 3/4" Lead-free brass ball valve with drain |
| 118LF-100 | 1" Lead-free brass ball valve with drain |
| APL (NL) -021 | 1/2" Union End Brass Ball Valve (low-lead) |
| APL (NL) -043 | 3/4" Union End Brass Ball Valve (low-lead) |
| APL (NL) -100 | 1" Union End Brass Ball Valve (low-lead) |
| Q103LF-021 | 1/2" Lead-free brass ball valve |
| Q103LF-041 | 1/4" Lead-free brass ball valve |
| Q103LF-043 | 3/4" Lead-free brass ball valve |
| Q103LF-083 | 3/8" Lead-free brass ball valve |
| Q103LF-100 | 1" Lead-free brass ball valve |
| Q103LF-121 | 1 1/2" Lead-free brass ball valve |
| Q103LF-121A | 1 1/2" Lead-free brass ball valve |
| Q103LF-121B | 1 1/2" Lead-free brass ball valve |
| Q103LF-141 | 1 1/4" Lead-free brass ball valve |
| Q103LF-141A | 1 1/4" Lead-free brass ball valve |
| Q103LF-141B | 1 1/4" Lead-free brass ball valve |
| Q103LF-200 | 2" Lead-free brass ball valve |
| Q103LF-200A | 2" Lead-free brass ball valve |
| Q103LF-200B | 2" Lead-free brass ball valve |

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| Q1139LF-043 | 3/4" Lead-free Barb brass ball valve |
| Q1139LF-100 | 1" Lead-free Barb brass ball valve |
| Q1139LF-141 | 1 1/4" Lead-free Barb brass ball valve |
| Q1139LF-141A | 1 1/4" Lead-free Barb brass ball valve |
| Q1139LF-141B | 1 1/4" Lead-free Barb brass ball valve |
| Q120LF-021 | 1/2" Lead-free brass ball valve with Comp |
| Q120LF-043 | 3/4" Lead-free brass ball valve with Comp |
| Q120LF-100 | 1" Lead-free brass ball valve with Comp |
| Q131LF-021 | 1/2" Lead-free brass ball valve |
| Q131LF-041 | 1/4" Lead-free brass ball valve |
| Q131LF-043 | 3/4" Lead-free brass ball valve |
| Q131LF-083 | 3/8" Lead-free brass ball valve |
| Q131LF-100 | 1" Lead-free brass ball valve |
| Q131LF-121 | 1 1/2" Lead-free brass ball valve |
| Q131LF-121A | 1 1/2" Lead-free brass ball valve |
| Q131LF-121B | 1 1/2" Lead-free brass ball valve |
| Q131LF-141 | 1 1/4" Lead-free brass ball valve |
| Q131LF-141A | 1 1/4" Lead-free brass ball valve |
| Q131LF-141B | 1 1/4" Lead-free brass ball valve |
| Q131LF-200 | 2" Lead-free brass ball valve |
| Q131LF-200A | 2" Lead-free brass ball valve |
| Q131LF-200B | 2" Lead-free brass ball valve |
| Q167A-021 | 1/2" NPT ball valve |
| Q167A-043 | 3/4" NPT ball valve |
| Q167A-100 | 1" NPT ball valve |
| Q167A-121 | 1-1/2" NPT ball valve |
| Q167A-141 | 1-1/4" NPT ball valve |
| Q167A-200 | 2" NPT ball valve |
| Q942LF-021 | 1/2", Leadfree Brass Ball Valves with Press End Connection |
| Q942LF-043 | 3/4", Leadfree Brass Ball Valves with Press End Connection |
| Q942LF-100 | 1", Leadfree Brass Ball Valves with Press End Connection |
| Q942LF-141 | 1-1/4", Leadfree Brass Ball Valves with Press End Connection |
| Q942LF-121 | 1-1/2", Leadfree Brass Ball Valves with Press End Connection |
| Q942LF-200 | 2", Leadfree Brass Ball Valves with Press End Connection |
| Q942LF-221 | 2-1/2", Leadfree Brass Ball Valves with Press End Connection |
| Q942LF-300 | 3", Brass Ball Valves (SS 316 Ball & SS 304 stem) with Press End Connection |
| Q942LF-400 | 4", Leadfree Brass Ball Valves with Press End Connection |
| Q945LF-021 | 1/2" pressed fit ball valve |
| Q945LF-043 | 3/4" pressed fit ball valve |
| Q945LF-100 | 1" pressed fit ball valve |
| Q945LF-121 | 1-1/2" pressed fit ball valve |
| Q945LF-141 | 1-1/4" pressed fit ball valve |
| Q945LF-200 | 2" pressed fit ball valve |
| Q945LF-250 | 2-1/2" pressed fit ball valve |
| Q945LF-300 | 3"pressed fit ball valve |
| Q945LF-400 | 4" pressed fit ball valve |

Lead Free Brass Check Valves:

| <u>Model No.</u> | <u>Description</u> |
|------------------|---|
| 243LF-021 | 1/2" FIP Low lead brass check valve |
| 243LF-043 | 3/4" FIP Low lead brass check valve |
| 243LF-100 | 1" FIP Low lead brass check valve |
| 243LF-141 | 1-1/4" FIP Low lead brass check valve |
| 243LF-121 | 1-1/2" FIP Low lead brass check valve |
| 243LF-200 | 2" FIP Low lead brass check valve |
| 243LF-221 | 2-1/2" FIP Low lead brass check valve |
| 243LF-300 | 3" FIP Low lead brass check valve |
| 243LF-400 | 4" FIP Low lead brass check valve |
| 244LF-021 | 1/2" Sweat Low lead brass check valve |
| 244LF-043 | 3/4" Sweat Low lead brass check valve |
| 244LF-100 | 1" Sweat Low lead brass check valve |
| 244LF-141 | 1-1/4" Sweat Low lead brass check valve |
| 244LF-121 | 1-1/2" Sweat Low lead brass check valve |
| 244LF-200 | 2" Sweat Low lead brass check valve |

Lead Free Brass Globe Valves:

| <u>Model No.</u> | <u>Description</u> |
|------------------|---|
| 224LF-021 | 1/2" FIP Globe Valve |
| 224LF-043 | 3/4" FIP Globe Valve |
| 224WLF-021 | 1/2" FIP Globe Valve with drain |
| 224WLF-043 | 3/4" FIP Globe Valve with drain |
| 226LF-021 | 1/2" Sweat Globe Valve |
| 226LF-043 | 3/4" Sweat Globe Valve |
| 226WLF-021 | 1/2" Sweat Globe Valve with drain |
| 226WLF-043 | 3/4" Sweat Globe Valve with drain |
| 236LF-021 | 1/2" Compression Globe Valve |
| 236LF-043 | 3/4" Compression Globe Valve |
| 236WLF-021 | 1/2" Compression Globe Valve with drain |
| 236WLF-043 | 3/4" Compression Globe Valve with drain |

Lead Free Brass 1/4 turn Hose End Valves

Model No.
1060LF-021
1060LF-043
1061LF-021
1061LF-043
1062LF-021
1062LF-043
1063LF-021
1064LF-021
1064LF-043
1065LF-021
1065LF-043
1066LF-021
1066LF-043
1067LF-021
1067LF-043
1068LF-021
1069LF-021
1069LF-043

Lead Free Brass Garden Valves:

Model No.
HP1304LF-3
HP1304LF-4
HP1304LF-5
HP1304ALF-3
HP1304ALF-4
HP1304ALF-5
HP1305LF-3
HP1305LF-4
HP1314LF-3
HP1314LF-4

Lead Free Brass Hose Bibb

Model No.
HP1300LF-3
HP1301LF-3
HP1301LF-4
HP1302LF-3
HP1302LF-4
HP1303LF-3
J325LF-021
J325LF-043

Lead Free Brass Sillcock:

Model No.
HP1441LF-03
HP1441LF-04
HP11441LF-03
HP11441LF-04
HP11441LF-14

Lead Free Brass Boiler Drain Valves

Model No.
HP267LF-021
HP267LF-043
HP268LF-021
HP268LF-043
HP268ALF-043
HP268BLF-021
HP271LF-021
HP271LF-043
HP271CLF-021
HP271CLF-043
HP272LF-021
HP272LF-043
HP272BLF-021
HP272BLF-043
HP224LF-D
HP224LF-E

Lead Free Brass Washing Valves:

Model No.
HP1550LF-10B
HP1550CPLF-10B
HP1550LF-11B
HP1550CPLF-11B

ADDITIONAL COMPANY INFO:

AQUANA

| <u>Model No.</u> | <u>Description</u> |
|------------------|-----------------------|
| AQ167A-021 | 1/2" NPT ball valve |
| AQ167A-043 | 3/4" NPT ball valve |
| AQ167A-100 | 1" NPT ball valve |
| AQ167A-121 | 1-1/2" NPT ball valve |
| AQ167A-141 | 1-1/4" NPT ball valve |
| AQ167A-200 | 2" NPT ball valve |

Conbraco Industries, Inc.

| <u>Model No.</u> |
|------------------|
| 94ALF10101 |
| 94ALF10201 |
| 94ALF10301 |
| 94ALF10401 |
| 94ALF10501 |
| 94ALF10601 |
| 94ALF10701 |
| 94ALF10801 |
| 94ALF10901 |
| 94ALF10001 |
| 94ALF10A01 |
| 94ALF20301 |
| 94ALF20401 |
| 94ALF20501 |
| 94ALF20601 |
| 94ALF20701 |
| 94ALF20801 |
| 94ALF20901 |
| 94ALF20001 |
| 94ALF20A01 |
| 95ALF40301 |
| 95ALF40401 |
| 95ALF40501 |

| <u>Model No.</u> | <u>Description</u> |
|------------------|------------------------|
| 94ALF10101A | 1/4" lead free valve |
| 94ALF10201A | 3/8" lead free valve |
| 94ALF10301A | 1/2" lead free valve |
| 94ALF10401A | 3/4" lead free valve |
| 94ALF10501A | 1" lead free valve |
| 94ALF10601A | 1-1/4" lead free valve |
| 94ALF10701A | 1-1/2" lead free valve |
| 94ALF10801A | 2" lead free valve |
| 94ALF10901A | 2-1/2" lead free valve |
| 94ALF10001A | 3" lead free valve |
| 94ALF10A01A | 4" lead free valve |
| 94ALF20301A | 1/2" lead free valve |
| 94ALF20401A | 3/4" lead free valve |
| 94ALF20501A | 1" lead free valve |
| 94ALF20601A | 1-1/4" lead free valve |
| 94ALF20701A | 1-1/2" lead free valve |
| 94ALF20801A | 2" lead free valve |
| 94ALF20901A | 2-1/2" lead free valve |
| 94ALF20001A | 3" lead free valve |
| 94ALF20A01A | 4" lead free valve |
| 95ALF40301 | 1/2" lead free valve |
| 95ALF40401 | 3/4" lead free valve |
| 95ALF40501 | 1" lead free valve |
| 95ALF30301 | 1/2" lead free valve |
| 95ALF30401 | 3/4" lead free valve |
| 95ALF30501 | 1" lead free valve |

Leadfree Press Ball Valve with single O-ring

| <u>Model No.</u> | <u>Size</u> |
|------------------|-------------|
| Q942LF | 1/2" |
| Q942LF | 3/4" |
| Q942LF | 1" |
| Q942LF | 1 1/4" |
| Q942LF | 1 1/2" |
| Q942LF | 2" |

| | |
|--------|--------|
| Q942LF | 2 1/2" |
| Q942LF | 3" |
| Q942LF | 4" |

Brand Name: Apollo Valve

| <u>Model No.</u> | <u>Description</u> |
|------------------|---|
| 69BV0301NL | 1/2" Union End Brass Ball Valve low-lead |
| 69BV0401NL | 3/4" Union End Brass Ball Valve low -lead |
| 69BV0501NL | 1" Union End Brass Ball Valve low -lead |
| 94VLF10001 | 3" |
| 94VLF10301 | 1/2" |
| 94VLF10401 | 3/4" |
| 94VLF10501 | 1" |
| 94VLF10601 | 1 1/4" |
| 94VLF10701 | 1 1/2" |
| 94VLF10801 | 2" |
| 94VLF10901 | 2 1/2" |
| 94VLF10A01 | 4" |

EZ-FLO International, Inc.

Eastman™

| <u>Model No.</u> |
|------------------|
| 20041LF |
| 20043LF |
| 20045LF |
| 20047LF |
| 20049LF |
| 20051LF |
| 20053LF |
| 20055LF |
| 20061LF |
| 20063LF |
| 20065LF |
| 20067LF |
| 20069LF |
| 20071LF |
| 20096LF |

This information was valid on 3/1/2019.