

cimPRESS™

Full Port Ball Valve

Suitable for all plumbing and heating applications, including 50% glycol/water mixtures.

For use with hard drawn copper and/or stainless steel pipe using standard press tools. Manufactured in accordance with MSS-SP-110, PS117-2004, and EN ISO 9001 standards.

Features:

The CimPRESS 1220NL features press x press connections with patented, Sure Connect O-Rings, 250 PSI pressure rating, and 250° F temperature rating. They are manufactured from DZR “CR” corrosion-resistant, no-lead brass.

- Compatible with Standard Press Tools
- Patented Sure Connect O-Rings
- Suitable for 50% Glycol/Water Mixtures
- Compact Design
- Water-Tight Seal
- Easy Installation
- Corrosion-Resistant

Size	Cim No.
½"	1220NL-04
¾"	1220NL-06
1"	1220NL-07
1¼"	1220NL-08
1½"	1220NL-09
2"	1220NL-10
2½"	1220NL-11
3"	1220NL-12
4"	1220NL-14

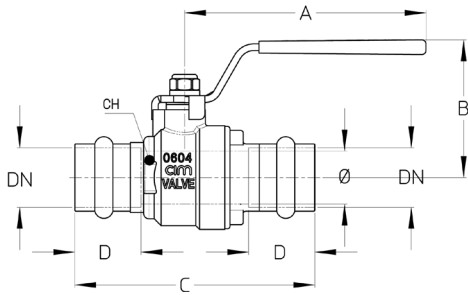
Based on NSF/ANSI 61-2008 Annex G in compliance with Section 116875 of the California Health & Safety Code.

All Cimberio valves qualify for the American Recovery and Reinvestment Act and the Buy American Act.

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cim 1220NL

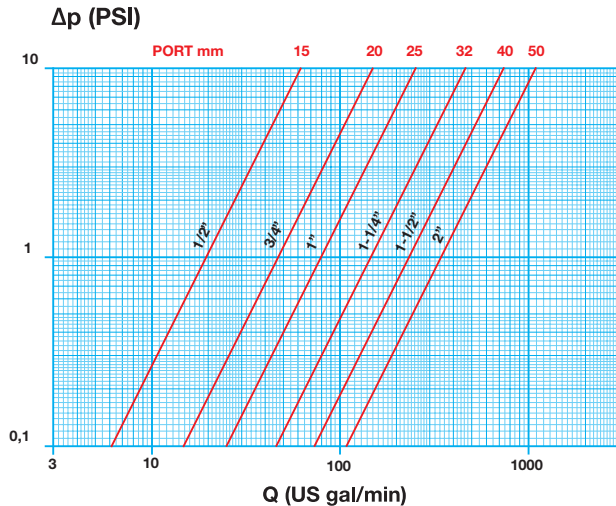
1220NL IS NOT INTENDED FOR USE WITH SOFT OR ROLLED COPPER PIPE



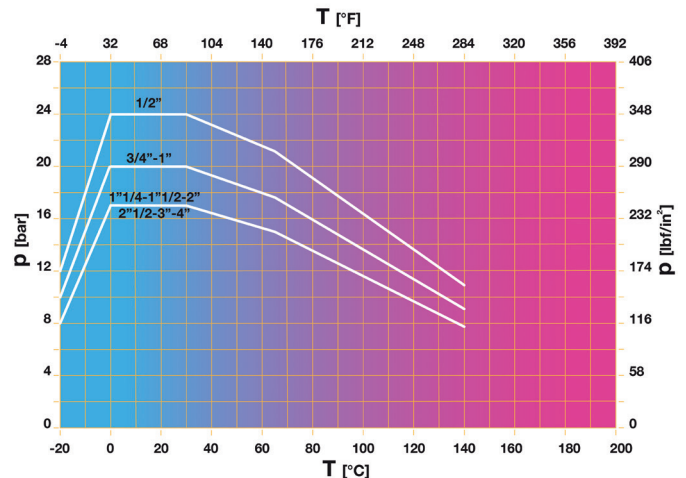
DIMENSIONS

Size	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"
A	3 ⁹ / ₁₆ " 90mm	3 ⁹ / ₁₆ " 90mm	4 ⁵ / ₁₆ " 110mm	4 ⁵ / ₁₆ " 110mm	5 ¹⁵ / ₁₆ " 150mm	5 ¹⁵ / ₁₆ " 150mm	9 ⁷ / ₁₆ " 240mm	9 ⁷ / ₁₆ " 240mm	9 ⁷ / ₁₆ " 240mm
B	1 ⁷ / ₈ " 47mm	2 ¹ / ₈ " 52mm	2 ¹ / ₄ " 57mm	2 ¹ / ₄ " 65mm	2 ¹ / ₄ " 73mm	3 ¹ / ₈ " 80mm	4 ¹ / ₈ " 121mm	5 ³ / ₁₆ " 130mm	5 ¹ / ₈ " 145mm
C	3 ⁹ / ₁₆ " 78mm	2" 51mm	3 ⁷ / ₈ " 99mm	4 ⁵ / ₁₆ " 107mm	5 ¹ / ₈ " 131mm	6 ¹ / ₈ " 159mm	7 ⁷ / ₁₆ " 201mm	8 ¹ / ₁₆ " 214mm	9 ¹ / ₂ " 241mm
D	7 ¹ / ₈ " 22mm	1" 25mm	1 ¹ / ₁₆ " 27mm	1 ¹ / ₁₆ " 27mm	1" 32mm	1 ¹ / ₁₆ " 37mm	2 ¹ / ₈ " 55mm	2 ¹ / ₈ " 55mm	2 ³ / ₈ " 60mm
CH	1 ⁵ / ₁₆ " 24mm	1 ¹ / ₄ " 31mm	1 ¹ / ₂ " 38mm	1 ⁷ / ₈ " 47mm	2 ³ / ₈ " 55mm	2 ¹ / ₁₆ " 68mm	3 ¹ / ₈ " 82mm	3 ¹ / ₈ " 96mm	4 ¹³ / ₁₆ " 123mm
Pounds	0.43	0.68	1.06	1.58	2.61	4.03	8.179	11.016	17.379
Grams	193	310	480	718	1183	1827	3718	5007	7900

FLOW AND PRESSURE DROP



PRESSURE/TEMPERATURE RATINGS



CV - CM - CS - MT

CV: Capacity in "US gal/min" at pressure drop of "1 PSI"

CM: Working Torque in "lb x in"

CS: Starting Torque in "lb x in"

MT: Torque Breaking Point on the Stem in "lb x in"

Element: Water - Temperature: 59.9° F

Working Pressure: 250 PSI

Max. Operating Temp: Working Limit for Fluids: -4° F - 248° F

Test Pressure: According to ISO 5208

Size	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"
CV	19.7	47.4	78.8	142.3	229.1	335.4	531.8	864.7	1416.2
CM	27	44	53	62	71	97	132.8	168.2	256.7
CS	53	89	106	124	142	195	265.5	336.3	513.3
MT	177	213	230	230	779	779	2478	2478	4867.5

Job Name: _____

Job #: _____

Contractor: _____

Engineer: _____

Tag: _____

Date: _____

Contractor #: _____

Specification #: _____