



## Tankless Water Heater Valve Kit

Suitable for tankless water heaters.

Manufactured in accordance with MSS-SP-110, PS117-2004, and EN ISO 9001 standards.

### Features:

The Cim 460NL includes one inlet and one outlet combination ball valve/union/drain and one pressure relief valve. They are manufactured from DZR “CR” corrosion-resistant, no-lead brass with a working pressure up to 600 PSI, and a 230° F temperature rating. Cim 460NL uses NPT x NPT connections.

- Combines the Functions of up to 10 Fittings
- 1/4 Turn Ball Valves
- Includes Pressure Relief Valve
- Color Coded Handles
- Compact Design
- Easy Installation
- Corrosion-Resistant

Size	Cim No.
3/4"	460NL-06-Kit

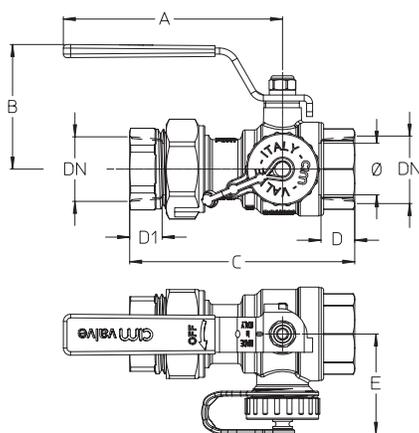
Based on NSF/ANSI 61-2008 Annex G in compliance with Section 116875 of the California Health & Safety Code.

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

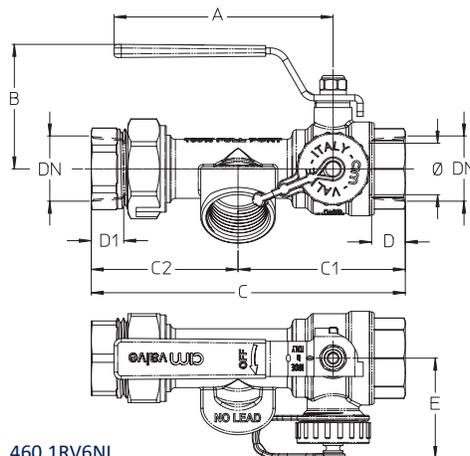
# cim Tankless Water Heater Valve Kit

## cim460NL

### DIMENSIONS



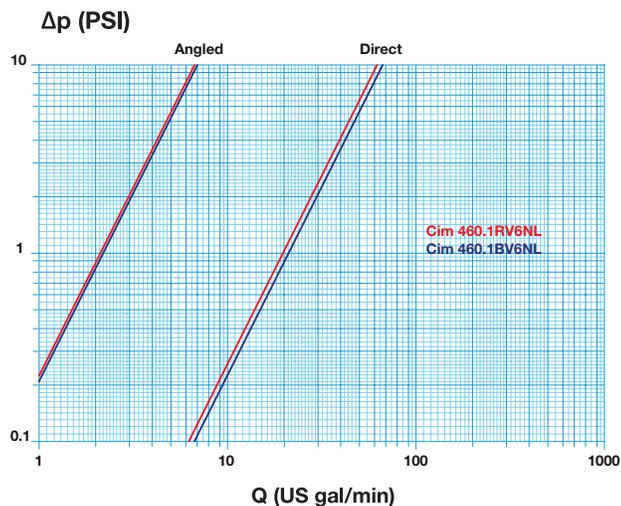
460.1BV6NL



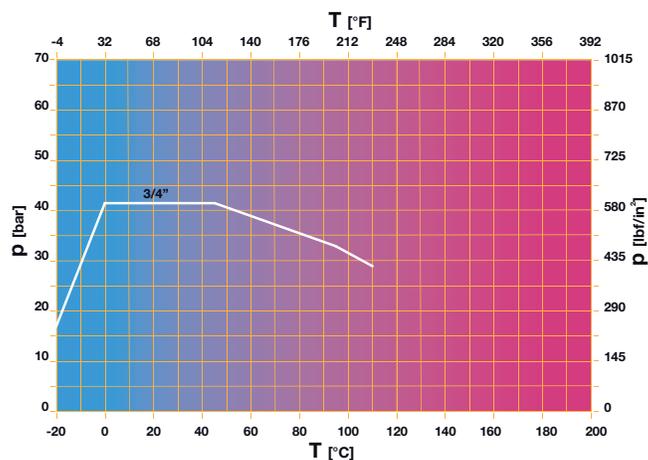
460.1RV6NL

	460.1BV6NL	460.1RV6NL
A	2 3/4" 70mm	2 3/4" 70mm
B	2 1/16" 52mm	2 1/16" 52mm
C	3 1/16" 94mm	5" 131mm
C1	-	2 3/4" 70mm
C2	-	2 3/4" 61mm
D1	5/8" 15mm	5/8" 15mm
D2	3/4" 19mm	3/4" 19mm
Pounds	0.98	1.04
Grams	443	470

### 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:** 600 PSI

**Max. Operating Temp:** Working Limit for Fluids: -4° F - 230° F

**Test Pressure:** According to ISO 5208

	CV Straight	CV Angle	CM	CS	MT
<b>460.1BV6NL</b>	21	2.2	17.7	35.4	221.3
<b>460.1RV6NL</b>	19.8	2.1	17.7	35.4	221.3

Job Name: \_\_\_\_\_

Job #: \_\_\_\_\_

Contractor: \_\_\_\_\_

Engineer: \_\_\_\_\_

Tag: \_\_\_\_\_

Date: \_\_\_\_\_

Contractor #: \_\_\_\_\_

Specification #: \_\_\_\_\_