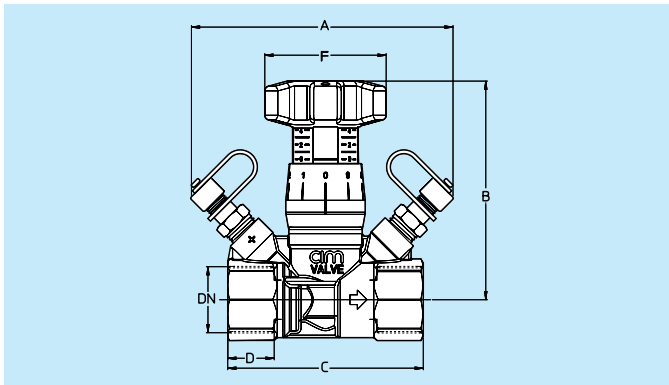
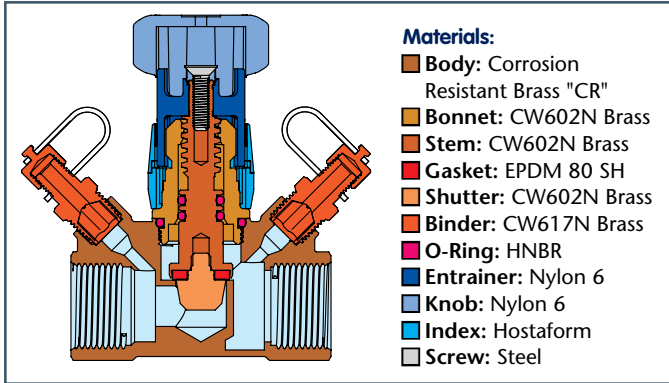


Balancing Valve

cim 787.1

Variable Orifice with Integral Test Points - FIPT x FIPT



Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A	4-3/16" 106mm	4-3/16" 107mm	4-3/16" 107mm	4-7/8" 123mm	5-1/16" 128mm	5-3/16" 132mm
B	3-7/16" 87.5mm	3-1/2" 89.5mm	3-5/8" 91.5mm	3-7/8" 99mm	3-7/8" 99mm	3-15/16" 100mm
C	2-15/16" 75mm	3-1/8" 80mm	3-7/16" 87mm	4-1/4" 108mm	4-1/2" 115mm	4-7/8" 124mm
D	5/8" 16mm	3/4" 19mm	13/16" 21mm	7/8" 22.5mm	15/16" 23mm	1-1/16" 26.5mm
F	1-15/16" 50mm	1-15/16" 50mm	1-15/16" 50mm	1-15/16" 50mm	1-15/16" 50mm	1-15/16" 50mm
Pounds	0.84	0.97	1.18	2.12	2.47	2.98
Grams	380	440	535	960	1120	1350

Applications:

The CIM 787.1 balancing valve is manufactured in accordance with EN ISO 9001 and is designed to provide flow balancing and measurement across all valve settings. The CIM 787.1 balancing valve is available in valve sizes from 1/2" through 2" and is manufactured of corrosion resistant brass. It is suitable for both heating (LPHW) and cooling applications at working pressures up to 290 PSI.

Features:

- A compact body design with integral test points.
- A thread locking mechanism designed to accurately lock valve settings enabling the valve to be closed and re-opened to its exact pre-set position.
- Allen key valve position locking.
- Heat and impact resistant nylon handle with a 360° re-settable index collar and indicator scale which can be read from any angle.
- An EPDM lined valve plug designed to provide increased control and tight shut-off for isolation purposes.

The CIM 787.1 balancing valve has been tested by BSRIA with water containing high air and dirt levels. Testing results demonstrated an excellent tolerance to such conditions providing confidence that the valves will retain a high level of accuracy and repeatability of flow measurement under even the worst system conditions.

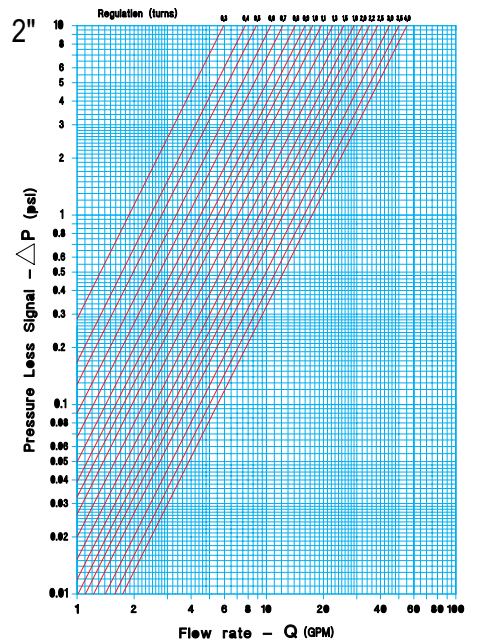
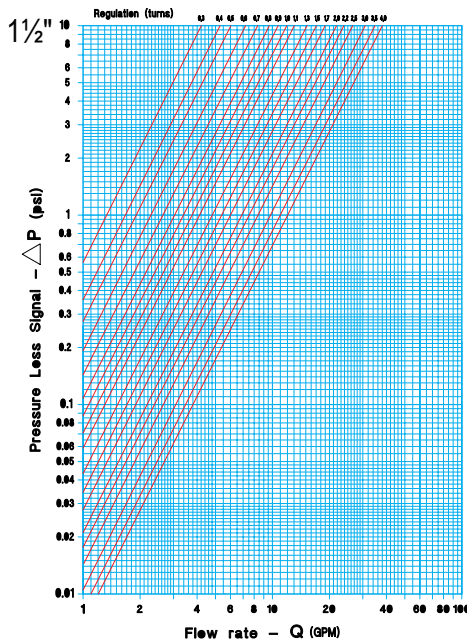
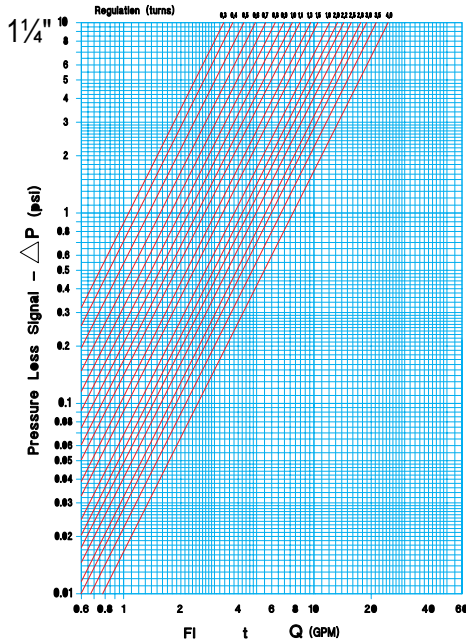
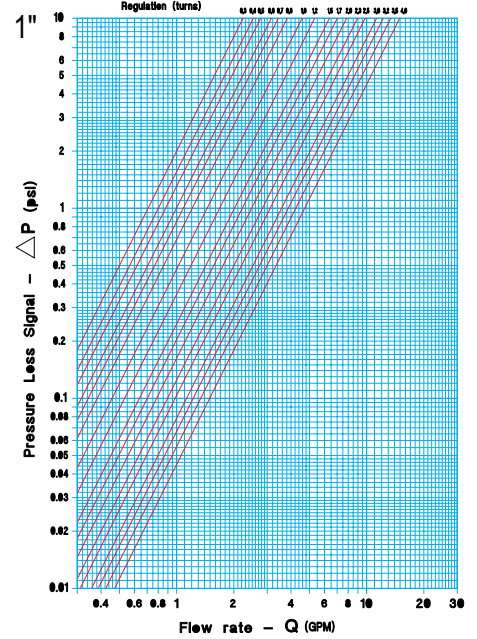
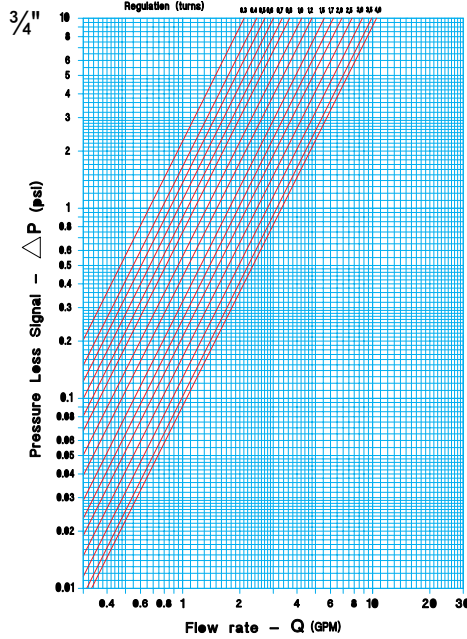
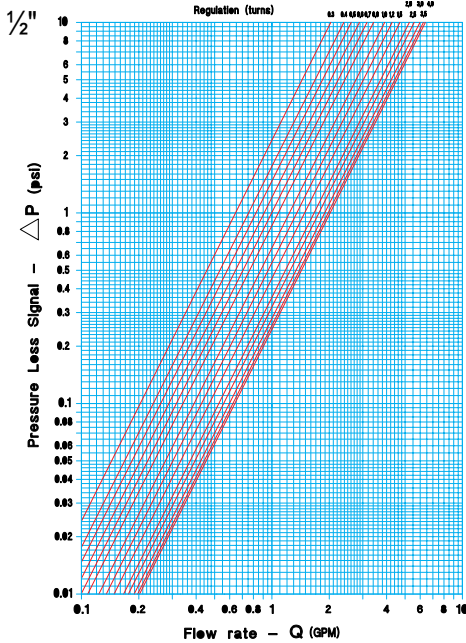
Threading:

NPT threads ANSI B1.20.1.

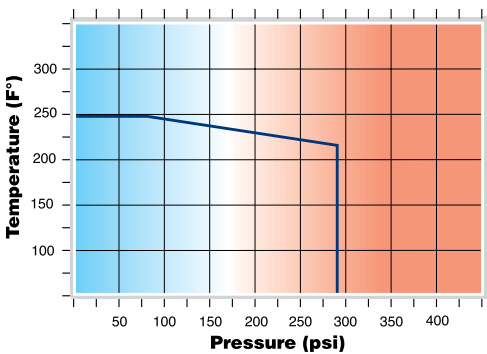
Size	Fast Order No.	Technical ID No.
1/2"	787-04	CIM787-A04HBV
3/4"	787-06	CIM787-A06HBV
1"	787-07	CIM787-A07HBV
1-1/4"	787-08	CIM787-A08HBV
1-1/2"	787-09	CIM787-A09HBV
2"	787-10	CIM787-A10HBV

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

PRESSURE SIGNAL



PRESSURE/TEMPERATURE RATINGS



Working Pressure:
290 PSI

Maximum Operating Temperature:
Working Limit for Fluids
14° F – 248° F

Test Pressures:
According to ISO 5208

CV

CV: Capacity in "U.S. gal/min" at pressure drop of "1 PSI"
Element: Water - Temperature: 59.9° F

787.1 SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
CV	2.02	3.32	4.72	7.75	12.03	17.41