



Model UA
Ball valve used on
hose kit at left

Model UA shown with standard Pressure / Temperature ports.

Product Information

Kit B includes Model UA venturi balancing valve regulator, Model YC strainer with ball valve and two Model H2/H3 hose assemblies.

Model UA is a shut-off and manual throttling venturi valve with EPDM O-ring, Teflon seat and memory stop. Stem is blowout proof with EPDM O-ring and Teflon packing with packing nut. Dual Pressure / Temperature ports are standard with an additional option available for air vent or drain valve. Ball valve end available thread or sweat – please specify.

strainer is removable from the valve body for inspection and cleaning without breaking the main piping.

Hose assembly has a braided stainless steel outer band with EPDM inner tube and brass or steel fittings.

Model YC is a combination ball valve, y-strainer and union with five (5) accessory port locations. 20 mesh stainless steel

Dimensions not to be used for construction unless prints certified by factory.

Dimensions

| Kit Size | Overall Length - 2 Ft. Kit | | Overall Weight Per Kit (lbs.) |
|----------|----------------------------|--------|----------------------------------|
| | Return | Supply | |
| 1/2" | 30" | 31" | 6 |
| 3/4" | 30" | 31" | 7 |
| 1" | 30" | 33" | 13 |
| 1 1/4" | 31" | 33" | 16 |
| 1 1/2" | 32" | 34" | 27 |
| 2" | 32" | 34" | 34 |

Notes

Overall length of kit may vary by ± 1" and is provided only as an estimate.

Each kit is shipped hand tight unless otherwise stated

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Model UA Configuration Information

| Body Size | Venturi No. | Venturi Flow Ranges* gpm (lps) |
|-----------|-------------|-----------------------------------|
| A | 1 | 0.2 - 0.9 (0.01 - 0.06) |
| | 2 | 0.4 - 2.0 (0.03 - 0.13) |
| | 3 | 1.0 - 4.6 (0.06 - 0.29) |
| | 4 | 2.3 - 10.1 (0.14 - 0.64) |
| B | 5 | 2.7 - 12.6 (0.17 - 0.80) |
| | 6 | 5.8 - 27.5 (0.37 - 1.73) |
| C | 7 | 9.5 - 48.8 (0.60 - 3.08) |
| | 8 | 22.0 - 103.3 (1.39 - 6.52) |

S = female sweat F = female NPT M = male NPT

Notes

* Flow range is from the minimum recommended differential pressure 24" to 500" W.C. (5.97 to 124.42 kPa)

See installation and operation manual (Flowset)

When ordering, please specify Venturi Number.

Bend Radius Specifications

| Hose I.D. | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|---------------------|------|--------|----|--------|--------|--------|
| Minimum Bend Radius | 2" | 2 1/2" | 3" | 4" | 6" | 8 1/2" |

Never use a bending radius less than the minimum amount shown above.

Options Available

AA Automatic Air Vent

AV Manual Air Vent

DX Dual XL Pressure/Temperature Test Ports

EH Extended Handle

HN Hose End Drain Valve with Cap

MH Micro Handle

PI Plastic ID Tag

PL Plug

PT Pressure/Temperature Test Ports

SE Stem Extender

XL Extended Pressure/Temperature Test Ports

Various convenience fittings are available.