



**Type: Manual**

**Configuration: 2 Way-Hard Pipe**

**Size: 1-1/2"**

**GPM: 9.9-98.4 (0.50-5.0 PSID)**

**Control Valve Type: Spring Return, Modulating or Floating**

**Standard Features:**

- Venturi Style Manual Balance Valve with Memory Stop and Pressure/Temperature Ports
- Ball Valve with Pressure/Temperature Ports and Union End
- FSWT Coil Fittings with Pressure/Temperature Ports
- Lever Handle
- Cv's: 14.0, 19.0, 44.0
- Package Shrink Wrapped on Skin Board \*

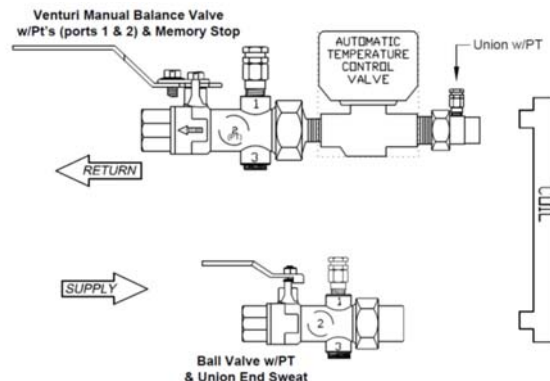
Max. ATC Flow (MAF) <sup>2</sup> : Calculated using valve Cv @ ΔP of 9		
On/Off-Spring Return: (PSI=Close off Pressure)		
Size	Max GPM	PSI
1/2"	3 / 7 / 10	50 / 30 / 20
3/4"	10 / 24 / 15 <sup>2</sup>	20 / 10 / 15 <sup>2</sup>
1"	24	10

**Options:**

- Manual Air Vent on Return Side Coil Connection
- Y-ball Strainer with Pressure/Temperature Port & Blowdown Valve w/Hose Connector (Replaces Ball Valve with Pressure Temperature Ports)
- Blowdown Valve with Hose Connector (Optional for Ball Valve)
- Extended Pressure/Temperature Ports
- Extended Lever Handles Only
- Short Handle Shown (Available in 1/2"-1" Only)
- Customer Supplied -Hays Installed ATC (Additional Charge) or Customer Supplied-Field Installed ATC
- **Hays Supplied & Installed ATC :**
  - 1) 2-Wire 24v, Normally Open-Normally Close
  - 2) 2-Wire 120v, Normally Open-Normally Close
  - 3) Modulating or Floating Control

<sup>2</sup> Max ATC Flow Data (MAF) is the maximum operable GPM of the Automatic Temperature Control Valve. If no MAF data is listed, the ATC is operable across the full range of the balancing valve.  
<sup>2</sup> = NC (Normally Closed)

Max. Recommended Flow (MRF): Calculated @ 7 ft/ sec.	
Size	GPM
1-1/2"	40
Noise Sensitive Applications (NSA) Calculated @ 4 ft/ sec.	
Size	GPM
1-1/2"	21



\* Hard Pipe & Flexible Packages up to 3/4" and Flex Packages using hose lengths up to 24" will be shrink wrapped on skin board. Other sizes are too large and heavy for the board.