

 <p>QuickSet®: Manual Balance Valve</p> <p>Optional Accessory Flange: Carbon Steel Spool with one or three ports for accessories (Up to 8" Size Only)</p> <p>Flanged Strainer and Butterfly: Y-Strainer & Butterfly Valve with PT & Drain Valve</p> <p>Flanged Tee with Optional Butterfly on Bypass: (Up to 8" Size Only)</p>	<p>LINE SIZE: (QuickSet and Strainer Size)</p> <input type="checkbox"/> 2-1/2" <input type="checkbox"/> 10" <input type="checkbox"/> 3" <input type="checkbox"/> 12" <input type="checkbox"/> 4" <input type="checkbox"/> 5" <input type="checkbox"/> 6" <input type="checkbox"/> 8"	<p>ATC SIZE:</p> <input type="checkbox"/> 2-1/2" <input type="checkbox"/> 6" <input type="checkbox"/> 3" <input type="checkbox"/> 8" <input type="checkbox"/> 4" <input type="checkbox"/> 10" <input type="checkbox"/> 5" <input type="checkbox"/> 12" <input type="checkbox"/> No ATC <p>REDUCER:</p> <input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>ACCESSORY FLANGE SIZE:</p> <input type="checkbox"/> Same as Line <input type="checkbox"/> Same as ATC (Up to 8" Size Only)	<p>ACCESSORY FLANGE PORT:</p> <input type="checkbox"/> One 1/4" NPT <input type="checkbox"/> Two 1/4" NPT and one 3/4" NPT
	<p>QUICKSET PORT:</p> <input type="checkbox"/> Two 1/4" PT Test Valves ¹ <input type="checkbox"/> Two 1/4" PT Test Valves NPT and additional ports for accessories (1/4", 1/2", and 3/4")	

SPECIFICATIONS

QuickSet®: Valve housing is carbon steel SA-53 Grade B with a carbon steel low loss venturi, Piezo-ring, and a butterfly valve outlet. Valve body has two ports with Pressure/Temperature (P/T) Test Valves. Additional ports are optional. Flanges are mechanically compatible with ANSI B16.5-1968 150lb steel flanges. PSI/Temp Rating: 200PSI/275°F

Butterfly Valve²: Butterfly has ductile iron body, aluminum-bronze disc, EPDM seals, and infinite adjustable plate to set valve. Shaft is 316/416 SS. 2-1/2"-6" 8"-12" have a wheel handle. PSI/Temp Rating: 200PSI/275°F

Flanged Strainer: Strainer housing is ductile iron with 304 SS screen. Flanges are mechanically compatible with ANSI B16.5-1968 150lb steel flanges. Includes four ports with one P/T Test Valve, two plugs, and one Ball Valve as a drain. PSI/Temp Rating: 232PSI/200°F

Accessory Flange (Optional)²: Housing is carbon steel SA-53 Grade B. Flanges are mechanically compatible with ANSI B16.5-1968 150lb steel flanges. Includes one port with P/T Test Valve OR three ports with one P/T Test Valve and two plugs (1/4" and 3/4") or Manual AirVent and Drain Valve. PSI/Temp Rating: 125PSI/250°F.

Reducer Flange (Optional when QuickSet or Tee is larger than Control Valve or Coil)²: Housing is carbon steel SA-53 Grade B. Flanges are mechanically compatible with ANSI B16.5-1968 150lb steel flanges. PSI/Temp Rating: 125PSI/250°F.

Flanged Tee²: Housing is Iron and flanges are mechanically compatible with ANSI B16.5-1968 150lb steel flanges. PSI/Temp Rating: 125PSI/250°F. Butterfly Valve on Bypass Port optional. (2-1/2" to 8" packages only)

ATC Control Valve: Supplied and installed by others.

NOTES

¹ All 4" Pressure/Temperature Test Valves are shipped loose to be installed in the field.

² Butterfly Valves are installed to mating product. All other flanged connections are shipped loose in the piping package kit for field installation. Bypass piping supplied in the field by others.

MODEL NUMBER SELECTION

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Select a Line Size (M=2.5", N=3", P=4", Q=5" R=6", S=8", T=10", U=12")	
Select QuickSet Style ("Y" for Standard QuickSet Valve, "B" for QuickSet with Accessory Ports)	
Select Control Valve Size ³ (0=No Control Valve, M=2.5", N=3", P=4", Q=5" R=6", S=8", T=10", U=12")	
Select QuickSet Reducer to Control Valve ⁴ (0=No Control Valve, 1=Griswold Controls supplied, 2=Customer supplied in field)	
Select Optional RETURN Side Accessory Flange Size ⁵ (0=None, 2=Line Size, 3=Control Valve Size)	
Select RETURN Side Accessory Flange Port Option (0=No Accessory Flange, A=One 1/4" NPT with PT, B=One 1/4" NPT with PT and two plugged ports, C=Two 1/4" NPT with PT and Manual Airvent and One 3/4" NPT with Ball Valve)	
Select SUPPLY Side Strainer Reducer to Coil Size ⁴ (0=None, 1=Griswold Controls supplied, 2=Customer supplied in field)	
Select Bypass on Tee (0=None, B=Line Size Butterfly) ⁶	

FLOW RATES (+/-1%⁷)

LINE SIZE	Cv QuickSet	Cv QuickSet with Accessory	GPM RANGE FOR 5-100" ⁸ W.C. ΔP (SET W/100" GAUGE)	GPM RANGE FOR 5-300" W.C. ΔP (SET W/300" GAUGE)	Turn Down Ratio
2-1/2"	135	134	19 – 87	19 – 151	7.9
3"	201	189	32 – 147	32 – 255	7.9
4"	417	387	58 – 260	58 – 451	7.8
5"	630	566	80 – 372	80 – 645	8.1
6"	980	782	140 – 624	140 – 1075	7.7
8"	1745	1561	260 – 1180	260 – 2045	7.8
10"	3201	3149	375 – 1610	375 – 2790	7.4
12"	4690	4232	600 – 2790	600 – 4820	8.0

NOTES

³ Control Valve Supplied and Installed by others.

⁴ Reducer available for one line size reduction 3" to 8" QuickSet or Strainer only.

⁵ Accessory Flange available up to 8" size only.

⁶ Tee and bypass available on 2-1/2" to 8" packages only.

⁷ Accuracy is for venturi portion of valve only. Pressure readability is dependent on accuracy of gauge and system pressure stability.

⁸ Not all gages/meters can accurately show a 5" signal. Readability is dependent on quality of the meter. Digital gages can read below 1".