



Model WS shown with standard Extended Pressure / Temperature Ports

### Product Information

**Body:** Fabricated steel  
**Flow Cartridge:** Stainless Steel Wear Surfaces with Stainless Steel Spring  
**Rating:** 225 psig at 250° F (15 Bar at 120° C)

Wafer-style AutoFlow regulator factory set to automatically limit the specified flow to within  $\pm 5$  percent over 95 percent of the control range. The number of flow cartridges required is determined by the gpm requested. The valve body is compatible with ANSI Class 150 flanges. Extended Pressure / Temperature Ports, drain plug, flange rods and nuts are standard. Options limited to quantity of three (2 at 12:00 and 1 at 6:00) and are shipped loose for field installation. Companion flanges and gaskets are not included.

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

### Dimensions

Model	Size in./ (mm)	A in./ (mm)	B in./ (mm)	C in./ (mm)	Weight lb. (kg)	Max. No. of Cartridges	Maximum gpm (lps)* Control Range psi (kPa)				
							2-32 (14-220)	5-60 (35-414)	3-20 (21-138)	5-40 (35-276)	7-45 (48-310)
WS1600(-)	16 (400)	20.0 (508)	16.2 (411)	17.2 (437)	347 (157)	23	3105 (196)	3910 (246)	4600 (290)	5750 (362)	6900 (435)
WS1800(-)	18 (450)	21.2 (539)	17.3 (439)	18.2 (463)	620 (281)	28	3780 (238)	4760 (300)	5600 (353)	7000 (441)	8400 (529)
WS2000(-)	20 (500)	23.6 (599)	19.3 (490)	20.4 (518)	690 (313)	32	4320 (272)	5440 (343)	6400 (403)	8000 (504)	9600 (605)
WS2400(-)	24 (600)	27.9 (709)	24.3 (617)	21.6 (549)	950 (431)	45	6075 (383)	7650 (482)	9000 (567)	11,250 (709)	13,500 (851)
WS3000(-)	Available upon request.										

### Notes

The (-) in the model number must be replaced by: 1: 2-32 (14-220); 2: 5-60 (35-414); 3: 3-20 (21-138); 4: 5-40 (35-276) or 5: 7-45 (48-310).

For pump head calculations, the following loss applies for each range: 4.6 ft. or 13.7 kPa (2-32); 11.6 ft. or 34.6 kPa (5-60); 6.9 ft. or 17.9 kPa (3-20); 11.6 ft. or 34.6 kPa (5-40); & 16.2 ft. or 48.4 kPa (7-45).

\*gpm increments are 5 gpm for 2-32 & 5-60, 10 gpm for 3-20 & 5-40 and 20 gpm for 7-45.

All weights and dimensions are subject to minor changes. Flange bolts & nuts not included in estimated weight.

Flange bolts furnished by Flow Design Inc.