

Powers #11 Type WM Regulator (1/2" to 2") Type IM Regulator (2 1/2" to 4")

Size 1/2" to 4"
Water Mix Three-Way
Bronze or Iron Body,
Bronze Trim

Application: The #11 Type WM/IM Regulator is typically used for domestic or process water tempering. It is also used for bypass control (in lieu of a diverting valve), but must be piped as a mixing valve (two inlets, one outlet).

(Maximum leakage @ closure is .01% of maximum flow)

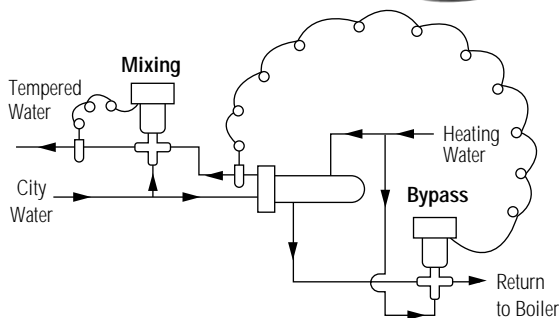


EPT Discs (1/2" to 2") assist shut-off

Lower guide stabilizes plug, assisting shut-off and modulation

EPT spring-loaded V-ring packing provides tight sealing and long life

Self-aligning plug assists tight shut-off



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Selection

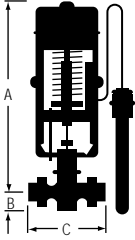
Refer to Load Calculations (#11 Regulator Sizing pdf file) to determine valve capacity required for your process.

Refer to Valve Sizing Charts (#11 Regulator Sizing pdf file) to select valve size matching your capacity requirements.

How to Order

Next refer to the product number guide (#11 How to Order...pdf file) to match your valve and thermal system selections and determine product number.

Type WM Dimensions

	Valve Style	Material and Connections	Valve Size	A in. (mm)	B in. (mm)	C in. (mm)	Shipping Weight lbs. (kg)
	Water Mix	Bronze body, screwed ends, Type WM		1/2"	14 1/8 (359)	1 3/4 (44)	2 1/8 (73)
3/4"				14 1/4 (362)	2 1/4 (57)	3 3/8 (86)	22 (10)
1"				14 3/8 (365)	2 1/2 (64)	3 7/8 (98)	23 (10.4)
1 1/4"				14 5/8 (371)	2 3/4 (70)	4 1/2 (114)	25 (11.3)
1 1/2"				14 7/8 (378)	3 (76)	5 1/8 (130)	28 (12.7)
2"				15 1/4 (387)	3 3/8 (86)	6 1/8 (156)	33 (15)
Iron body, flanged ends, Type IM			2 1/2"	15 3/4 (400)	7 1/16 (180)	9 (229)	67 (31)
			3"	16 1/2 (419)	7 15/16 (202)	10 (254)	86 (39)
			4"	17 7/8 (448)	9 7/8 (251)	13 (330)	139 (64)

Specifications

Body: 1/2" to 2" Bronze ANSI Class 125
2 1/2" to 4" Iron ANSI Class 125

Connections: 1/2" to 2" Screwed Ends, 2 1/2" to 4" Flanged

Trim: Bronze (1/2" to 2" with EPT discs)

Sizes	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
C_v Mixing	4.2	7.2	12.4	20.1	25.5	39.3	69	86	157
C_v Bottom Port (bypass)	2.2	6.0	8.9	15.8	17.9	30	82	120	190
C_v Top Port (bypass)	3.5	6.0	11.2	16.7	23.7	38	77	92	160
Max. ΔP (PSI/kPa)	25 (150)	25 (150)	25 (150)	25 (150)	25 (150)	25 (150)	25 (150)	25 (150)	25 (150)

POWERS

A unit of CRANE Co.

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3400 Oakton Street, Skokie, IL 60076 Phone: 847.673.6700 • Fax: 847.673.9044
4540 Dixie Road, Unit C, Mississauga, Ontario L4W 1N2, Canada • Phone: 905.238.4855 • Fax: 905.238.4858