Modular Regulators – FULL-SIZE Series

Port Sizes: 1/4, 3/8, 1/2, 3/4 – Flow to 155 scfm



Port Size	Model Number*					
	Pressure Range psig (bar)					
	0-50 (0-3.4)		0-125 (0-8.6)		0-175 (0-12.1)	
	NPTF Thread	G Thread	NPTF Thread	G Thread	NPTF Thread	G Thread
1/4	5212B2017	C5212B2017	5211B2017	C5211B2017	5213B2017	C5213B2017
3/8	5212B3017	C5212B3017	5211B3017	C5211B3017	5213B3017	C5213B3017
1/2	5212B4017	C5212B4017	5211B4017	C5211B4017	5213B4017	C5213B4017
3/4	5212B5027	C5212B5027	5211B5027	C5211B5027	5213B5027	C5213B5027

* Pressure Gauge included.
For models without a pressure gauge, add an "A" to the end of the model number, e.g., 5212B2017A.

REGULATORS with REVERSE FLOW

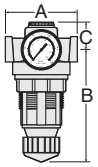
Port Size	Model Number*			
	Pressure Adjustment 0-125 (0-8.6)			
	Knob		T-Handle	
	NPT Thread	G Thread	NPT Thread	G Thread
1/4	5X00B2010	C5X00B2010	–	–
3/8	5X00B3004	C5X00B3004	5X00B3012	C5X00B3012
1/2	5X00B4004	C5X00B4004	5X00B4047	C5X00B4047
3/4	5X00B5034	C5X00B5034	5X00B5044	C5X00B5044

* Pressure Gauge included.
For models without a pressure gauge, add an "A" to the end of the model number, e.g., 5X00B2010A.

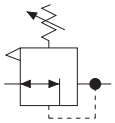
Port Size	Dimensions inches (mm)				Weight† lb (kg)
	A	B**	C***	Depth†	
1/4, 3/8, 1/2, 3/4	3.5 (89)	5.8 (146)	1.3 (33)	2.8 (71)	2.06 (0.92)

** Dome removal clearance: add 0.63 (16).
*** Cap removal clearance: add 0.5 (13).

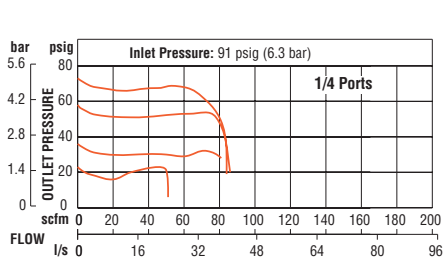
† Less gauge.

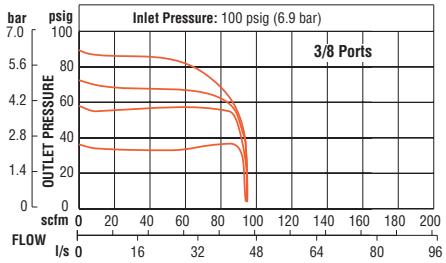


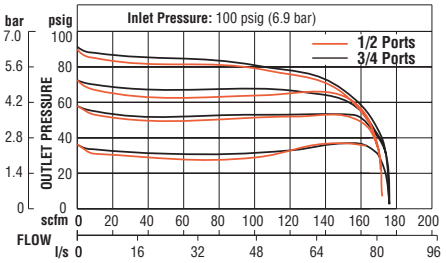
ISO Symbol Regulator
Self-Relieving



FLOW CHARTS







STANDARD SPECIFICATIONS

Construction Design	Diaphragm	Self-relieving. For non-relieving option consult ROSS.
Temperature	Ambient	40° to 175°F (4° to 79°C)
	Media	
Fluid Media	Compressed air	
Operating Pressure	Inlet	Maximum 300 psig (21 bar)
	Outlet	Adjustable up to 175 psig (12 bar); optional adjusting springs.
Optional Pressure Adjustment	Locking Key	Removable
Pressure Gauge	0-200 psig (0-14 bar); 1/4-NPT gauge ports front and rear	
Panel Mounting	2-1/16 inch (52 mm) hole required	
Construction Material	Body	Zinc
	Dome	Nylon; aluminum with optional 0 to 175 psig (0 to 12 bar) spring
	Knob	Acetal
	Seals	Nitrile
	Valve	Brass
	Valve Cap	Nylon

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