



Medium Pressure BPRs

Improve Finishing Process Control

Consistent fluid control is crucial to guaranteeing quality from any finishing process.

Graco back pressure regulators (BPRs) maintain upstream fluid pressure, regardless of flow demand. This allows operators to trigger guns, valves and other flow controls without affecting system pressure.

Medium pressure options include three pneumatic (1000 psi, 2000 psi, 3000 psi) BPRs and one mechanical (3000 psi) BPR.

If your goal is to improve finishing process control, you will benefit from the pneumatic models' ability to:

- Interface with the Graco's Intelligent Paint Kitchen (IPK), controlling pressure and flow without human intervention
- Offer better resolution than other brands, adjusting more accurately to keep fluid pressure at desired levels

If you simply need to improve fluid control without having to add a compressed air line, you will benefit from the mechanical model's easy installation and spring operation.



25T477/25T478



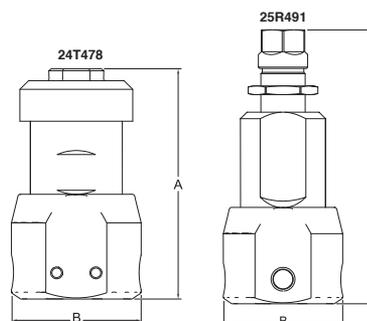
25R490



25R491

Dimensions

Part Number	Inlet	A	B
25T478	Air Operated Type	4.84 in. (123 mm)	2.38 in. (60 mm)
25T477	Air Operated Type	4.84 in. (123 mm)	2.38 in. (60 mm)
25R490	Air Operated Type	4.84 in. (123 mm)	2.38 in. (60 mm)
25R491	Mechanical	6.25 in. (159 mm)	2.38 in. (60 mm)



Ordering Information

Part Number	Type	Maximum Pressure	Regulated Pressure	Flow Rate	Maximum Air Pressure	Inlet/Outlet Size	Wet Parts
25T478	Pneumatic	3,000 psi	100 – 1,000 psi	0 – 5 gpm	100 psi	3/8 in. npt	Stainless Steel, Tungsten Carbide, PTFE, Acetal Homopolymer
25T477	Pneumatic	3,000 psi	250 – 2,000 psi	0 – 5 gpm	100 psi	3/8 in. npt	
25R490	Pneumatic	3,000 psi	250 – 3,000 psi	0 – 5 gpm	100 psi	3/8 in. npt	
25R491	Mechanical	3,000 psi	250 – 3,000 psi	0 – 5 gpm	100 psi	3/8 in. npt	

Accessories

Part Number	Type	Inlet	Maximum WPR			Wetted Parts	Case Description	Case & Dial Diameter (in/mm)	Mount Style
			psi	bar	MPa				
105770	Stainless Steel Gauges	1/4 in. npt(m)	1,000	69	6.9	Brass	SST liquid filled	2.5 (64)	Bottom
17L706	Stainless Steel Gauges	1/4 in. npt(m)	3,000	200	20	SST	SST liquid filled	2.5 (64)	Bottom

For installation and operation instructions, use manual [3A7681](#).

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.

877.84GRACO (1-877-844-7226) or visit us at www.graco.com/finishing.

