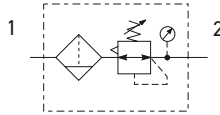


P31, P32, P33 SERIES

Standard Filter / Regulators

P33 Filter / Regulators – Standard

- Integral 1/2" or 3/4" ports (NPT & BSPP)
- High efficiency 5 micron element as standard
- Excellent water removal efficiency
- Robust but lightweight aluminum construction
- Positive bayonet latch to ensure correct & safe fitting
- Secondary pressure ranges
- Secondary aspiration plus balanced poppet provides quick response and accurate pressure regulation



Port Size	Description (relieving)	Bowl / Drain Type †	Part Number
1/2"	125 psig (8 bar)	Poly / Manual	P33EA14EGMBNGP
1/2"	125 psig (8 bar)	Poly / Auto	P33EA14EGABNGP
1/2"	125 psig (8 bar)	Metal / Manual	P33EA14ESMBNGP
1/2"	125 psig (8 bar)	Metal / Auto	P33EA14ESABNGP
3/4"	125 psig (8 bar)	Poly / Manual	P33EA16EGMBNGP
3/4"	125 psig (8 bar)	Poly / Auto	P33EA16EGABNGP
3/4"	125 psig (8 bar)	Metal / Manual	P33EA16ESMBNGP
3/4"	125 psig (8 bar)	Metal / Auto	P33EA16ESABNGP

† For polycarbonate bowl, see caution in Engineering Section A.



Operating Information

Flow capacity*:	1/2	200 scfm (94 dm³/s, ANR)
	3/4	235 scfm (109 dm³/s, ANR)
Operating temperature:		
Plastic bowl		-13°F to 125°F (-25°C to 52°C)
Metal bowl		-13°F to 150°F (-25°C to 65.5°C)
Supply pressure (max):		
Plastic bowl		150 psig (10 bar)
Metal bowl		250 psig (17 bar)
Standard filtration:		5 micron
Useful retention†:		2.8 US oz. (85 cm³)
Adjusting range pressure:		0 to 30 psig (0 to 2 bar) 0 to 60 psig (0 to 4 bar) 0 to 125 psig (0 to 8 bar) 0 to 250 psig (0 to 17 bar)
Gauge port (2 each):		1/4 NPT, BSPP, BSPT
Weight:		1.87 lb. (0.85 kg)

* Inlet pressure 145 psig (10 bar). Secondary pressure 91.3 psig (6.3 bar) and 14.5 psig (1 bar) pressure drop.

† Useful retention refers to volume below the quiet zone baffle.

Ordering Information:

P33EA	1	6	E	G	M	B	N	G	P
Basic Series	Thread Type	Element				Adjustment			Mounting
Global Modular Standard Filter / Regulator	BSPP 1 NPT 9	5µ Element E				N Non-Rising Knob			p Plastic Panel Mount Nut
	Port Size					Relief		Adjustment Range	
	1/2 4 3/4 6					B Relieving N Non-Relieving		With Round Gauge	
		Bowl Type			Drain Type			Z 30 psig; 2 bar; 0.2 MPa M 60 psig; 4 bar; 0.4 MPa G 125 psig; 8 bar; 0.8 MPa J § 250 psig; 17 bar; 1.7 MPa	
		Poly Bowl with Bowl Guard G Metal Bowl without Sight Gauge M Metal Bowl with Sight Gauge S			Manual Drain M Auto Drain A			Without Gauge	
								Y 30 psig; 2 bar; 0.2 MPa L 60 psig; 4 bar; 0.4 MPa N 125 psig; 8 bar; 0.8 MPa H § 250 psig; 17 bar; 1.7 MPa	

§ Not available with poly bowl with bowl guard.

Most Popular