



Newdeal FILTER REGULATOR

Highly reliable piston-operated filter regulator.

- Stability of the set pressure as the upstream pressure varies
- Standard overpressure blow-off valve
- Can be fixed to the wall using the holes in the sides of the body
- Metal bowl with external viewing
- Manual/semi-auto or automatic condensate drainage



TECHNICAL DATA	FR ND 1/4	FR ND 3/8"	FR ND 1/2"
Threaded port	1/4"	3/8"	1/2"
Setting range	0 to 8 - 0 to 12 bar		
Degree of filtration	4µm 20µm 50µm		
Max. inlet pressure	MPa		
	bar		
	psi		
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi) ΔP 0,5 bar (0,05 MPa ÷ 7 psi)	NI/min		1000
	scfm		35.5
Flow rate at 6.3 bar (0.63 MPa ÷ 91 psi) ΔP 1 bar (0.1 MPa ÷ 14 psi)	NI/min		2500
	scfm		88.5
Fluid	Compressed air		
Max temperature at 1 MPa; 10 bar; 145 psi	°C		
	°F		
Weight	0.5	1	
Wall fixing screws	M4x40	M4x55	
Mounting position	Vertical		
Gauge port	G 1/8"	G 1/8"	
Bowl capacity	10	45	
Condensate drain	Manual - Semi-automatic (RMSA) / Automatic (SAC or RA)		
Notes:	The regulator pressure must always be set upwards.		
	The maximum inlet pressure for the version with RA automatic condensate drainage must not exceed 10 bar.		

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COMPONENTS

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|-----------------------------|------------------------------------|
| ① Zamak body | ⑩ Valve with NBR vulcanized gasket |
| ② Aluminium bowl | ⑪ Steel adjusting spring |
| ③ Technopolymer bell | ⑫ NBR lip seal |
| ④ Technopolymer knob | ⑬ NBR relieving seal |
| ⑤ Technopolymer piston rod | ⑭ Steel valve compression spring |
| ⑥ Technopolymer plug | ⑮ Sintered bronze filter cartridge |
| ⑦ Technopolymer centrifuge | ⑯ NBR gaskets |
| ⑧ Technopolymer baffle plug | |
| ⑨ Technopolymer screen | |
| ⑩ Technopolymer bowl | |
| ⑪ Drain (RMSA) | |
| ⑫ OT 58 adjustind screw | |
| ⑬ OT 58 brass nut | |
| ⑭ Technopolymer ring nut | |
| ⑮ OT58 brass rod | |



