

Filter Advantage 200 P3

Technical Datasheet

Description			
Name	Advantage 200 P3		
Part Number	430375		
Marking according to EN	P3 R		
Conditions of use	• against non-volatile liquid and solid particles		
Colour code	white		
Characteristics			
Weight (g)	23		
Diameter (mm)	69		
Height incl. thread (mm)	27		
Connection	particle filter with bayonet for paired use		
Breathing Resistance			
		EN 14387 requirements	Typical values
	at 15 l/min *	max.120 Pa	60 - 70 Pa
	at 47,5 l/min *	max.420 Pa	190 - 220 Pa
Concentration of Testing Gases			
Performances			
Filter type and class	Gases of reference	EN 14387 requirements	Typical values
P3	Sodium chloride (NaCl)	max. 0,05%	< 0,009 %
	Paraffin oil	max. 0,05%	< 0,004 %
R	Reusable according EN 143:2000/A1:2006		
D	Dolomite clogging test & marking according to EN 143:2000/A1:2006 and EN 14387		
Clogging	At a concentration of 400+100 mg / m2 dolomite dust is loaded until the product of dust concentration and duration is 263 mg x h / m2. (loading value)		
Requirements:	The particle filter is not allowed to exceed the pressure difference of 700 Pa after the loading. (test flow rate 47,5 l/min)		
Filter typical values:	< 300 Pa		
Material			
Housing	plastics		
Cover (particle filter)	plastics		
Filtering material	fiber glass paper		
Details/Special Information			
Storage conditions & time	Factory sealed	- 5 °C to + 50°C, < 90 % r. h.	10 years
* Note: Test flow condition of EN 14387	When one filter of a multiple filter device is tested separately, the air flow specified for a test shall be divided by the number of filters through which the air flow is proportioned. 30 l/min : 2 filters = 15 l/min per filter 95 l/min : 2 filters = 47,5 l/min per filter The applicable performance requirements must be carried out at halved volume flow.		