

TECHNICAL DATASHEET

PRO 2000 CF32 ABEK2P3 COMBINED FILTER



Description

Part Number	5042799
Shelf Life	4 years factory sealed
Package	20
Storage Conditions	-10 °C to + 50 °C, <75% RH (factory sealed)
Diameter	110mm
Height	105mm
Weight	374g
Connection	40 mm thread
Body Material	Polypropylene, reinforced

Approval

EN143, EN14387, EN12941, & EN12942

Pro 2000 CF32 ABEK2P3 Combined Filter protects against:

A	A = Gases and vapours from organic compounds with a boiling point above 65°C
B	B = Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide
E	E = Acid gases and vapours, e.g. sulphur dioxide
K	K = Ammonia and organic ammonia derivatives
P3	P3 = Solid and liquid particles, toxic and radioactive particles, micro-organisms (e.g. bacteria and viruses). And enzymes
R	R = Reusable
D	D = Dolomite, continued performance after test clogging

Technical Data

	PRO 2000 CF32 ABEK2P3	EN14387 Requirements
BREATHING RESISTANCE		
30 l/m	1.3 mbar	Max 2.6 mbar
95 l/m	4.8 mbar	Max 9.8 mbar
GAS FILTER CAPACITY WITH TEST GAS @ 30 L/M		
Cyclohexan C ₆ H ₁₂ (0.5 vol.-%)	46 min	Min. 35 mins
Chlorine Cl ₂ (0.5 vol.-%)	53 min	Min 20 mins
Hydrogen sulphide H ₂ S (0.5 vol.-%)	75 min	Min 40 min
Hydrogen cyanide HCN (0.5 vol.-%)	>46 min	Min 25 min
Sulphur dioxide SO ₂ (0.5 vol.-%)	25 min	Min 20 min
Ammonia NH ₃ (0.5 vol.-%)	52 min	Min 40 min
PARTICLE FILTER EFFICIENCY @ 95 L/MIN		
Sodium chloride NaCl (S)	0.04%	Max 0.05%
Paraffin oil (L)	0.007%	Max 0.05%

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PRO 2000 CF22 A2B2E1P3

EN14387 Requirements

GAS FILTER CAPACITY WITH TEST GAS @ 60 L/M (TESTING FOR 120 L/M PAPR)

Cyclohexane C ₆ H ₁₂ (0.1 vol.-%)	83 min	Min 70 min
Chlorine Cl ₂ (0.1 vol.-%)	>30 min	Min 20 min
Hydrogen sulphide H ₂ S (0.1 vol.-%)	min	Min 40 min
Hydrogen cyanide HCN (0.1 vol.-%)	min	Min 25 min
Sulphur dioxide SO ₂ (0.05 vol.-%)	min	Min 20 min
Ammonia NH ₃ (0.1 vol.-%)	min	Min 50 min

GAS FILTER CAPACITY WITH TEST GAS @ 60 L/M (TESTING FOR 120 L/M PAPR)

Cyclohexane C ₆ H ₁₂ (0.1 vol.-%)	min	Min 70 min
Chlorine Cl ₂ (0.1 vol.-%)	min	Min 20 min
Hydrogen sulphide H ₂ S (0.1 vol.-%)	min	Min 40 min
Hydrogen cyanide HCN (0.1 vol.-%)	min	Min 25 min
Sulphur dioxide SO ₂ (0.05 vol.-%)	min	Min 20 min
Ammonia NH ₃ (0.1 vol.-%)	min	Min 50 min