

P filter systems

P120/350

Category/unit	Value
Medium	Air, nitrogen, helium
Operating pressure [bar]	90-350
Flow rate [l/min]	max. 2200
Adsorbable volume of water (cartridge combination: drying/deoiling with SECURUS) [g]	1618
Volume of air that can be prepared during drying, referred to 1 bar abs., 30°C ^{a)} , at 200 bar (cartridge combination: drying/deoiling with SECURUS) [m ³]	10645
Gas volume that can be prepared for deoiling (cartridge combination: deoiling/drying without SECURUS) [m ³]	40960
Min./max. permissible operating temperature (medium and surroundings) [°C]	+5 ... +50
Residual water content [mg/m ³]	< 10
Residual oil content (droplets, aerosols and vapours) [mg/m ³]	< 0.1
Residual CO content ppm _v ^{b)}	< 5 ^{c)}
Length [mm]	1080
Depth [mm]	260
Height [mm]	1000
Weight [kg]	133/145 ^{d)}

a) Reference temperature is the inlet temperature at the oil and water separator

b) CO removal is only possible with air as the medium.

c) when using filter cartridges with CO removal and a maximum CO concentration of 25 ppm_v in the intake area of the compressor. When using cartridges without CO removal, the CO content in the compressed air corresponds to the CO content in the air in the intake area of the compressor.

d) Version with CO removal