



Filter housing APF83CAK

Design / capacity		
Connection	Rp 3/4" female thread	
Nominal capacity	60 m³/h with APE78CAK at 1 bar (abs.) and 20°C at 7 bar g	
Maximum capacity	126 m³/h with APE78CAK at 1 bar (abs.) and 20°C at 16 bar g	
Maximum working pressure	16 bar g	
Material	Aluminium	
Operating temperature maximum	120 °C	
Coating inside / outside	Corrosion protection layer	
Colour outside	RAL 5010 (powder coated)	
Fixing element	Wing suspension	
Condensate drainage connection	Rp 1/2" female thread	
Dimensions in mm	A	328
[Dimension drawing on the last page]	B	23
	C	104
	D	98
Weight (incl. element and drainage)	1,9 kg	
CE norm	CE free according 2014/68/EU	

Scope of supply	
Housing	APF83CAK
Filter element	APE78CAK
Condensate drainage	HAM12

Options	
Oil indicator	A-4000-120F
Filter connection sets for 2 - 3 filters	APF-VEE-(2/3)-M
Wall mounting brackets, including filter connecting kit	APF-WHE-(1/2/3)-M

Capacity filter element APE78CAK

Type	Particle filtration	Residual oil content	Operation temperature [°C]		Differential pressure [mbar]			ISO classes*	
	[Mikron]	[mg/m³]	max	recommended	new	moistened	replacement	particle	oil
APE78CAK	1,00	0	50	25	250	-	every 12 months	2	-

Compressed air quality according ISO 8573-1:2010*

Correction factors																
Working pressure	bar g	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Coefficient	0,38	0,50	0,63	0,75	0,88	1,00	1,12	1,25	1,37	1,49	1,62	1,74	1,86	1,98	2,10

Multiply the capacity of the filter by the correction factor in the upper table.

Aufbau

Flow direction	from the inside to the outside
Material end caps	Glass-fibre reinforced nylon (30%)
Support body inside and outside	acrylic tube
Filtration medium	Activated carbon
Pre / Final filtration	-
Bonding end caps	Two-part epoxy resin
Material o-ring	NBR
Distinctive characteristics	Technically silicone-free
Cavity volume at 20°C	96%

Dimensional drawing

