



Filter housing GTF8o

Design / capacity	
Connection	Rp 3/4" female thread
Nominal capacity	120 m³/h with GTE5111at 1 bar (abs.) and 20°C at 7 bar g
Maximum capacity	252 m³/h with GTE5111 at 1 bar (abs.) and 20°C at 16 bar g
Maximum working pressure	16bar g
Material	Aluminum
Operating temperature maximum	80°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 251
[Dimension drawing on the last page]	B 21
	C 90
Weight in Kg	1,1
CE norm	CE free according 2014/68/EU

Scope of supply	
Housing	GTF8o
Filter element	GTE5111
Types of condensate drainage:	
SMA - MF1 - MFO - FF5 - VF25	D150
DSF - DF1 - DMF, CA	HAM12

Options	
Differential pressure gauge	DPN
Level-controlled condensate drain	KN1
Level-controlled condensate drain	KN5
Filter connection sets for 2 - 4 filters	VEE
Wall mounting brackets, including filter connecting kit	WHE

Capacity filter elements GTE5111

Type	Particle filtration [micron]	Residual oil content [mg/m³]	Working temperature [°C]		Differential pressure [mbar]			ISO classes	
			maximum	recommended	new	moistened	Replace at	Particle	oil
GTE5111CA	-	0,003	30	-	75	-	semi-annual	-	1
GTE5111DF1	0,1	-	120	50	85	-	400	2	-
GTE5111DMF	1	-	120	50	75	-	400	2	-
GTE5111DSF	0,01	-	120	50	100	-	400	1	-
GTE5111FF5	5	5	120	-	40	75	400	3	4
GTE5111MF1	0,1	0,1	120	50	85	185	400	1	2
GTE5111MFO	1	0,5	120	50	75	150	400	2	2
GTE5111SMA	0,01	0,01	120	50	100	240	400	1	1
GTE5111VF25	25	10	120	-	30	50	400	5	5



Filter elements GTE5111 SMA - MF1 - MFO - FF5 - VF25

Design	
Flow through	From the inside out
Material end caps	Glass-fibre reinforced nylon (30%) - (temperature resistant up to 120°C)
Support body inside and outside	High-grade steel
Filtration medium	Borosilicate microfiber fabric
Pre- and afterfiltration	Fibrous fleece
Drainage layer	Polyester needle felt
Bonding end caps	Two-component polyurethane resin
Material o-ring	NBR
Distinctive characteristics	Technically silicone-free
Cavity volume at 20°C	96%

Filter elements GTE5111 CA

Design	
Flow through	From the inside out
Material end caps	Glass-fibre reinforced nylon (30%) - (temperature resistant up to 120°C)
Support body inside and outside	Stainless steel
Filtration medium	Non-woven medium, activated carbon impregnated
Afterfiltration	Fibrous fleece
Bonding end caps	Two-component polyurethane resin
Material o-ring	NBR
Distinctive characteristics	Technically silicone-free
Cavity volume at 20°C	96%

Filter elements GTE5111 DSF - DF1 - DMF (dust filtration)

Design	
Flow through	From the outside in
Material end caps	Glass-fibre reinforced nylon (30%) - (temperature resistant up to 120°C)
Support body inside and outside	Stainless steel
Filtration medium	Borosilicate microfiber fabric
Pre- and afterfiltration	Fibrous fleece
Bonding end caps	Two-component polyurethane resin
Material o-ring	NBR
Distinctive characteristics	Technically silicone-free
Cavity volume at 20°C	96%

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.

Dimensional drawing

