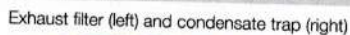


For TRIVAC E, B and BCS

Exhaust Filters AF 8 to AF 25
Condensate Traps AK 8 to AK 25



Oil mists and aerosols are retained in the exhaust filter.

- Filtering of the exhaust gas by removal of entrained lubricant particles
- Emptying via drain screw or exhaust filter drain tap
- Separation efficiency > 99%
- Filter elements (made of glass fiber) are exchangeable

Condensate traps prevent the formation of condensate in the pump as well as the backstreaming of fluids.

- Can be connected to either the intake or the exhaust side
- Protects against condensate forming from sucked in vapors or gases (intake line)
- Protects against backstreaming liquids (exhaust line)
- Emptying via drain screw/drain tap

The exhaust filter is not capable of retaining toxic and/or aggressive gases. For such applications we recommend the use of an exhaust gas line (e.g. a gas washer).

Since the material is not resistant to all gases and solvents, a materials compatibility chart is available upon request.

Technical drawing of a spherical valve. The drawing shows a cross-section of the valve with a central spherical body and two side ports. The overall width of the valve is labeled b . The width of the central spherical body is labeled b_1 . The diameter of the spherical body is labeled \varnothing .

Dimensional drawing for the AF exhaust filter and AK condensate trap

1.9 Teh. spec. + 2.10 Teh. spec.

Technical Data

AF 8 AK 8 AF 10 AK 10 AF 16 AK 16 AF 25 AK 25

Connection to pump (required accessories for TRIVAC E: elbow)	TRIVAC	D 2,5 E D 4 B D 8 B	D 2,5 E D 4 B D 8 B	D 16 B	D 16 B	D 16 B	D 16 B	D 16 B D 25 B	D 16 B D 25 B
Connection flanges	DN	16 KF	16 KF	25 KF	25 KF	25 KF	25 KF	25 KF	25 KF
Max. filling level (for vertical installation)	ml	60	60	145	145	285	285	285	285
Permissible leak rate	mbar x l/s	$\leq 1 \times 10^{-5}$	$\leq 1 \times 10^{-5}$	$\leq 1 \times 10^{-5}$	$\leq 1 \times 10^{-5}$	$\leq 1 \times 10^{-5}$	$\leq 1 \times 10^{-5}$	$\leq 1 \times 10^{-5}$	$\leq 1 \times 10^{-5}$
Max. continuous temperature	°C (°F)	90 (194)	90 (194)	90 (194)	90 (194)	90 (194)	90 (194)	90 (194)	90 (194)
Material		Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6	Polyamide 6

Ordering Information

AF 8 AK 8 AF 10 AK 10 AF 16 AK 16 AF 25 AK 25

	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
Exhaust filter	190 50	-	190 51	-	190 52	-	190 53	-
Exhaust filter drain tap	190 95	190 95	190 95	190 95	190 95	190 95	190 95	190 95
Condensate trap	-	190 60	-	190 61	-	190 62	-	190 63
Replacement filter element (pack of 5)								
FE 8	ES 190 80	-	-	-	-	-	-	-
FE 10	-	-	ES 190 81	-	-	-	-	-
FE 16	-	-	-	-	ES 190 82	-	-	-
FE 25	-	-	-	-	-	-	ES 190 83	-
Reducer DN 25/16 KF ¹⁾ Aluminium (if necessary)	183 86	183 86	183 86	183 86	183 86	183 86	183 86	183 86
Elbow (1x) Aluminium	184 36	184 36	184 37	184 37	184 37	184 37	184 37	184 37
Centering ring with O-ring (2x) Aluminium / NBR	183 26	183 26	183 27	183 27	183 27	183 27	183 27	183 27
Stainless steel / FPM (FKM)	883 46	883 46	883 47	883 47	883 47	883 47	883 47	883 47
Clamping ring (2x)	183 41	183 41	183 42	183 42	183 42	183 42	183 42	183 42

¹⁾ When using the reducer, an elbow is required