

Products

Condensate Separators AK 4-8, AK 16-25, AK 40-65

Accessories for TRIVAC B rotary vane vacuum pumps



Advantages to the User

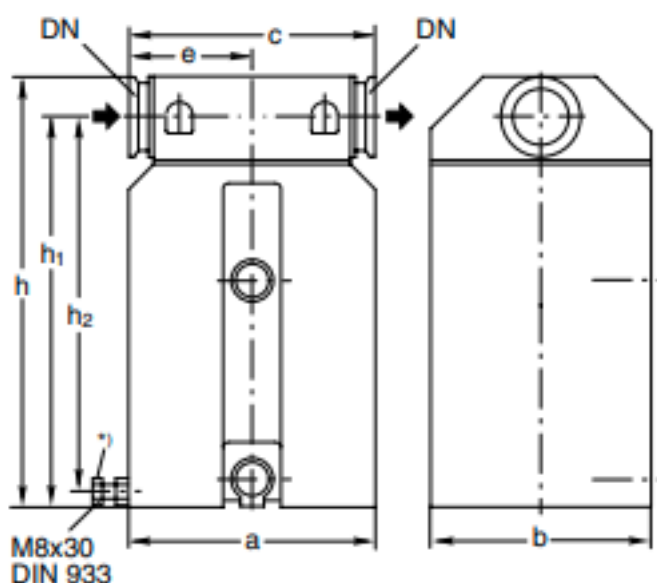
- May be installed without accessories
- May be used either on the intake or the exhaust side
- Independent of the direction of flow
- Condensate level check via inspection glass
- Resists solvents
- All seals made of FPM
- Simple to clean
- Easy to use
- Drained via drain screw or drain tap

Typical Application

- Prevention of the collection of liquids in the intake line

Technical Information

Depending upon the layout and pipe run of an exhaust line, it may be necessary to install a separator to prevent condensate draining back to the pump.



Type	DN		a	b	c	e	h	h ₁	h ₂
AK 4-8	16 KF	mm	90	90	120	60	194	178	–
		in.	3.54	3.54	4.72	2.36	7.64	7.01	–
AK 16-25	25 KF	mm	110	125	142	71	214	193	–
		in.	4.33	4.92	5.59	2.80	8.43	7.60	–
AK 40-65	40 KF	mm	140	156	170	85	300	271	261
		in.	5.51	6.14	6.69	3.35	11.8	10.7	10.3

* Supporting screw, only for AK 40-65

Dimensions

Type	DN	a	b	c	e	h	h1	h2
AK 4-8	16 KF	90	90	120	60	194	178	-
		3.54 in.	3.54 in.	4.72 in.	2.36 in.	7.64 in.	7.01 in.	-
AK 16-25	25 KF	110	125	142	71	214	193	-
		4.33 in.	4.92 in.	5.59 in.	2.80 in.	8.43 in.	7.60 in.	-
AK 40-65	40 KF	140	156	170	85	300	271	261
		5.51 in.	6.14 in.	6.69 in.	3.35 in.	11.8 in.	10.7 in.	10.3 in.

Dimensions are in mm unless otherwise noted. Supporting screw only for AK 40-65.

Technical Data

	AK 4-8	AK 16-25	AK 40-65
Connection to pump TRIVAC	D 4 B D 8 B	D 16 B/BCS (-PFPE) D 25 B/BCS (-PFPE)	D 40 B/BCS (-PFPE) D 65 B/BCS (-PFPE)
Capacity for condensate l (qt)	0.66 (0.7)	1.2 (1.3)	3.0 (3.2)
Weight kg (lbs)	1.7 (3.7)	2.4 (5.3)	5.5 (12.1)

Ordering Information

	AK 4-8	AK 16-25	AK 40-65
Condensate separator	Part No. 188 06	Part No. 188 11	Part No. 188 16
Oil drain tap M 16 x 1.5 (vacuum-tight)	Part No. 190 90	Part No. 190 90	Part No. 190 90
Adaptor DN 16 KF - hose nozzle DN 7	Part No. 182 90	-	-

Reformatted from supplied Leybold catalog content; technical values and part numbers retained from source.