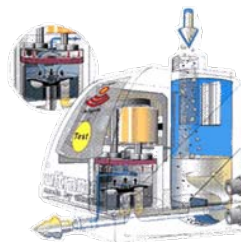


Especially in small installations is definitely a need for drains working without air loss. Everywhere: from compressor, air receivers, filters, dryers. Float or time-controlled drains may stick, are sensitive to particles and cause malfunctions. Or they open too early and too long thus causing high losses of your most expensive and most valuable energy: compressed air. The STENOMAT drains condensate automatically, reliable and economically, without losses of compressed air.



STENOMAT. This means compact dimensions, well estimated details for compressor stations up to 100 m³/min. Sensors without moving parts. Safe function without sticking or blocking means safe working without air loss

Condensate entry from the top. Installation without additional fittings under filter housings or air receivers.

Condensate entry from the rear side. Means installation in narrow spaces on ground level.

Cable at the rear side and sloped display. Easy reading from every position. Sophisticated electronic control. A continuously self-monitoring electronic, a potential free malfunction contact and automatic routines ensure long-term reliable function.

Whilst collecting the condensate the diaphragm is closed by the system pressure. As soon as the sensor detects liquid – either oil or water – the magnet pulls the anchor plate. The chamber above the diaphragm deflates, the condensate is driven out by the system-pressure. As soon as the magnet releases, the drain closes.

Type STENOMAT	Capacity of compressor			Temperatures		Operating pressure (bar)	Weight kg	Power supply V/Hz	Connections (BSP) Top entry /Rear entry
	m3/min.	m3/h	kW	Con- densate	Ambient between				
1	5	300	40	60	1 - 60	0,8 - 16	0,9	4 Vac - 230 V	3/4" / -
10	10	600	65	60	1 - 60	0,8 - 16	1,1	4 Vac - 230 V	3/4" / 1/2"
100	100	6000	650	60	1 - 60	0,8 - 16	2,6	4 Vac - 230 V	1" / 1"
20	20	1200	300	60	1 - 60	0,8 - 40	2,6	4 Vac - 230 V	1" / 1"
10 EX	10	600	65	60	1 - 60	0,8 - 64	1,2	4 Vac - 230 V	3/4" / 1/2"
100 EX	100	6000	650	60	1 - 60	0,8 - 64	2,7	4 Vac - 230 V	1" / 1"



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lifting the level

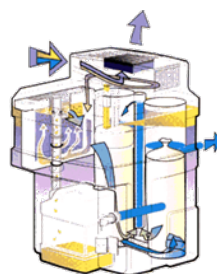
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specifications which are subject to
alteration

Separators for the purification of compressed air condensate

Whilst using a drain, oil condensate is separated. So far, so good. But anyone who tries to skimp on the next stage will pay for it, because condensate consists of approximately 97% water – but only 3% contaminant. So anyone who employs a specialist company for the disposal is throwing away money straight out of the window. What could be more logical than to use a reliable, in-house processing system. Its name: STENOSEP.



A pressure-relief chamber separates condensate and expanding air. The condensate then passes a sedimentation compartment – easy to remove thus easy to clean. The next step is coalescing foam with its additional oil separation effect. Free floating oil is siphoned off into an oil can. The water is purified in the activated carbon adsorber from the last oil droplets. Pure water leaves the unit ready to be drained.

The range of STENOSEP: 7 sizes – the smallest up to 120 m³/h – the biggest up to 7,200 m³/h to allow perfect match to your compressor room. Best match, best company for your benefit.



Type STENOSEP	Compressor capacity		kW	Con- nection	Dimensions in mm			Volume	Pre- adsorber	Eff. Activated carbon volume
	m ³ / min.	m ³ /h			Height	Width	Depth			
5	2	120	11	1/2"	585	400	395	25	1,5	4
10	4,17	250	22	1"	655	430	440	50	3	8
15	7,5	450	45	1"	725	460	477	75	3	12
30	15	900	90	1"	840	510	665	150	5	22
60	30	1800	200	1"	961	650	775	300	5	30
120	60	3600	315	1"	961	650	1750	600	10	60
240	120	7200	710	1"	961	650	3700	1200	20	120



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