

drukomat

Oil-Water-Separators for Compressed Air Condensate



8 models

for compressor-capacity up to 70m³/min (2500cfm)

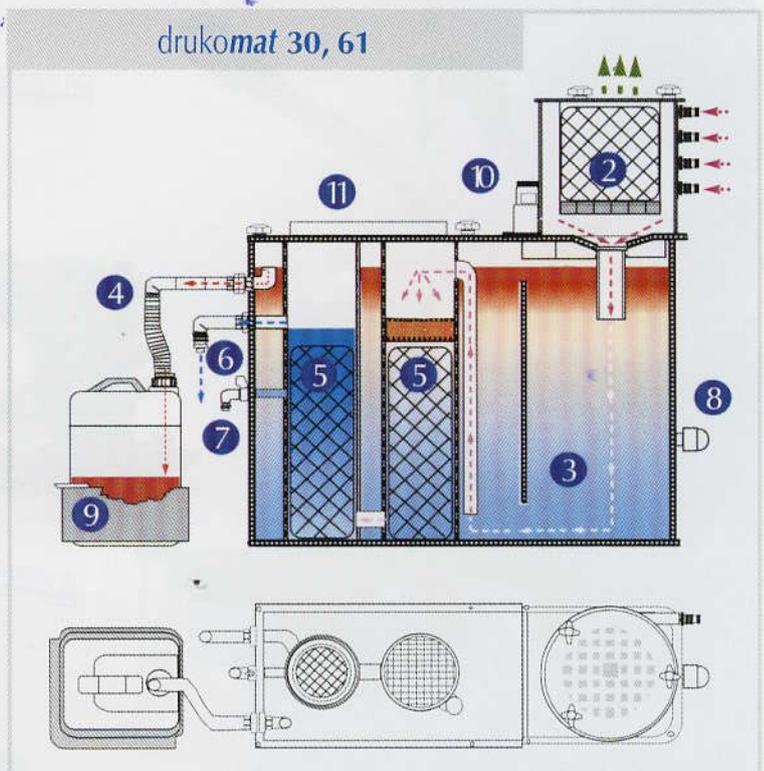
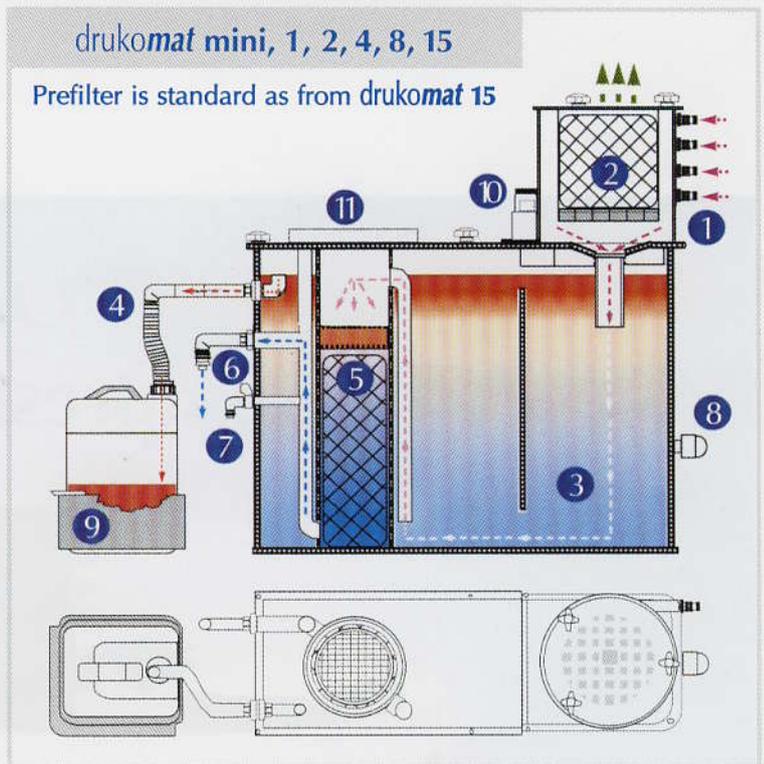


Dr. Ing. h.c. F. Porsche AG

TECHN

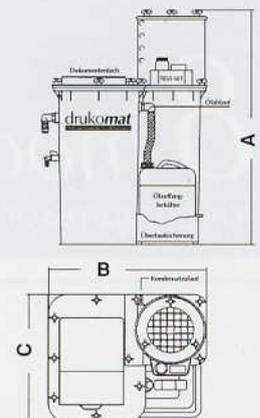
FUNCTIONS

- 1** **Condensate feed is possible both under pressure and pressure-less**
The condensate is feed from the compressor, or the tank, or the dryer if possible with pressure.
(4 connections 1/2 inch)
- 2** **Chamber for expansion and de-airation with filter from activated charcoal to filter the exhaust air**
This expansion and de-airation chamber assures a calm surface in the separator, even if the condensate is fed under pressure. The activated charcoal filter eliminates the oil from exhaust air.
- 3** **Settling and Flotation Chamber**
This is where the mechanical separation of oil from water takes place.
- 4** **Oil discharge**
The angle of draining/discharging the oil is adjustable.
- 5** **Filtering**
Pre-Filter: Filter of knitted plastic fibres (PP) filters out the larger oil droplets, this relieving the activated charcoal filter.
Activated Charcoal Filter: Filters out all the remaining oil droplets and guarantees the high overall efficiency.
- 6** **Water discharge**
The remaining oil content of the water discharged is less than 10mg/ltr if the equipment is correctly dimensioned. This water can be discharged directly into the sewers.
- 7** **Test valve**
The test valve permits very simply to take dischargewater samples.
- 8** **Heating (auxilliary equipment)**
Thermostatically controlled heaters are available for outdoor installation.
- 9** **Oil-collect tank with overflow safe-guard**
- 10** **TEST SET ...check-glass and oil test paper**
See Check- and Maintenance Book
- 11** **Dokument compartment**
Operating Instructions as well as the Check- and Maintenance Book are at your fingertips at all times.



TECHNICAL DATA

Type drukomat	compressor capacity up to m ³ /min	volume of container Liter	dimensions (mm)			weight kg	condensate input thread in inches	water drain thread in inches	oil drain thread in inches	filtering		
			A	B	C					pre-filter kg	charcoalfilter	
											water kg	exh. air kg
mini	1,2	14	610	285	285	9	4 x 1/2"	1"	1"	Combifilter	1 x 1,5	
1	2	22	650	430	325	10	4 x 1/2"	1"	1"	Combifilter	1 x 1,5	
2	3	40	908	437	325	15	4 x 1/2"	1"	1"	-	1 x 3,8	1 x 1,5
4	5	74	965	600	380	22	4 x 1/2"	1"	1"	-	1 x 3,8	1 x 1,5
8	8	120	965	620	520	25	4 x 1/2"	1"	1"	-	1 x 3,8	1 x 1,5
15	15	160	1160	620	520	28	4 x 1/2"	1"	1"	1 x 0,3	1 x 3,8	1 x 1,5
30	30	230	1160	850	520	55	4 x 1/2"	1"	1"	1 x 0,3	2 x 3,8	1 x 1,5
61	70	790	1450	1300	1000	90	4 x 1/2"	2"	2"	4 x 0,3	4 x 3,8	1 x 1,5



drawing not for drukomat 61

* Capacity valid for screw compressors using non-emulsifying oils. When using other types of compressors and other types of compressor oils, these figures have to be reduced (See Maintenance Book). *1 m³/min = 35,3 cfm