



EMD HP SERIES

HIGH PRESSURE ELECTRONIC CONDENSATE DRAIN

50 bar
operating pressure

30,4 l/h
drain capacity

1/2"
connections

1,5 to 65 °C
operating temperature range

DESCRIPTION

EMD HP series drain have been developed for fully automatic discharging of condensate or any other non-aggressive fluid from compressed air system. The units can be installed as external drain on any application specified below. Condensate accumulates in the collecting reservoir and when the level is high enough condensate is being discharged from the system without any air losses. Fluid level is detected by precise capacitive level sensor.

EMD HP series is also equipped with operation alarm (version A), led indicator, test button and internal strainer. Version with Service Network (version C) for diagnostics and parameter setting is also available. Working hours, valve operations and other operating parameters are stored in internal memory and can be read with Service Network reader.

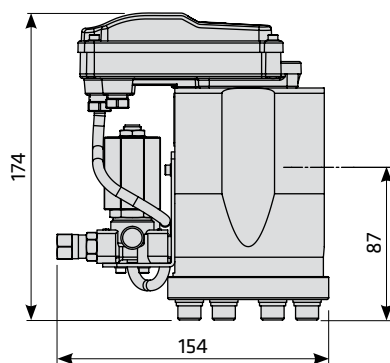
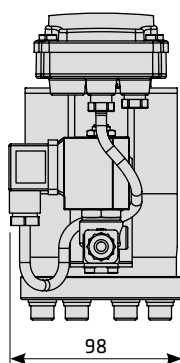
APPLICATIONS

- Air compressor (piston or screw)
- After-cooler
- Cyclone condensate separator
- Pressure vessel/air tank
- Air dryer
- Air filter





TECHNICAL DATA	EMD HP	EMD HP A	EMD HP C	EMD HP	EMD HP A	EMD HP C	EMDHP	EMD HP A	EMD HPA
	230 V			115 V			24 Vac		24 Vdc
Service network connection	-	-	✓	-	-	✓	-	-	-
Alarm output	-	✓	✓	-	✓	✓	-	✓	✓
Voltage	230 VAC, 50-60 Hz			115 VAC, 50-60 Hz			24 Vac, 50-60 Hz		24Vdc
Internal fuse	5 x 20 1A T			5 x 20 1A T			2A		2A
Power	25 VA			25 VA			25 VA		22 W
Operating pressure range	50 bar (725 psi)			50 bar (725 psi)			50 bar (725 psi)		50 bar
Drain capacity (at 7 bar/101 psi)	30,4 l/h at 50 bar (0,018 cfm at 725 psi)								
Operating temperature range	1,5-65 °C (35-149°F)								
Inlet connection	G 1/2" parallel thread								
Outlet connection	G 1/4" parallel thread								
Protection class	IP54								
Mass [kg]	2,3								
PEAK COMPRESSOR CAPACITY									
The data apply for drain, located in the most unfavorable location i.e. compressor cyclone od pressure vessel.									
System pressure	Northern Europe, Canada, Central Asia			Rest of the World			Moist tropical and subtropical regions		
50 bar	29,5 m³/min			22,2 m³/min			12,9 m³/min		
40 bar	26,4 m³/min			19,9 m³/min			11,5 m³/min		
30 bar	22,9 m³/min			17,2 m³/min			10,0 m³/min		
20 bar	18,7 m³/min			14,0 m³/min			8,1 m³/min		



omega air

Air and Gas Treatment



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