

PRODUCT DATA SHEET

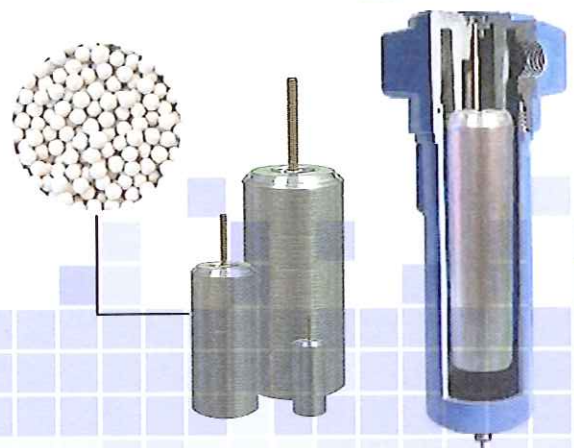
POINT-OF-USE DESICCANT ADSORBER

FUNCTION

The function of the HI-Line point-of-use desiccant adsorber is for small scale separation of humidity (water vapor) from compressed air systems. The adsorber utilizes a replaceable desiccant cartridge and is capable of achieving low pressure dew point of down to -40°C . For best results and performance, it is highly recommended that a fine coalescing filter is installed at the inlet side of the adsorber.

FEATURES

- Convenient to use.
- Low pressure dew point.
- Long contact time.
- High adsorption capacity.
- Relatively low differential pressure.
- Easy replacement of desiccant cartridge.
- Integrated pre and post filtration.



SPECIFICATIONS

Desiccant Adsorber Model	Conn. Size (Inch)	Volume Capacity (m ³)*	Maximum Pressure (Bar)	Dimensions (mm)		Replacement Cartridge Model
				A	B	
HPD6	1"	30	16	130	285	HPD6-E
HPD10	1" / 1 1/2"	40	16	130	380	HPD10-E
HPD15	1 1/2"	65	16	130	482	HPD15-E

* Refers to 1 bar (a) and 20°C at 7 bar (g) working pressure and 20 ° C inlet temperatures. Pressure dew point achievable down to -40°C . Maximum recommended inlet temperature of 40°C. Differential pressure of 0.15-0.40 bar.

Component	Description
Housing Material	Aluminium Alloy
Cartridge Cylinder Material	Aluminium Alloy
Cartridge Content	Molecular Sieve (MS)
Integrated Pre-Filtration	Non-woven Filter Material With SS Screen
Integrated Post-Filtration	Non-woven Filter material With SS Screen
Tie rod	Stainless Steel SS304

