



ML Series Climatix ML23 Desiccant dehumidifier

Features

- Modern Climatix control system
- Small footprint requires minimal floor area
- High airflow capacity
- Minimal energy consumption
- Unique plastic rotor casing
- 100% corrosion resistance
- Dehumidifies efficient down to -20 C
- Communication and external control options

ML23 with Climatix

The ML23 desiccant dehumidifier with climatix control is designed to efficiently dehumidify in low moisture applications.

It is equipped with an internally sealed rotor unit. The rotor casing is constructed of durable thermoset plastic and contains isolated sections that provide a precise balance for dehumidification, reactivation, and heat recovery airflows. Its rugged formed metal frame and access panels are produced from corrosion resistant Aluzink®. ML23 can be delivered with 3 different reactivation alternatives – electricity, steam or gas.

The modern control system conforms to EN 60204 (IEC204) standards and is equipped with a number of alarm functions to ensure total control of the dehumidification process.

ML Series dehumidifiers conform to both harmonised European Standards and to CE marking specifications.

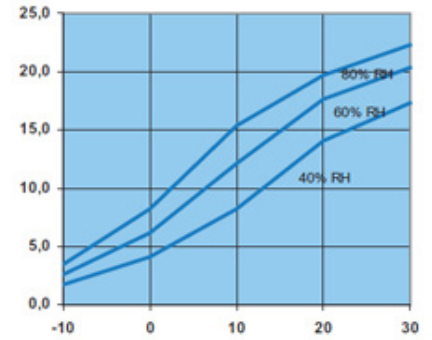
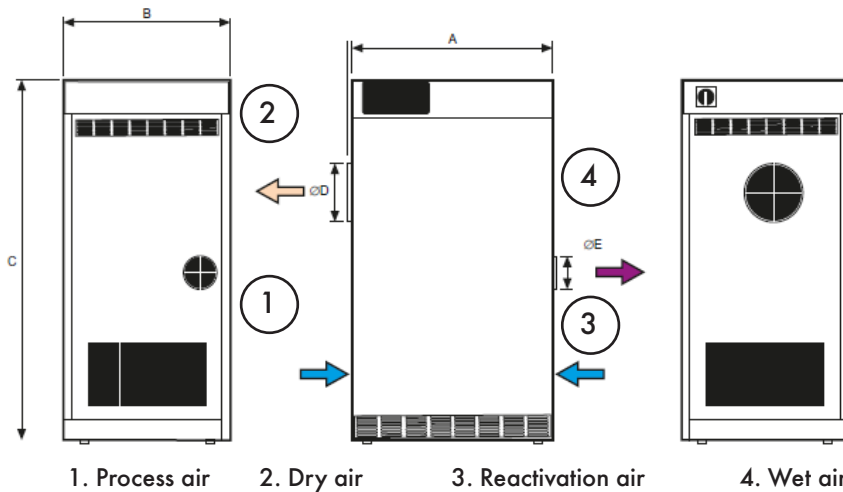


ML with Climatix Controls

Model ML23 with Climatix

Measurement diagram for reference only

Dehumidification Capacity



Process air temperature

Options

- Communication via Modbus, BACnet
- Dewpoint sensor
- External controls
- External Filter Box M5 or F7
- Heaters-gas,electric or steam
- Insulated process air inlet
- Mirror handed
- Stainless steel casing

Technical Specification

Process Air		Miscellaneous Data	
Rated airflow (m ³ /h)	2300	Max steam working pressure (bar) (g)	5
Available static pressure (pa)	300	Gas consumption (m ³ /h)	2,2
		Natural gas pressure (mbar)	20-30
Reactivation air		Max sulphur content (ppm) HPS Rotor	30
Rated airflow (m ³ /h)	850		
Available static pressure (pa)	300		
Total Power Voltage & Current (amps & phase)			
Total power (kW) Electrical	28,9(50Hz)	Operating temperature (°C)	-20/+40
Total power (kW) Electrical	29,6 (60Hz)	Sound power level to room Lw(A) dB, all inlets and outlets ducted	76
Total power (kW) Steam/Gas	4,3(50Hz)	Air filter standard	G3
Total power (kW) Steam/Gas	5,0(60Hz)	IEC protective class (unit)	IP33
380V 3-50Hz (A) Electrical	47,1	IEC protective class (electrical)	IP44
380V 3-50Hz (A) Steam/Gas	10,7		
400V 3-50Hz (A) Electrical	45,3		
400V 3-50Hz (A) Steam/Gas	10,7		
415V 3-50Hz (A) Electrical	44,0		
415V 3-50Hz (A) Steam/Gas	10,7		
440V 3-60Hz (A) Electrical	41,9		
440V 3-60Hz (A) Steam/Gas	10,6		
460V 3-60Hz (A) Electrical	40,6		
460V 3-60Hz (A) Steam/Gas	10,6		
480V 3-60Hz (A) Electrical	39,3		
480V 3-60Hz (A) Steam/Gas	10,6		
Steam consumption (g/s)	12		



For more information visit munters.com



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