

ML Series with Climatix MLT30 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

MLT30 with Climatix

The MLT30 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®. MLT30 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.

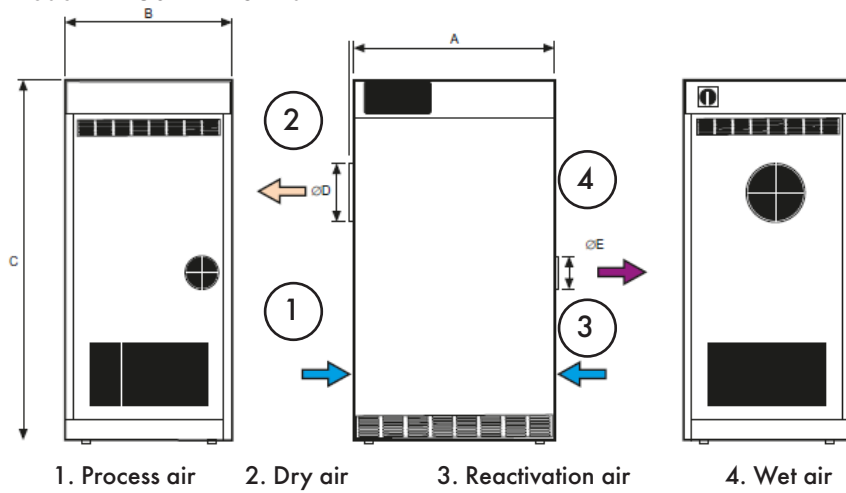
ML Series dehumidifiers conform to both harmonised European Standards and to CE marking specifications



ML with Climatix Controls

Model MLT30 with Climatix

Measurement diagram for reference only



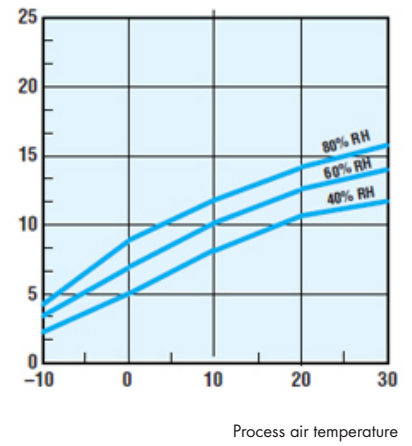
Width A	Depth B	Height C	Diam. D	Diam. E	Weight
1200mm	870mm	1790mm	315mm	200mm	305kg

Technical Specification

Process Air		Miscellaneous Data	
Rated airflow (m³/h)	3000	Operating temperature (°C)	-20/+40
Available static pressure (pa)	300	Sound power level to room Lw(A) dB, all inlets and outlets ducted	76
		Air filter standard	G3
Reactivation air		IEC protective class (unit)	IP33
Rated airflow (m³/h)	630	IEC protective class (electrical)	IP44
Available static pressure (pa)	300		
Total Power Voltage & Current (amps & phase)			
Total power (kW) Electrical	22,0(50Hz)		
Total power (kW) Electrical	22,6 (60Hz)		
Total power (kW) Steam/Gaz	4,0(50Hz)		
Total power (kW) Steam/Gaz	4,6(60Hz)		
230V 3-50Hz (A) Electrical	60,1		
230V 3-50Hz (A) Steam/Gaz	15,8		
380V 3-50Hz (A) Electrical	36,4		
380V 3-50Hz (A) Steam/Gaz	10,0		
400V 3-50Hz (A) Electrical	35,1		
400V 3-50Hz (A) Steam/Gaz	10,0		
415V 3-50Hz (A) Electrical	34,0		
415V 3-50Hz (A) Steam/Gaz	10,0		
440V 3-60Hz (A) Electrical	32,6		
440V 3-60Hz (A) Steam/Gaz	9,9		
460V 3-60Hz (A) Electrical	31,6		
460V 3-60Hz (A) Steam/Gaz	9,9		
480V 3-60Hz (A) Electrical	30,6		
480V 3-60Hz (A) Steam/Gaz	9,9		
Steam consumption (g/s) at 4 bar (g)	9		

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Dehumidification Capacity



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



For more information visit munters.com

