

## ML Series with Climatix ML17 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

## ML17 with Climatix

The ML17 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®. The ML17 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.

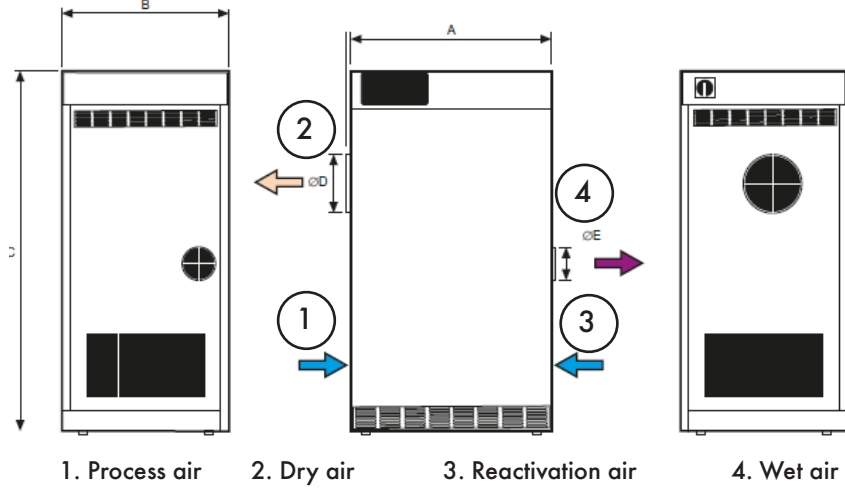
ML Series dehumidifiers conform to both harmonised European Standards and to CE marking specifications.



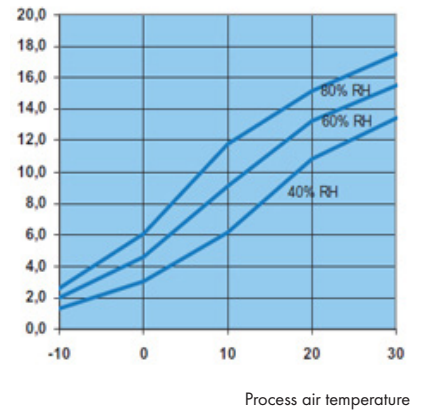
ML with Climatix Controls

# Model ML17 with Climatix

Measurement diagram for reference only



# Dehumidification Capacity



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

## Technical Specification

Process Air		Miscellaneous Data	
Rated airflow (m³/h)	1700	Max steam working pressure (bar) (g)	5
Available static pressure (pa)	300	Gas consumption (m³/h)	1,6
		Natural gas pressure (mbar)	20-30
Reactivation air		Max sulphur content (ppm) HPS Rotor	30
Rated airflow (m³/h)	630		
Available static pressure (pa)	300	Miscellaneous Data	
		Operating temperature (°C)	-20/+40
Total Power Voltage & Current (amps & phase)		Sound power level to room Lw(A) dB, all inlets and outlets ducted	76
Total power (kW) Electrical	21,1(50Hz)	Air filter standard	G3
Total power (kW) Electrical	21,6 (60Hz)	IEC protective class (unit)	IP33
Total power (kW) Steam/Gas	3,2(50Hz)	IEC protective class (electrical)	IP44
Total power (kW) Steam/Gas	3,6(60Hz)		
230V 3-50Hz (A) Electrical	57,4		
230V 3-50Hz (A) Steam/Gas	13,1		
380V 3-50Hz (A) Electrical	34,8		
380V 3-50Hz (A) Steam/Gas	8,4		
400V 3-50Hz (A) Electrical	33,5		
400V 3-50Hz (A) Steam/Gas	8,4		
415V 3-50Hz (A) Electrical	32,4		
415V 3-50Hz (A) Steam/Gas	8,4		
440V 3-60Hz (A) Electrical	31,0		
440V 3-60Hz (A) Steam/Gas	8,3		
460V 3-60Hz (A) Electrical	30,0		
460V 3-60Hz (A) Steam/Gas	8,3		
480V 3-60Hz (A) Electrical	29,0		
480V 3-60Hz (A) Steam/Gas	8,3		
Steam consumption (g/s)	9		

## 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



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