

ML690 Desiccant dehumidifier with AirC

- Minimal energy consumption with modulating heating
- Multiple communication and external control options
- Multiple sensor support
- Maintenance schedules
- Alarm handling
- Dehumidifies efficient down to -20°C
- Small footprint requires minimal floor area

Taking dehumidifiers into the future

For over half a century, Munters has been the leading pioneer within humidity control, and we're just getting started. The ML690 desiccant dehumidifier with Munters AirC is designed to efficiently dehumidify in low moisture applications, and is equipped with a rotor casing in durable thermoset plastic which provides a precise balance for dehumidification and internal heat recovery in the airflows. Solid State heater control modulates the power for most energy efficient operation.

Munters AirC is a future-proof control system designed by Munters and provides flexibility and functionality like no other. It ensures your dehumidifier operates at its most energy efficient, and features advanced sensing, multiple communication support and alarm handling.

This technology represents 60 years of innovation and application knowledge for perfect control of the dehumidification process.

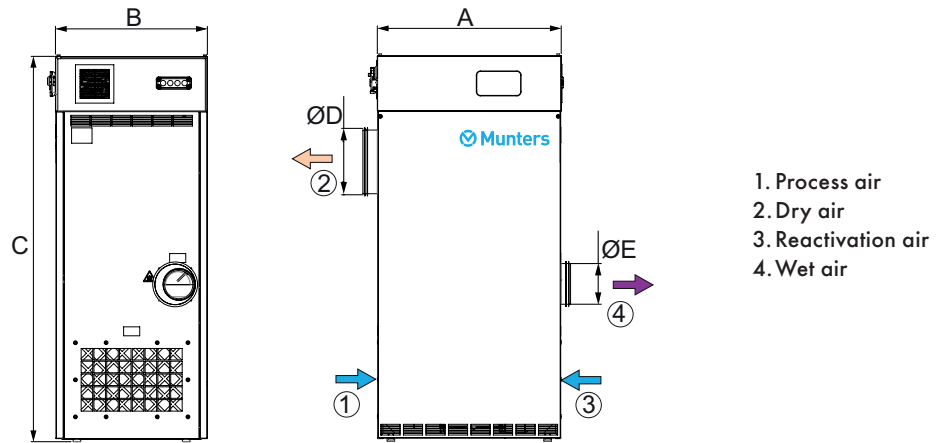


ML690 with Munters AirC

Dimensions

A: Width	720 mm
B: Depth	600 mm
C: Height	1410 mm
D: Diameter	200 mm
E: Diameter	125 mm
Weight	159 kg

Measurement diagram for reference only.

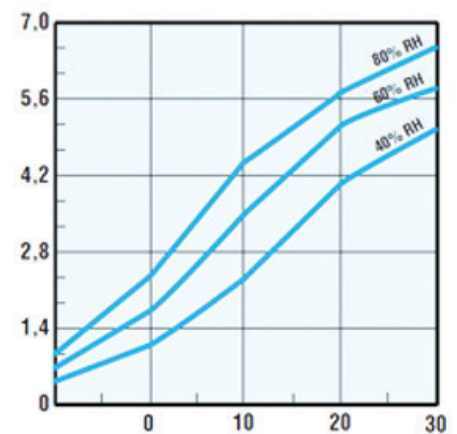


1. Process air
2. Dry air
3. Reactivation air
4. Wet air

Technical specifications

Process Air	
Rated airflow (m ³ /h)	690
Available static pressure (pa)	300
Reactivation air	
Rated airflow (m ³ /h)	254
Available static pressure (pa)	300
Total Power Voltage & Current (amps & phase)	
Total power (kW) Electrical	7.82
200V 3-50Hz (A)	25.5
200V 3-60Hz (A)	25.5
220V 3-50Hz (A)	22
220V 3-60Hz (A)	22.5
230V 3-50Hz (A)	21.6
230V 3-60Hz (A)	21.9
380V 3-50Hz (A)	12.7
380V 3-60Hz (A)	13
400V 3-50Hz (A)	12.4
415V 3-50Hz (A)	12.2
440V 3-60Hz (A)	11.3
460V 3-60Hz (A)	11
480V 3-60Hz (A)	10.8
Miscellaneous Data	
Operating temperature (°C)	-20/+40
Sound power level to room Lw(A) dB, all inlets and outlets ducted	68
Air filter standard	G4
IEC protective class (unit)	IP33
IEC protective class (electrical)	IP54

Dehumidification capacity



Process air temperature.

Options

- Communication via Modbus
- Multiple sensors
- Blocked filter alarm
- External controls
- External Filter Box M5 or F7
- Insulated process air inlet
- Mirror handed
- Stainless steel casing

 **Munters**

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