



Product sheet

Munters ComDry NX M160L

Desiccant dehumidifier

Features

- Unique mechanical design
- Casted aluminium and plastic construction
- Compact and lightweight
- Advanced controller with Modbus
- Humidity and temperature sensor
- kWh and other hour counters
- Energy efficient
- Options for Munters AirC Wireless remote control and sensors
- New and improved handle allows true stackability

Munters proudly introduces the thoroughly upgraded Munters ComDry NX M160L with new controller including Modbus and hardwire communication – an extremely reliable and portable dehumidifier with superior drying capacity that is not only lightweight and easy to install but also 20% more energy-efficient than most competitors. Featuring a convenient plug-and-play, cutting-edge control system with graphic display, more powerful drive motor, AirC Wireless connectivity, service alerts, kWh meter and more, this best-in-class portable plug-and-play dehumidifier creates the perfect climate in a wide range of applications.

Munters ComDry NX series is particularly suited to water and fire damage restoration operations as well as archives, waterworks, the construction industry and cold spaces above 0°C. ComDry NX units can also be used to reduce the relative humidity in storage rooms, cellars, archives and other limited spaces.

The ComDry NX M160L is designed for fixed installations in closed rooms, unheated basements or where it is impossible to get wet air outside the building. The air-cooled condenser cools the wet reactivation air below its dew point with ambient air. The resulting water droplets are collected in a drip tray and drained away. Operational remote control and/or signals facilitate operation, making Munters ComDry NX M160L the perfect choice for static preservation applications.

The Munters ComDry NX range is available in two configurations – Base and Pro. For the Base model, system integration is possible using wired signals or the Modbus TCP communication protocol. The Pro model has additional functionality with AirC Wireless sensors and wireless remote control panel.

All Munters dehumidifiers are based on the rotor technology specially developed by Munters, which provides high moisture-absorbing capacity. The flexible design and excellent performance of the rotor mean there are almost no limits to its areas of use.

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Dimensions

A: Width	445 mm
B: Depth	270 mm
C: Height	571 mm
Dry air out	100 mm
Weight	15.6 kg
Drain hose	d=12.5 mm

- 1. Process air in
- 2. Dry air out
- 3. Cooling air
- 4. Drain outlet

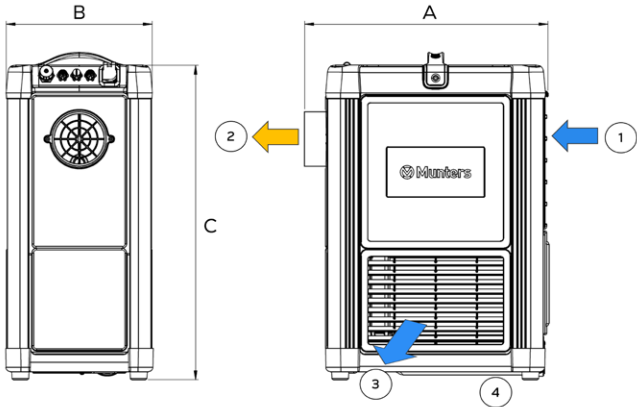


Diagram measurements are for reference only. Scaled and dimensioned drawings are available from Munters.

Model	Model #	Wired/Modbus TCP	AirC Wireless*	Condenser	Condenser with pump
M160L					
Base	170-108238-003	●		●	
Pro	170-108238-001	●	●	●	

*AirC Wireless is a group of devices that can be wirelessly connected to the unit.

Technical specifications

Dry air			Miscellaneous data		
Capacity (20°C, 60% RH)	(kg/h)	0.52	Operating temperature	(°C)	0/+30
Free-blowing air	(m³/h)	185	IEC protective class (unit)	-	IP44
Rated airflow at 40Pa	(m³/h)	150	IEC protective class, control board (electrical)	-	IP54
Maximum static pressure	(Pa)	225	Filter class	-	Coarse 50%/G3
Total power, voltage and current			Max noise level	dB(A)	58
Total power	(kW)	1.01			
Heater power	(kW)	0.84			
230V 1-50/60Hz	(A)	4.4			

Standard features – Base and Pro

- Robust aluminium/plastic casing
- Modulating heater
- Air cooled condenser
- Humidity control
- Multifunction control displaying RH (%), X (g/kg) or Dp (°C)
- Resettable kWh and hour counter
- Socket for external sensor
- Filter change without tools
- Modbus TCP – communication
- External signal – communication
 - Remote on/off
 - Operation
 - Alarm

Accessories – Base

- Ducted air inlet
- Wall bracket
- External, cabled RHT sensor

Accessories – Pro only

- Ducted air inlet
- Wall bracket
- External, cabled RHT sensor
- Wireless control panel
- AirC Wireless sensors

Dehumidification capacity



This may not, depending on conditions, correspond to actual drained water volume.

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