



## Product sheet

# Munters ComDry NX M210X

## 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 M210X 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 M210X is designed for mobile and fixed installations. Operational remote control and/or signals facilitate operation, making Munters ComDry NX M210X the perfect choice for preservation applications.

The internal design of the ComDry NX M210X is based on the so-called 4-hole design, meaning the process

air stream and reactivation air stream are completely separated and propelled by two individual fans.

Benefits include stronger process air pressure, enhanced capacity, and more versatile usage of the ComDry M210X – both inside and outside of the dehumidified space, whether in re-circulation or open systems.

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.

# Munters ComDry NX M210X

## Desiccant dehumidifier

### Dimensions

A: Width	445 mm
B: Depth	270 mm
C: Height	571 mm
Dry air out	100 mm
Reactivation air in	50 mm
Wet air out	50 mm
Weight	14.3 kg

- 1. Process air in
- 2. Dry air out
- 3. Reactivation air inlet
- 4. Wet air out

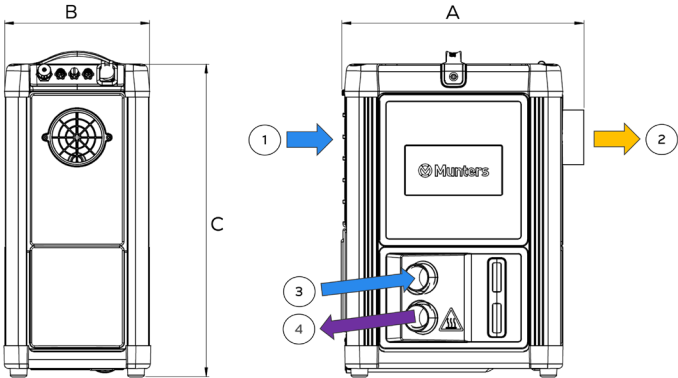


Diagram measurements are for reference only. Scaled and dimensioned drawings are available from Munters.

Model	Model #	Wired/Modbus TCP	AirC Wireless*	Condenser	Condenser with pump
M210X					
Base	170-108237-003	●			
Pro	170-108237-001	●	●		

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

### Technical specifications

Dry air			Heater power		(kW)	0.84
Capacity (20°C, 60% RH)	(kg/h)	0.61	230V 1-50/60Hz		(A)	4.4
Free-blowing air	(m³/h)	260	Energy consumption 20°C, 60%		(kWh/kg)	1.51
Rated airflow at 60Pa	(m³/h)	210	Miscellaneous data			
Maximum static pressure	(Pa)	250	Operating temperature		(°C)	-20/+40
Reactivation air			IEC protective class (unit)		-	IP44
Rated airflow	(m³/h)	25	IEC protective class, control board (electrical)		-	IP54
Static pressure at rated airflow	(Pa)	70	Filter class		-	Coarse 50%/G3
Total power, voltage and current			Max noise level		dB(A)	58
Total power	(kW)	1.01				

### Standard features – Base and Pro

- Robust aluminium/plastic casing
- Modulating heater
- Lightweight
- Built in RHT sensor
- 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
- 4-hole design
- Modbus TCP – communication
- External signal – communication
  - Remote on/off
  - Operation
  - Alarm

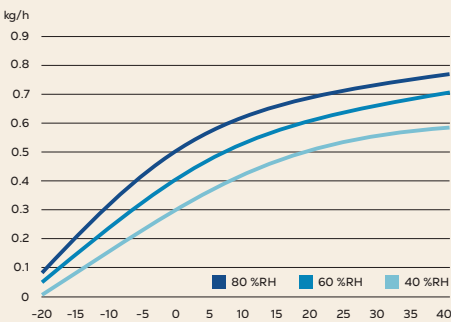
### Accessories – Base

- 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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