

# ComDry M190Y

## Desiccant dehumidifier



### PRODUCT INFORMATION

## ComDry M190Y

- Compact
- Lightweight
- Humidity / temp sensor
- Fast drying
- Robust
- Reliable
- Energy efficient
- 3 step fan
- kW counter
- CANBUS system with remote control option

### Product description

The ComDry series is a new range of desiccant dehumidifiers with high drying capacity, reliability and low energy consumption. The solid casing is excellent at withstanding corrosion and the dehumidifiers' robustness makes it very versatile in a wide range of applications.

The high capacity combined with a lean ergonomic design and low weight, make ComDry units ideal for areas where there is minimal floor space. They are also easy to stack and transport.

Munters ComDry series is particularly suited to water and fire damage restoration operations as well as archives, waterworks and the construction industry. They are ideal solutions for supplying dry air to protect pipes and fittings from corrosion and condensation. ComDry units can also be used to reduce the relative humidity in storage rooms, cellars, archives and other limited spaces.

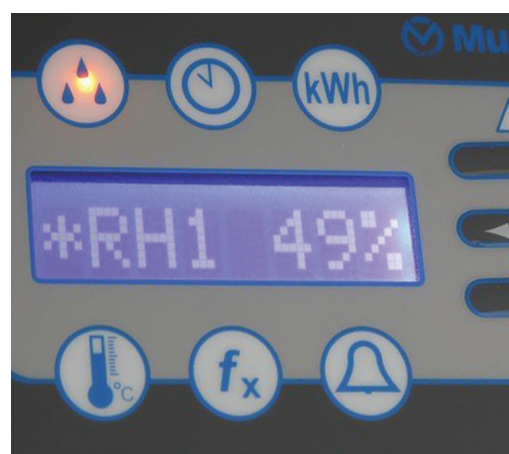
Important data such as relative humidity, running and kilo watt hours are indicated on an easy to read display panel. The built in relative humidity control and multistep controllable process air fan are an added advantage. These two controllable parameters lead to a uniquely energy efficient dehumidifier.

The ComDry M190Y's low weight makes it very effective for frequent mobile applications and if used in combination with high pressure fans it is the ultimate dehumidifier for restoration applications.

Munters ComDry M190Y is easy to maintain, with filter replacement quick and simple - making it the ideal choice for preservation applications.

### Munters rotor technology

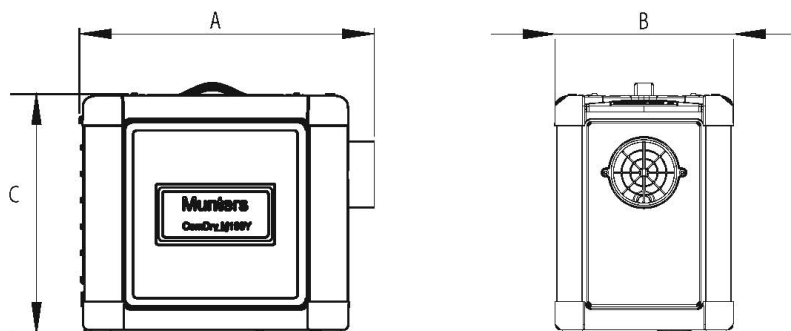
All Munters dehumidifiers are based on the rotor technology specially developed by Munters which provides high moisture-absorbing capacity. The flexible design and good performance of the rotor mean that there are almost no limits to its areas of use.



## Model ComDry M190Y

Diagram measurements are for reference only.

Scaled and dimensioned drawings are available from Munters.



Width A	Depth B	Height C	Dry air out	Wet air out	Weight
445 mm	270 mm	365 mm	100 mm	50 mm	11.5 kg

## Technical Specification

### Process air

Maximum airflow m <sup>3</sup> /h	240
Rated airflow high speed m <sup>3</sup> /h	190
Rated airflow normal speed m <sup>3</sup> /h	130
Rated airflow low speed m <sup>3</sup> /h	50
Static pressure at rated airflow Pa	100
Maximum static pressure Pa	300

### Reactivation air

Rated airflow	30
Static pressure at rated airflow	90

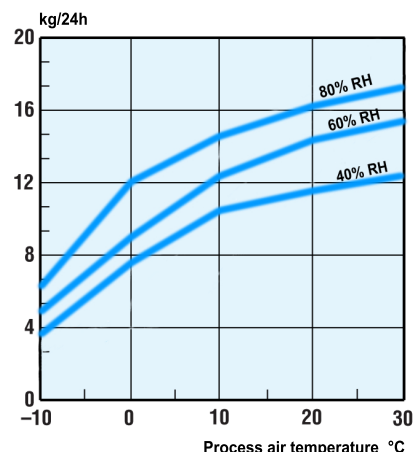
### Total Power, Voltage & Current

Total power kW	0.95
Heater power kW	0.84
Voltage V/Hz	230/50-60
Maximum current A	4.1
Energy consumption 20°C, 60% kWh/kg	1.51

### Miscellaneous data

Operating temperature °C	-20 - +40
IEC Protective class, unit IP	44
IEC Protective class, control board IP	55
Filter class	G3
Max noise level at normal speed dB(A)	53.9

## Dehumidification Capacity

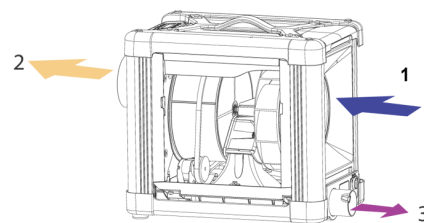


### M190Y

- \* Robust aluminium plastic casing
- \* Lightweight
- \* Built in humidity / temp sensor
- \* Modulating humidity control
- \* Multifunction control displaying RH (%), X (g/KG) or Dp (oC)
- \* Resetable kW and hour counter
- \* Socket for two external sensors
- \* 3 step process air fan
- \* Filter change without tools
- \* 2.75m cable length

### Options

- \* External sensor (s)
- \* Colour options for plastic top bottom and side panels on large purchases
- \* Own branding available on large purchases
- \* Remote control via external control panel
- \* Ducted air inlet
- \* Wall bracket



1. Process air in
2. Dry air out
3. Wet air out

**AUSTRALIA**  
Tel +61 2 8843 1588  
**CHINA**  
Tel +86 10 804 18000  
**INDIA**  
Tel +91 20 668 18 900  
**NETHERLANDS**  
Tel +31 172 43 32 31  
**SWEDEN**  
Tel +46 8-626 6300  
**UNITED KINGDOM**  
Tel +44 8708 505 202

**AUSTRIA**  
Tel +43 1 6164298-0  
**DENMARK**  
Tel +45 4495 3355  
**ITALY**  
Tel +39 0183 521377  
**POLAND**  
Tel +48 58 305 35 17  
**SWITZERLAND**  
Tel +41 52 3438886  
**UNITED STATES**  
Tel +1 978 241 1100

**BELGIUM**  
Tel +32 2 240 68 68  
**FINLAND**  
Tel +358 9 8386 030  
**JAPAN**  
Tel +81 3 5970 0021  
**SINGAPORE**  
Tel +65 6744 6828  
**THAILAND**  
Tel +66 2 642 2670-3  
**VIETNAM**  
Tel +84 8 825 6838

**BRAZIL**  
Tel +55 41 3317 5050  
**FRANCE**  
Tel +33 1 3411 5757  
**KOREA**  
Tel +82 2 761 8701  
**SOUTH AFRICA**  
Tel +27 11 997 2000  
**TURKEY**  
Tel +90 212 286 1838

**CANADA**  
Tel +1 905 8585894  
**GERMANY**  
Tel +49 40 73416-01  
**MEXICO**  
Tel +1 52 722 270-4029  
**SPAIN**  
Tel +34 91 640 09 02  
**UNIT. ARAB EMIRATES**  
Tel +971 4 881 3026

www.munters.com



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