

# Munters MS 4500-SBX

## Desiccant Dehumidifier

For over half a century, Munters has been the leading pioneer solution provider for humidity problems, and we're just getting started.

### Features

- Ready to connect
- Weather protection casing optional
- Storage option for a power cable
- Transition pieces Ø 300 mm for dry air outlet
- Designed for outdoor and mobile applications, forklift or crane transport
- Small footprint
- High moisture removal capacity
- Robust and low maintenance

Munters desiccant dehumidifiers MS 4500-SBX with weather protection casing are specially designed for outdoor installation and a wide range of potential applications. Their main task is to avoid condensation and prevent corrosion during sand blasting and coating activities or in unheated storage facilities. Another strength is the removal of water damages after the extinguishing of fires, floodings or pipe ruptures. The units, using the sorption principle, have a high moisture removal capacity, which is almost independent of ambient temperatures.

The dehumidifiers are delivered as ready-to-connect units. The MS 4500-SBX special version with casing can easily be transported with a forklift or crane. On site they present their advantages with robustness, low maintenance and can therefore easily be set-up and operated within outdoor applications. A transition piece for a standard hose connection, DN300 mm, is also within the scope of supply.



Illustration: MS4500 for outdoor installation

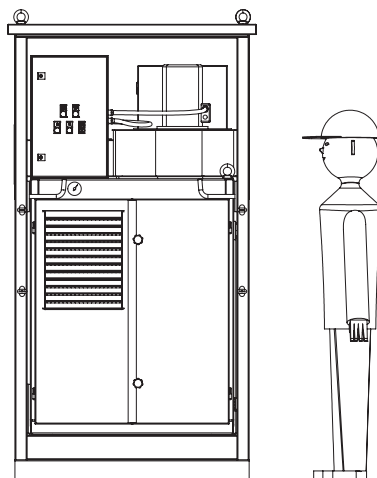
# Munters MS 4500-SBX

## Desiccant Dehumidifier

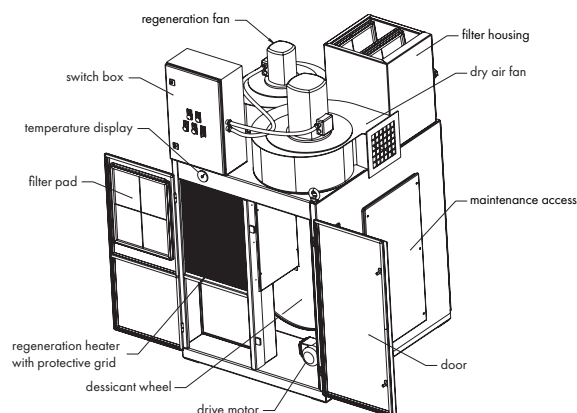
### Dimensions (outdoor installation)

Width	1.150 mm
Depth	1.450 mm
Height	2.330 mm
Weight	730 kg

These values are for reference only.



### Design



### Technical specifications

Process Air		
Airflow, nominal	(m³/h)	4500
External Pressure, Pst	(Pa)	900
Reactivation Air		
Airflow, nominal	(m³/h)	1450
External Pressure, Pst	(Pa)	300
Moisture Removal		
at 20°C, 60% RH	l/hl	30,8
Energy Supply		
Electrical Connection	400V/50Hz/3Ph; 47,4 kW; 72,5 A	
Ambient Conditions		
Temperature	-20 °C - +40 °C	
Relative Humidity (RH)	10 % - 90 %	

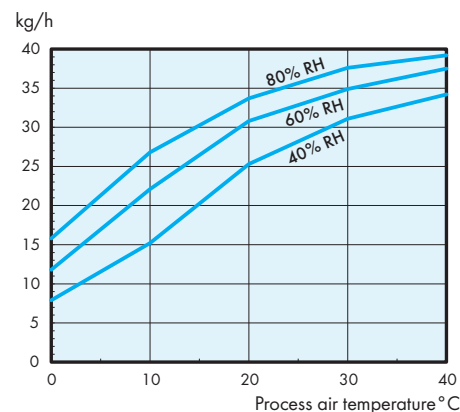
### Standard configuration

- Inlet grille for air inlets
- Easily replaceable G4 panel filters for air inlets
- Robust industrial fans
- Regeneration heater switched in two stages
- Phase sequence relay

### Options

- 10 m power supply cable with 125A plug
- Casing for outdoor applications
- Two mains connections for power reduction

### Dehumidification capacity



Approx. performance in kg/h with different moisture loads (% RH) measured at process air inlet.

### Applications

- Surface treatment
- Construction preservation
- Container dehumidification
- Sand blasting
- Coating
- Underground engineering / Tunnels
- Unheated storage of steel
- Metal preservation

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