

## MK series

# Mobile Cooling dehumidifiers



### Small, solid, strong

The smallest model of the MK series demonstrates its strength by high dehumidification capacity in relation to the compact construction. A wide flexibility (two step process air fan and built in hygrostat) as well as a high mobility (wheels and low weight) support the overall good performance of this unit.

Their most suitable area of use is within the water and damage restoration business as well as the construction industry. Of course they also protect pipes and fittings from corrosion and condensate in waterworks. They can also be used reducing relative humidity in storage rooms, cellars, archives and other limited storage spaces. For more flexibility the dehumidifier is equipped with a two step process air fan. The built in hygrostat allows to adjust the relative humidity, depending on the application, and so run the dehumidifier in an extremely energy efficient mode. The wheels increase flexibility on the job. Even a stationary installation is possible by using the wall bracket which can be delivered as an accessory.

The dehumidification as such takes place in the cooling coil (evaporator) of the dehumidifier following the principle of a water trap. An axial fan pulls ambient air through a coil cooling the air below dew point. Water condensates and is collected in a water tank or a drainage hose. The cooled and dehumidified air is pulled further through a heating coil (condenser) and regains its heat. The additional heat of the compressor results in a slight increase of temperature. By recirculating the air the dehumidification happens fast, effective and careful.

## PRODUCT INFORMATION

### MK200

#### Features

- Simple and efficient construction
- Functional design
- High mobility due to wheels
- High dehumidification capacity
- Environmentally friendly refrigerant R134A
- Automatic defrostcycle
- Maintenance and service friendly design



# Model MK200

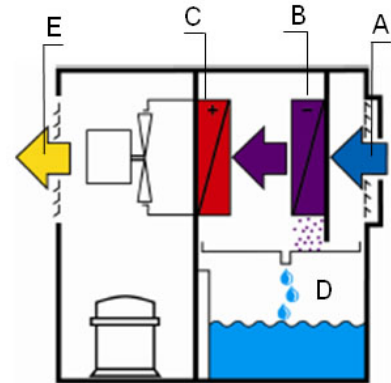
## Technical Specification

### MK200

Drying Capacity:	.
Moisture removal; 30°C, 80% (kg/24h)	12
Moisture removal; 20°C, 60% (kg/24h)	5,3
Moisture removal; 10°C, 70% (kg/24h)	1,8
Operational ranges:	.
Relative humidity (%)	20-80
Temperature (°C)	5-35
Rated voltage (V/Hz)	230/50
Rated current (A)	1,1
Rated power (W)	240
Energy consumption 30°C, 80% (kWh/kg)	0,48
Air delivery (m3/h)	255/520
Refrigerant type	R134a
Refrigerant mass (g)	170
Water tank capacity (l)	10,4
Dimensions:	.
Width (mm)	406
Depth (mm)	343
Height (mm)	527
Weight (kg)	22
Noise level max (dB, A)	38/50
Protection class (IP)	X2
Cable Length (m)	2,5

## Schematic picture

- A: Ambient air
- B: Evaporator
- C: Condenser
- D: Water tank
- E: Dehumidified air



## Performance

- Mobile
- Flexible
- Automatic defrost
- Electronic control
- Integrated Hygrostat
- Two Step process fan
- Water tank
- 2.5 m cable length

### Options

- Wall brackets

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