

MK-Series Dehumidifier

Mobile Refrigerant Dehumidifiers

MK300
MK450
MK800
MK1000

Simple Installation and Operation

- Robust construction, ergonomic design
- Easily readable function display equipped with run hour meter
- Covered water collection container with handle (not on MK1000)
- Large wheels for easy mobility
- Low energy consumption rotary type compressor (MK450 and upwards)
- Environmentally friendly refrigerant – R407C
- Automatic defrosting
- Easy to service



The picture shows a MK800

Product Description

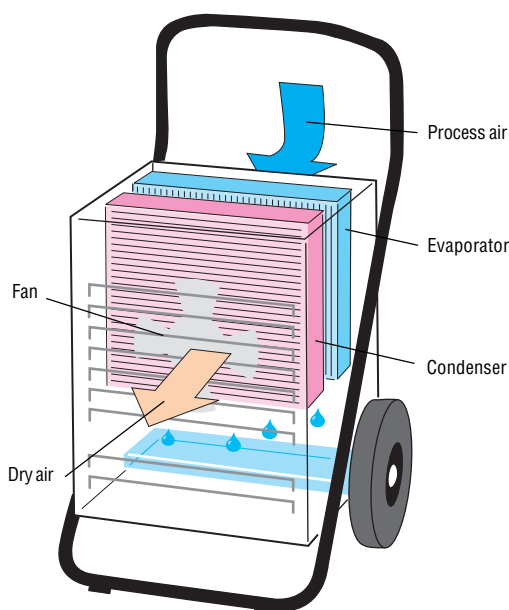
The MK-series consists of a range of four units that are designed to efficiently dehumidify by cooling the air below its dew point. The MK-series has a built-in automatic defrosting system and can operate in temperatures as low as +5°C.

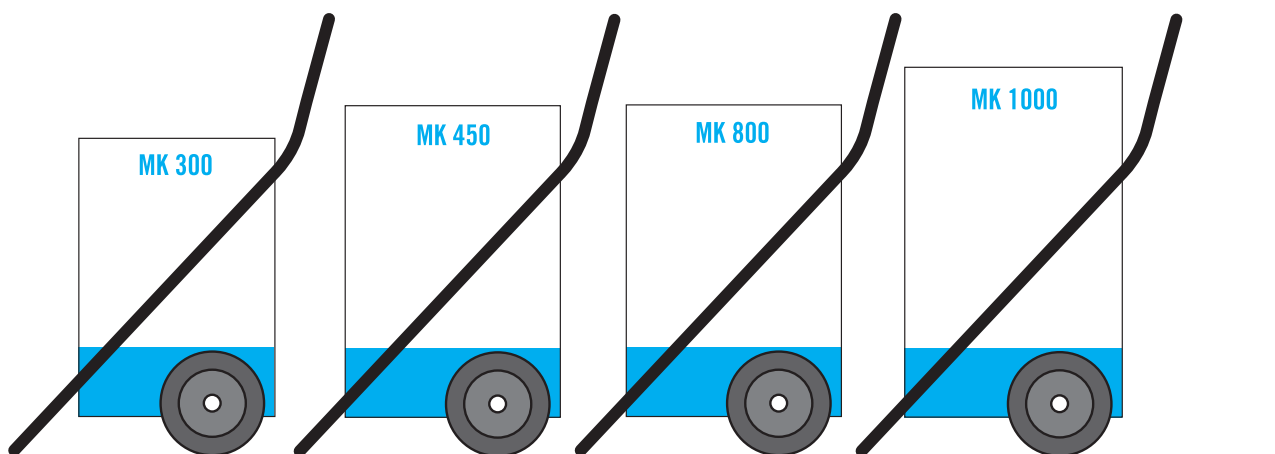
MK-series dehumidifiers can be manually operated or automatically controlled via an external humidistat (optional) when plugged into the humidistat connection socket. A control panel is mounted to the

front of each unit that indicates the unit's operation. The three smallest units (MK300, MK450, and MK800) include a built-in collection container for the condensed water. All MK-series dehumidifiers have a special ergonomic design and are supplied with sturdy handles and large wheels for easy mobility.

Munters MK-series Technology

The MK-series uses refrigeration technology to cool the air below its dew point. The inlet air first passes through a filter where the dust in the air is removed. The air then passes over an evaporator where it is cooled down to a temperature lower than the dew point causing water to be condensed and deposited in the collection container. Finally, the air passes through a condenser coil where it is heated before being discharged from the unit via the front grill.





Technical Specifications

Type			MK 300	MK 450	MK 800	MK 1000
Operating Range	Humidity	%RH	40 - 100	40 - 100	40 - 100	40 - 100
	Temperature	°C	3 - 30	3 - 30	3 - 30	3 - 30
Capacity	30°C, 80%RH	l/24h	21,6	38,4	51,6	76,6
	20°C, 60%RH	l/24h	7,7	18,0	28,8	36,0
	10°C, 70%RH	l/24h	3,9	8,2	13,1	19,1
Airflow		m³/h	280	400	800	1000
Power Supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Power Consumption	max.	W	600	700	950	1500
Current	max.	A	2,7	2,9	4,1	6,9
Refrigerant			R407C	R407C	R407C	R407C
Refrigerant Charge		g	300	475	575	1600
Water Collection Container		L	5,5	12,5	12,5	—
Noise Level		dB(A)	58	60	62	65
Dimensions	Width	(mm)	486	596	596	686
	Depth	(mm)	546	580	580	607
	Height	(mm)	991	1010	1010	1128
	Weight	(kg)	41	52	60	74

Features

	MK 300	MK 450	MK 800	MK 1000
Portable	x	x	x	x
Automatic Defrosting	x	x	x	x
Electronic Control	x	x	x	x
Function Display	x	x	x	x
Run hour meter	x	x	x	x
External Humidistat Socket	x	x	x	x
Water Collection Container	x	x	x	—
Continuous Condensate Drain	—	—	—	x

Options

- Electromechanical humidistat
- Condensation Water Pump



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