

Product sheet

Munters MK Series refrigerant dehumidifiers



Features

- Optimized dehumidification
- Environmentally-friendly refrigerant R454C (MK NX series)
- Robust construction
- 2-speed fan
- Integrated RH/T sensor
- Automatic defrost system
- Easy-to-service design

The new models from the Munters MK series improve on a proven design and add useful features. The result is a more energy-efficient dehumidifier that is based on the latest technology and offers impressive robustness as well as easy maintenance.

The MK series works according to the condensation principle and is designed for easy handling and high performance. These dehumidifiers are particularly well suited for mobile use by water utility companies to prevent corrosion and condensation as well as for air dehumidification in storage rooms, cellars, archives, etc. The automatic defrost function ensures

continuous operation even at low room temperatures.

The MK series is available in five different sizes with different dehumidification capacities. Since the MK NX series uses the environmentally-friendly refrigerant R454C, every Munters dehumidifier makes a contribution to environmental protection.

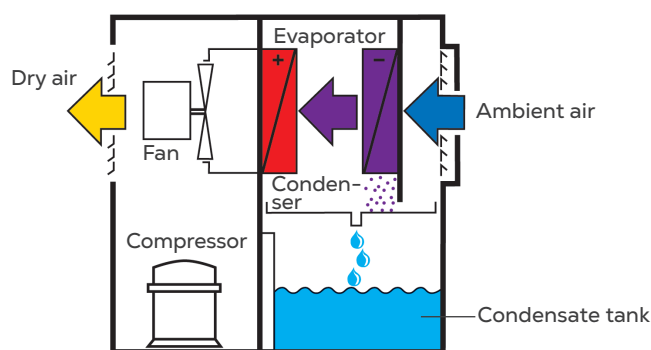
Technical specifications MK Series

Type			MK200	MK35 NX	MK55 NX	MK75 NX	MK95 NX
Operating range	Humidity	% rF	30 – 90	30 – 90	30 – 90	30 – 90	30 – 90
	Temperature	°C	2 – 35	3 – 35	3 – 35	3 – 35	3 – 35
Dehumidification capacity	30 °C, 80 % rF	l/24h	13,5	34,0	53,0	76,0	95,0
	20 °C, 60 % rF	l/24h	6,8	16,5	22,5	34,5	46,5
	10 °C, 70 % rF	l/24h	3,4	7,8	9,0	14,5	21,5
Spec. energy consumption	30 °C, 80 % rF	kWh/l	0,34	0,43	0,38	0,34	0,46
	20 °C, 60 % rF	kWh/l	0,52	0,65	0,60	0,55	0,66

Volume flow		m³/h	196 / 342	300 / 420	290 / 550	750 / 900	750 / 900
Rated voltage		V/Hz	1 x 230 / 50	1 x 230 / 50	1 x 230 / 50	1 x 230 / 50	1 x 230 / 50
Rated power	max.	kW	0,25	0,61	0,83	1,07	1,9
Rated current	max.	A	1,1	2,65	3,61	4,65	8,26
Refrigerant type			R290	R454C	R454C	R454C	R454C
Condensate tank / outlet		L	11,4	8	13	9 mm	9 mm
Noise level		dB(A)	38 / 60	51	53	64	64
Dimensions (incl. handles and wheels)	Height	mm	527	860	845	906	906
	Width	mm	345	385	445	495	495
	Depth	mm	495	509	539	548	548
Weight		kg	23	35,4	41,8	48,3	58,2

Design attributes						
Mobile			X	X	X	X
2-speed fan			X	X	X	X
Automatic defrost system			X	X	X	X
Electronic control			X	X	X	X
Digital multifunction display			–	X	X	X
kWh meter and hour counter			–	X	X	X
Integrated Hygrostat			X	X	X	X
Optional connection for external humidistat			–	X	X	X
Condensate tank			X	X	X	–
Hose connection fittings			X	X	X	X
Stackable			–	X	X	–

Schematic picture
refrigerant dehumidifier



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