

TECHNICAL DATA SHEET

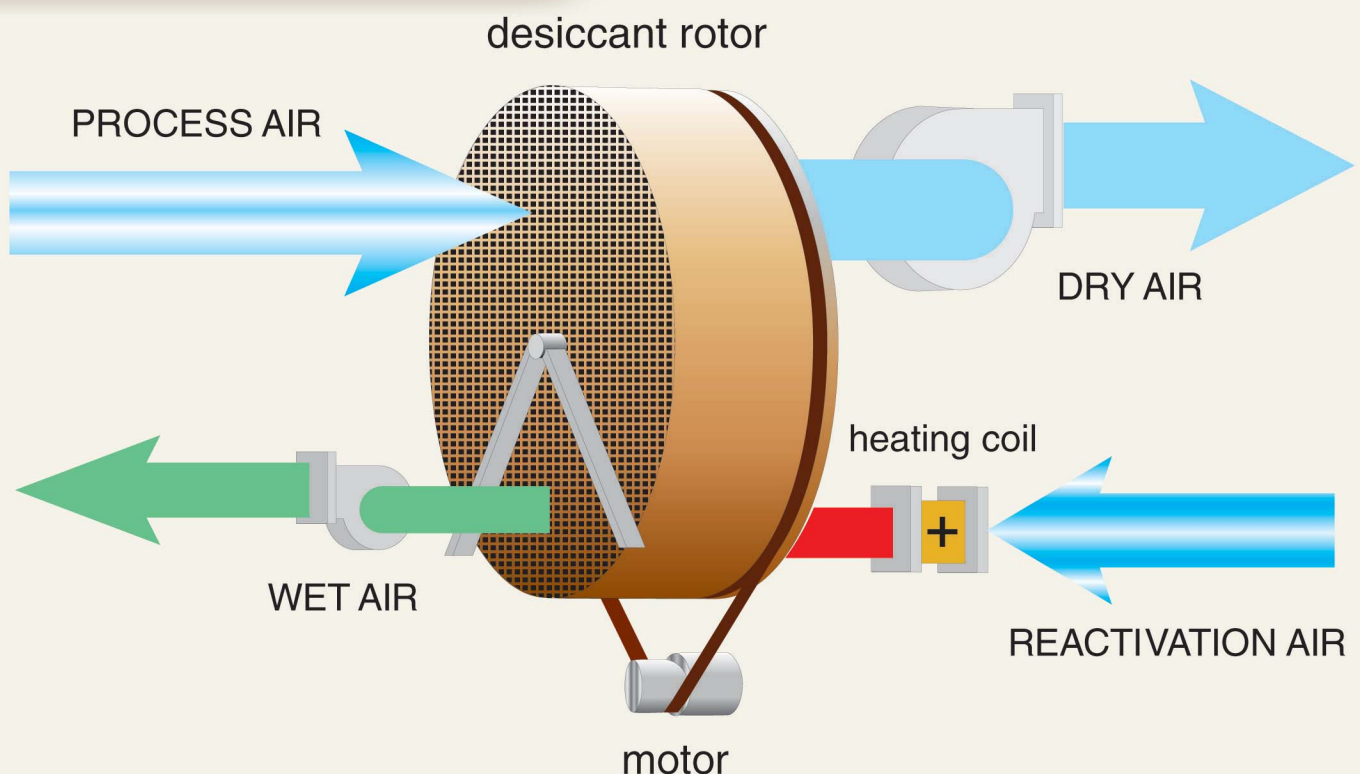
DESICCANT DEHUMIDIFIER

MDC 450



Desiccant dehumidifier MDC450 designed for general purposes – room air dehumidification and process drying. Specially suitable for low temperature and low humidity operation. Unit includes desiccant rotor, fans, filters, reactivation heaters and controls. Casing – stainless steel.

METHOD OF OPERATION



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DEHUMIDIFICATION CAPACITY

Approximate capacity in kg/h at different inlet process air relative humidity (%) and temperature (°C)

	50%	60%	70%	80%	90%
5°C	1,1	1,23	1,4	1,52	1,67
10°C	1,4	1,6	1,7	1,9	2,0
20°C	2,0	2,2	2,3	2,43	2,46
30°C	2,5	2,6	2,7	2,8	2,9

TECHNICAL DATA

Process air

Rated airflow (m³/h) 450
Available static pressure (Pa) 120

Reactivation air

Rated airflow (m³/h) 120
Available static pressure (Pa) 50

Power supply

1x230 V, 50 Hz (kW) 3,5
Current (A) 15,2

Miscellaneous data

Weight (kg) 24
Operating temperature (°C) -25/+40
Max noise level (dBA) 62
Air filter G3
IEC protective class IP44

DIMENSIONS

