

TECHNICAL DATA SHEET

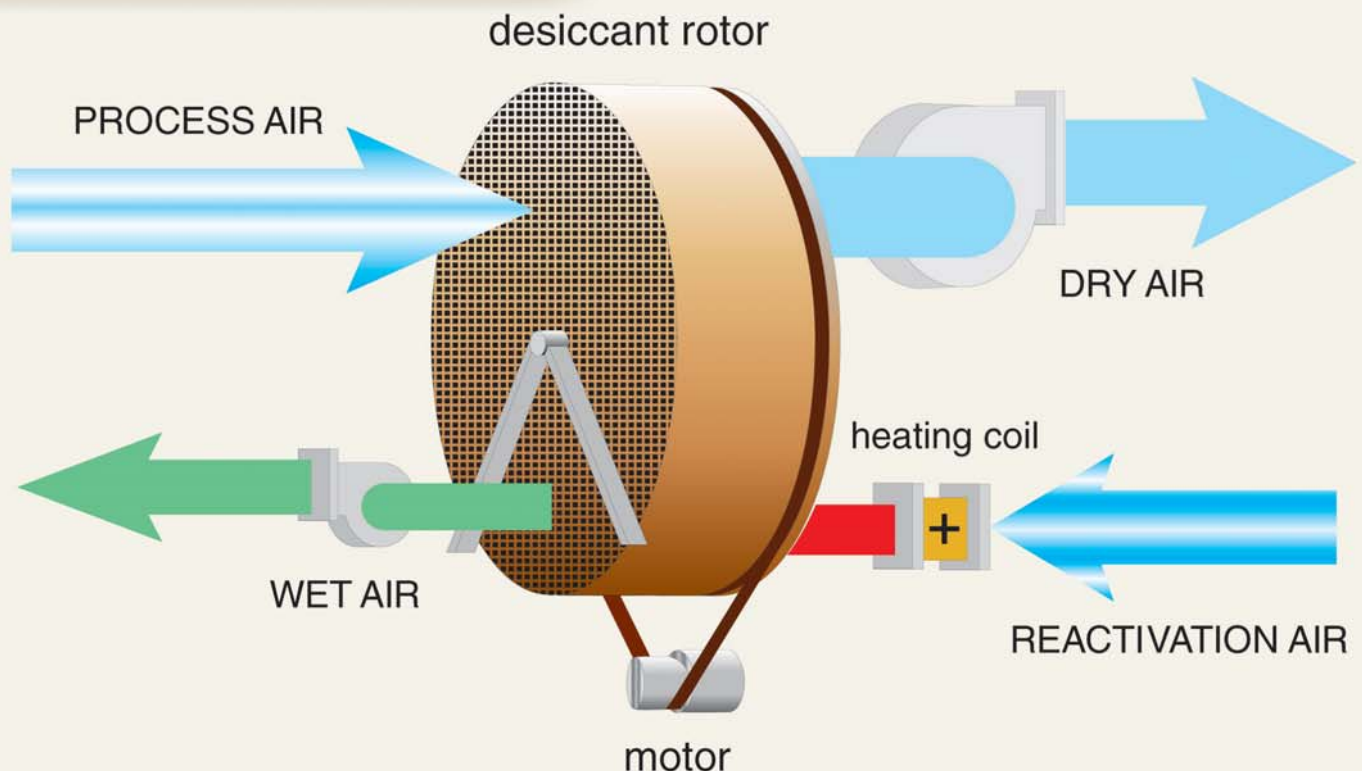
DESICCANT DEHUMIDIFIER

MDC8000



Desiccant dehumidifier MDC8000 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. Casings are made of sheet steel with 40mm rock wool insulation, coated by powder painting.

METHOD OF OPERATION



DEHUMIDIFICATION CAPACITY

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

	50%	60%	70%	80%	90%
5°C	24,5	28,1	33	37	40
10°C	32	37,3	42,1	46,2	51
20°C	48,2	54	59	62,7	66,1
30°C	57,3	62	66,1	69,8	71,6

TECHNICAL DATA

Process air

Rated airflow (m³/h) 8000
Available static pressure (Pa) 280

Reactivation air

Rated airflow (m³/h) 2500
Available static pressure (Pa) 150

Power supply

(3 x 400 V, 50 Hz) 81 kW
Current (A / phase) 120 A

Miscellaneous data

Weight 1000 kg
Operating temperature (°C) -30/+40
Max noise level unducted (dBA) 73
Air filter G3
IEC protective class IP44

DIMENSIONS

