

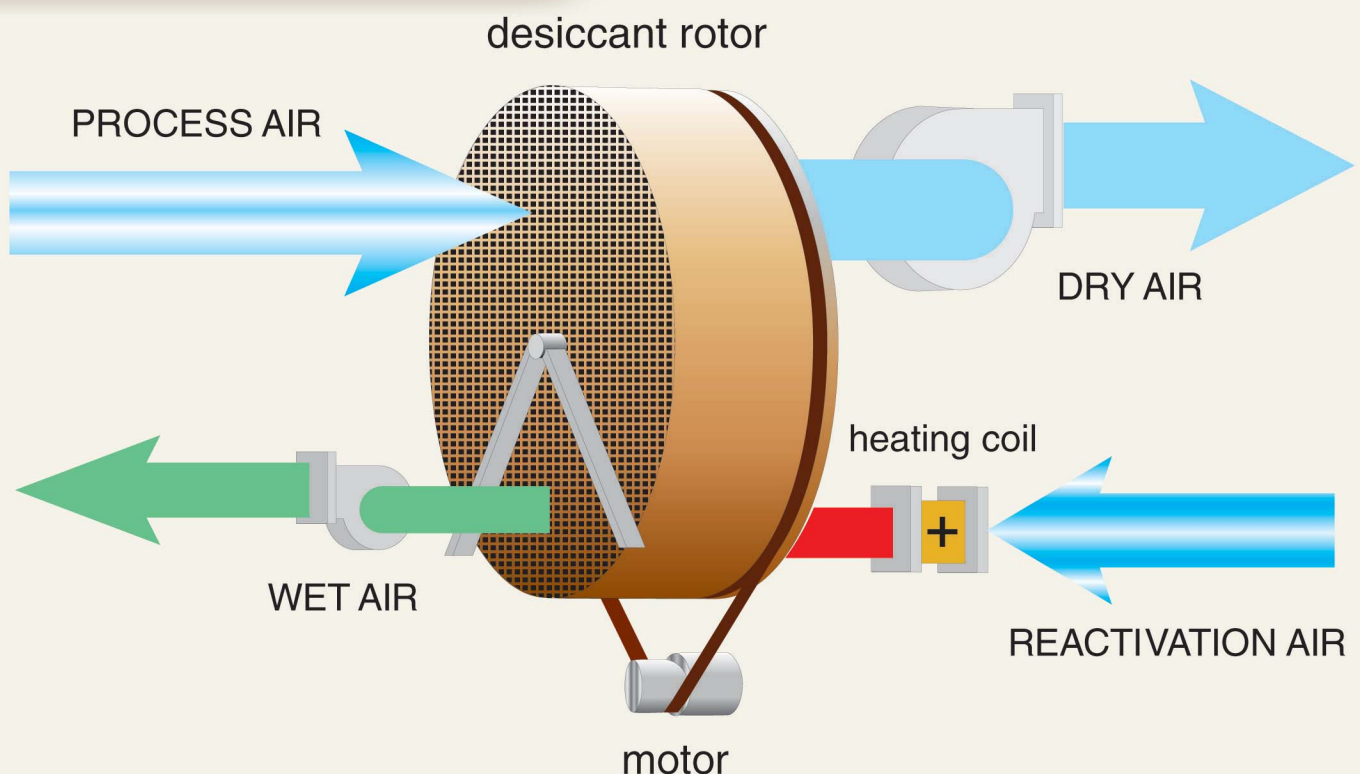
TECHNICAL DATA SHEET

DESICCANT DEHUMIDIFIER MDC5000



Desiccant dehumidifier MDC5000 designed for general purposes – room air dehumidification and process drying. Especially suitable for low temperature and low humidity operation. Unit includes desiccant rotor, fans with EC driven motor, filters, reactivation heaters and controls. Panels are insulated with rock wool insulation. Casing – stainless steel.

METHOD OF OPERATION



TECHNICAL DATA SHEET

DESICCANT DEHUMIDIFIER

MDC5000

DEHUMIDIFICATION CAPACITY

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

	50%	60%	70%	80%	90%
5°C	13,6	15,8	18,0	19,7	21,8
10°C	18,0	21,0	23,0	25,8	28,0
20°C	27,1	30,0	32,0	34,2	35,0
30°C	33,0	35,0	36,4	37,0	37,4

TECHNICAL DATA

Process air

Rated airflow (m³/h)

5000

Available static pressure (Pa)

260

Reactivation air

Rated airflow (m³/h)

1600

Available static pressure (Pa)

280

Power supply

(3 x 400 V, 50 Hz)

40,0 kW

Miscellaneous data

Weight

450 kg

Operating temperature (°C)

-30/+40

Max noise level unducted (dBA)

70

Air filter

G3

IEC protective class

P44

DIMENSIONS

