

# Dehumidifier Recusorb **DR-010B MH-1**



Dehumidifying capacity at 20°C / 60%RH

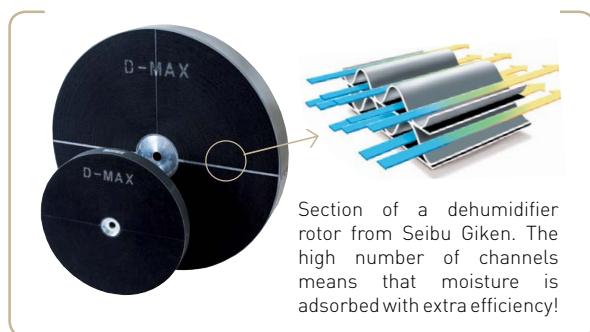
**0.5 kg/h**

Dry air flow

**190 m<sup>3</sup>/h**

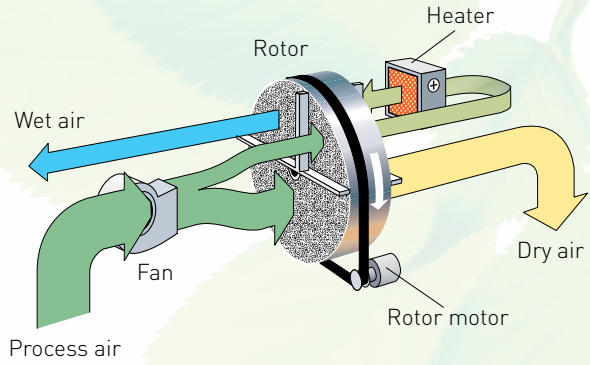
- Built in humidistat
- Washable rotor
- No desiccant carry-over
- Self-regulating heater
- Easy to maintain
- Long lifetime

With humidistat; only for installations where the unit is installed in the dehumidified room.



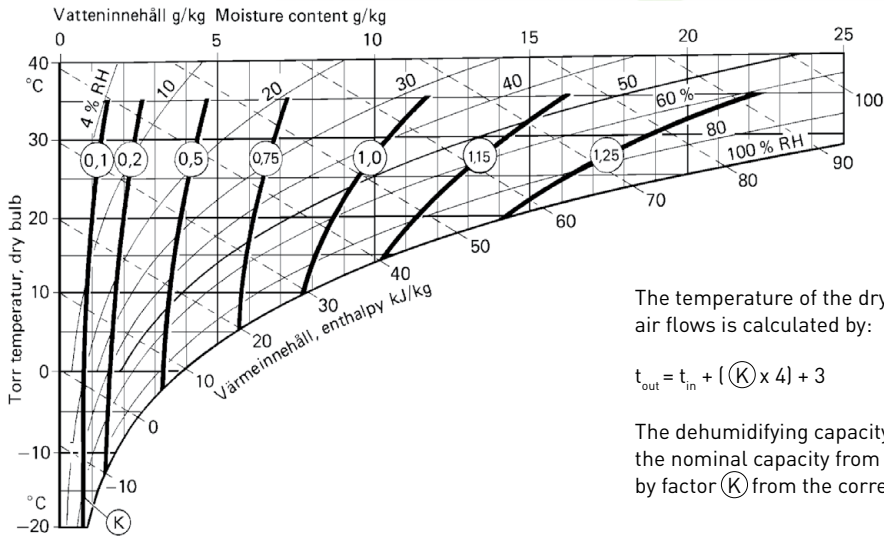
TECHNICAL DATA

Dehumidifier model	DR - 010B MH1
Nominal capacity <sup>1</sup> (kg/h)	0.5
Dry air flow <sup>2</sup> (m <sup>3</sup> /h)	190
Wet air flow <sup>2</sup> (m <sup>3</sup> /h)	40
Heater current <sup>3</sup> (A/W)	3 / 690
Maximum electric consumption (kW)	0.8
Supply fuse 230V / 50Hz, (A)	10
Weight (kg)	12



- <sup>1</sup> Valid for inlet conditions 20°C/60%RH. For other inlet conditions the capacity can be calculated by using the correction factor from the diagram shown below.
- <sup>2</sup> Volume flow for density 1.20 kg/m<sup>3</sup>. Free blowing.
- <sup>3</sup> The design of the PTC heater enables the power to be regulated by controlling the wet air flow.

CORRECTION DIAGRAM

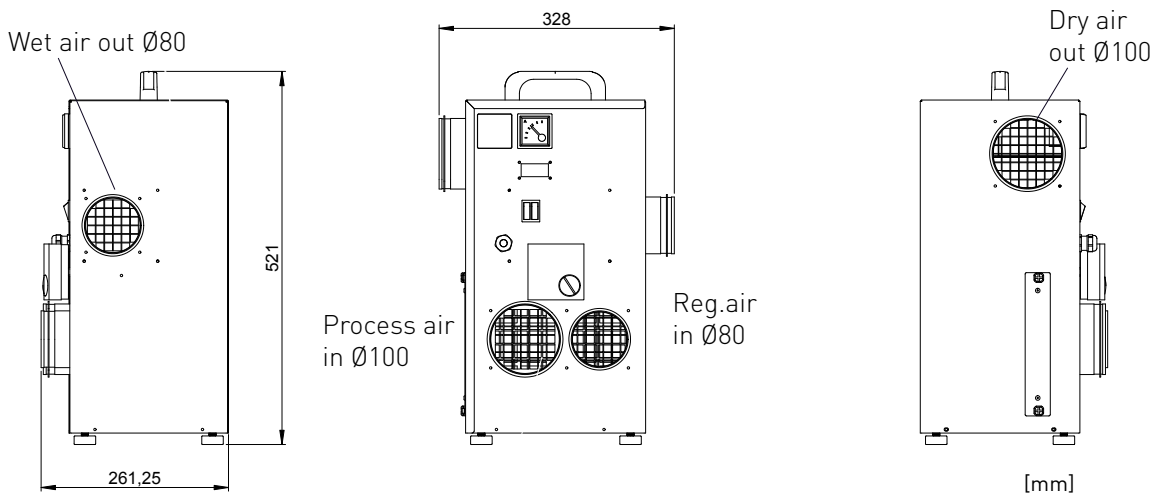


The temperature of the dry air at nominal air flows is calculated by:

$$t_{out} = t_{in} + (K \times 4) + 3$$

The dehumidifying capacity is estimated as the nominal capacity from above, multiplied by factor (K) from the correction diagram.

DIMENSIONS



Subject to change without notice. Download installation drawing at [www.dst-sg.com](http://www.dst-sg.com)

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