Dehumidifier Recusorb

R-060BR

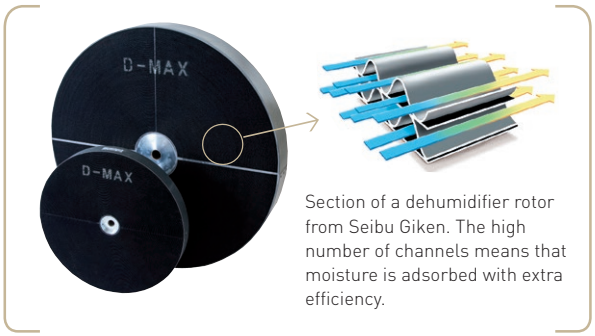
Dehumidifying capacity at 20°C / 60%RH

4,6 kg/h

Dry air flow

1 000 m³/h

- Built-in heat recovery
- Low dry air temperature
- Long lifetime
- Washable rotor
- No desiccant carry-over
- Stainless steel chassis

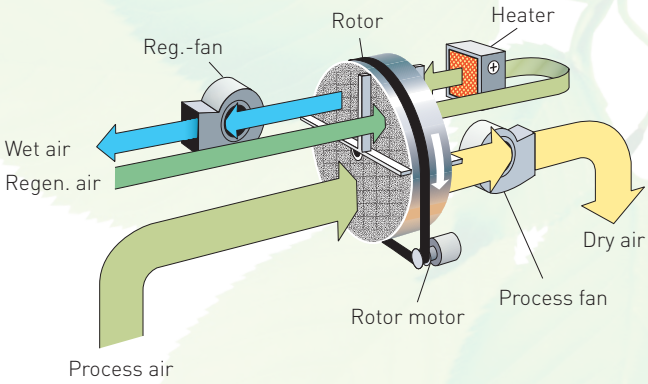


Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.

DST Seibu Giken

TECHNICAL DATA

Dehumidifier model	R-060BR
Nominal capacity[1] (kg/h)	4,6
Dry air flow[2] (m^3/h)	1 000
Static pressure at disposal	200
Wet air flow[3] (m^3/h)	250
Static pressure at disposal	50
Heater power (kW)	6
Maximum electric consumption (kW)	6,4
Supply fuse 3 x 230/400V 50Hz (A)	25 /16
Weight (kg)	63

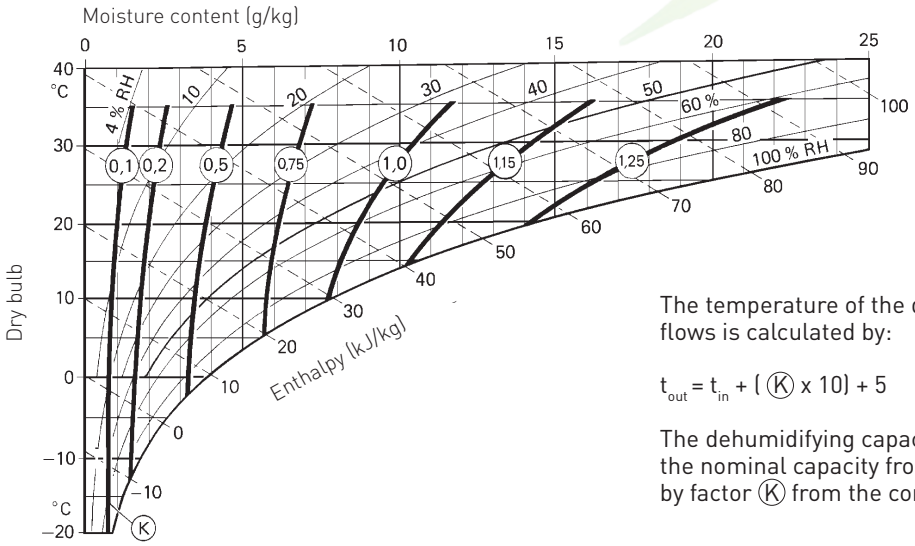


[1] Valid for inlet conditions 20°C/60%RH. For other inlet conditions the capacity can be calculated by using the correction factor from the diagram shown below.

[2] Volume flow for density 1,20 kg/m^3.

[3] Volume flow for density 1,20 kg/m^3. Freeblowing.

CORRECTION DIAGRAM

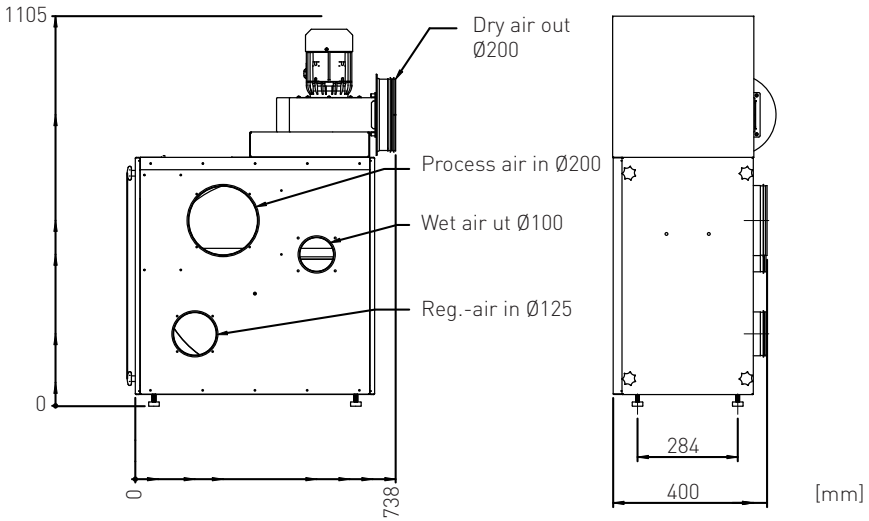


The temperature of the dry air at nominal air flows is calculated by:

$t_{out} = t_{in} + (K \times 10) + 5$

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

Seibu Giken DST AB
Avestagatan 33 | 163 53 Spånga, Sweden
Tel +46 8 445 77 20 | Fax +46 8 445 77 39
www.dst-sg.com | info@dst-sg.com

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