Dehumidifier Recusorb

DR-20B / 30D

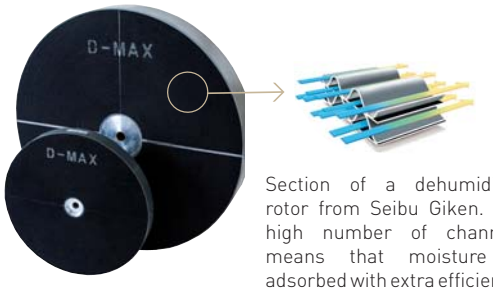
Dehumidifying capacity at 20°C / 60%RH

0.8 - 1.1 kg/h

Dry air flow

330 - 360 m³/h

- Washable rotor
- Protected control panel
- Stainless steel chassis
- Self-regulating heater
- Fold-flat handle
- Long lifetime
- Easy access to filter

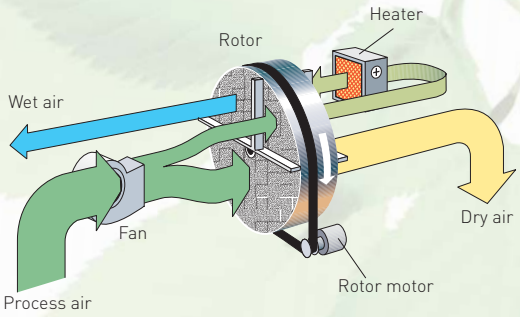


Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency!

DST Seibu Giken

TECHNICAL DATA

Dehumidifier model	DR-20B	DR-30D
Nominal capacity[1] (kg/h)	0.8	1.1
Dry air flow[2] (m^3/h)	330	360
Wet air flow[2] (m^3/h)	60	75
Heater current[3] (A)	4.5	6.5
Maximum electric consumption (kW)	1.2	1.7
Supply fuse 230V / 50Hz, (A)	10	10
Weight (kg)	15	17

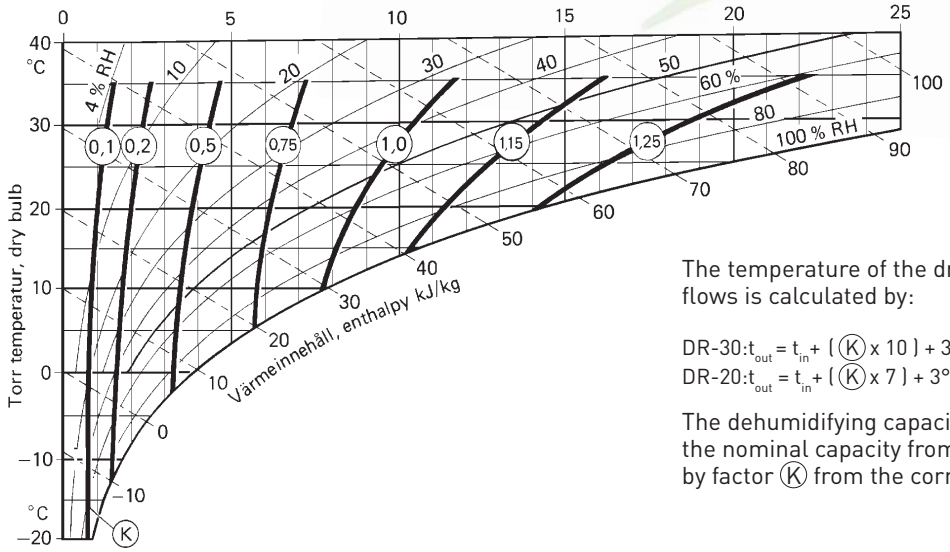


[1] Valid for inlet conditions 20°C/ 60%RH. For other inlet conditions the capacity can be calculated by using the correction factor from the diagram shown below.

[2] Volume flow for density 1.20 kg/m^3. Free blowing.

[3] The design of the PTC heater enables the power to be regulated by controlling the wet air flow.

CORRECTION DIAGRAM

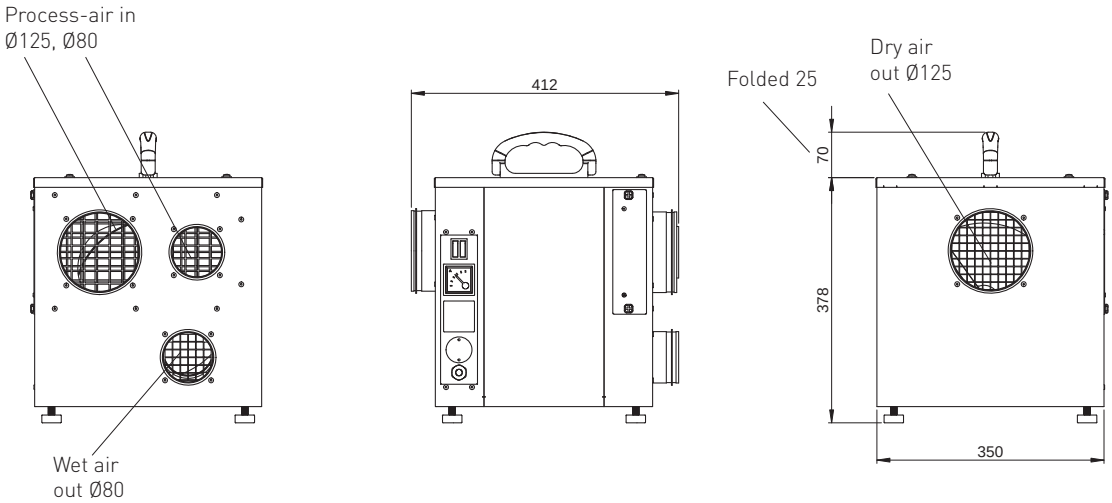


The temperature of the dry air at nominal air flows is calculated by:

DR-30: $t_{out} = t_{in} + (K \times 10) + 3°C$
DR-20: $t_{out} = t_{in} + (K \times 7) + 3°C$

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

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