

# Dehumidifier Consorb DC-50R



*Dehumidifying capacity at 20°C / 60%RH*

**3 kg/h**

*Dry air flow*

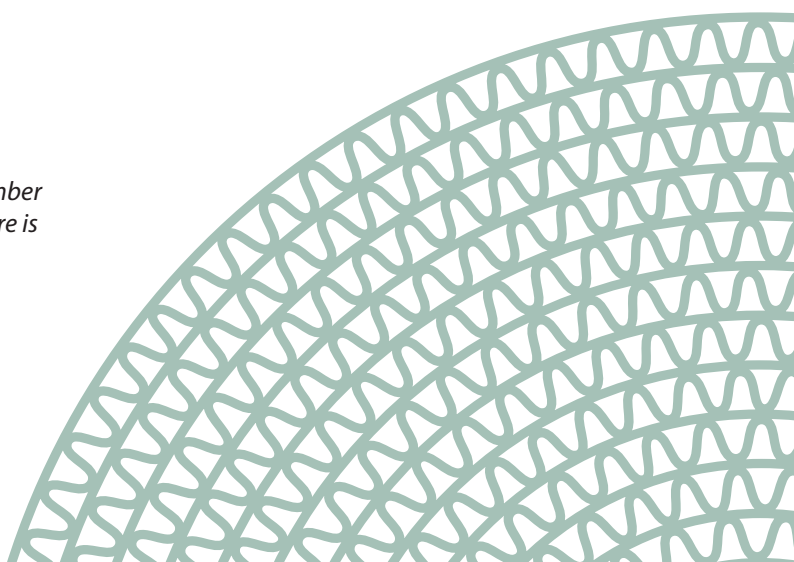
**550 m<sup>3</sup>/h**

- Washable rotor
- No desiccant carry-over
- Stainless steel chassis
- Easy to maintain
- Long lifetime



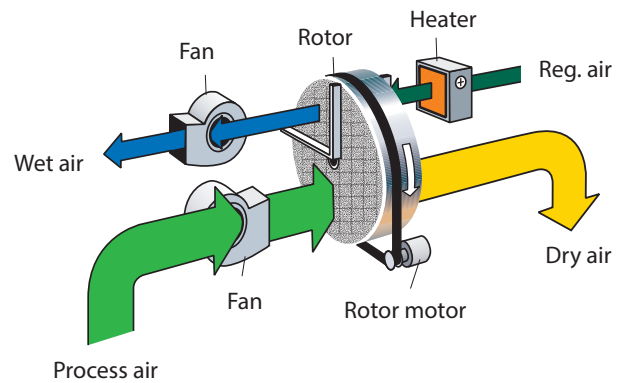
*Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.*

*World leaders in dehumidification.*



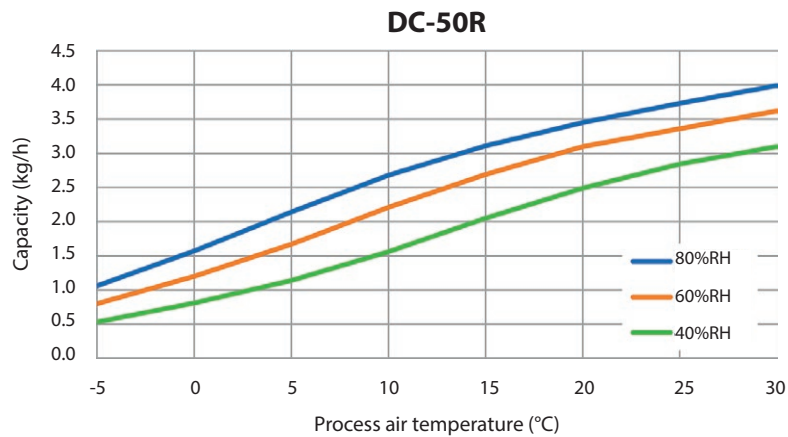
# TECHNICAL DATA

Dehumidifier model	DC-50R
Nominal capacity <sup>1</sup> (kg/h)	3.0
Dry air flow <sup>2</sup> (m <sup>3</sup> /h)	550
Static pressure at disposal (PA)	150
Wet air flow <sup>2</sup> (m <sup>3</sup> /h)	150
Static pressure at disposal (PA)	100
Heater power (kw)	5.0
Total power (kW)	5.5
Supply fuse 3 x 400 V / 50Hz, (A)	16
Weight (kg)	63



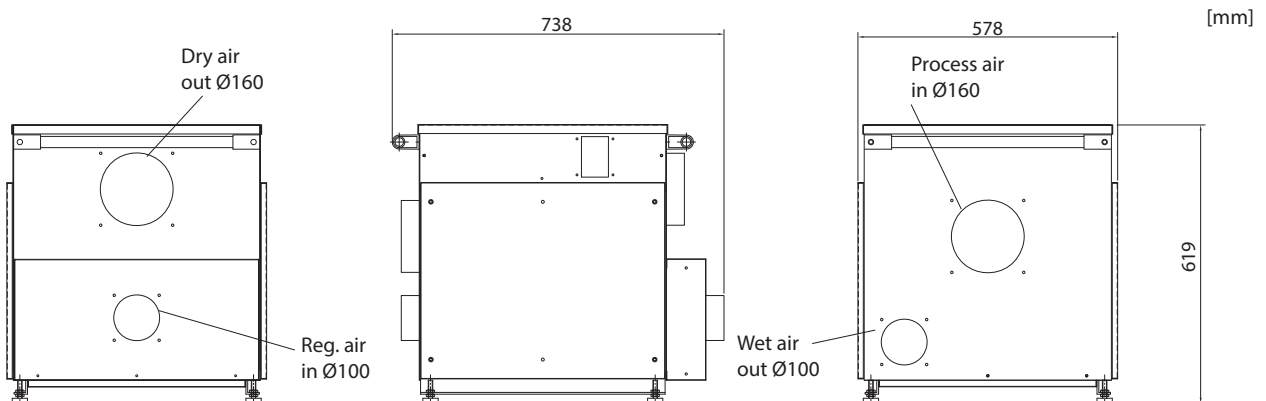
1. Valid for inlet conditions 20°C/60%RH. For other inlet conditions the capacity can be calculated by using the correction factor from the diagram shown below.
2. Volume flow for density 1.20 kg/m<sup>3</sup>.

# 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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