

# Dehumidifier Consorb **DC-50R**



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

**3 kg/h**

*Dry air flow*

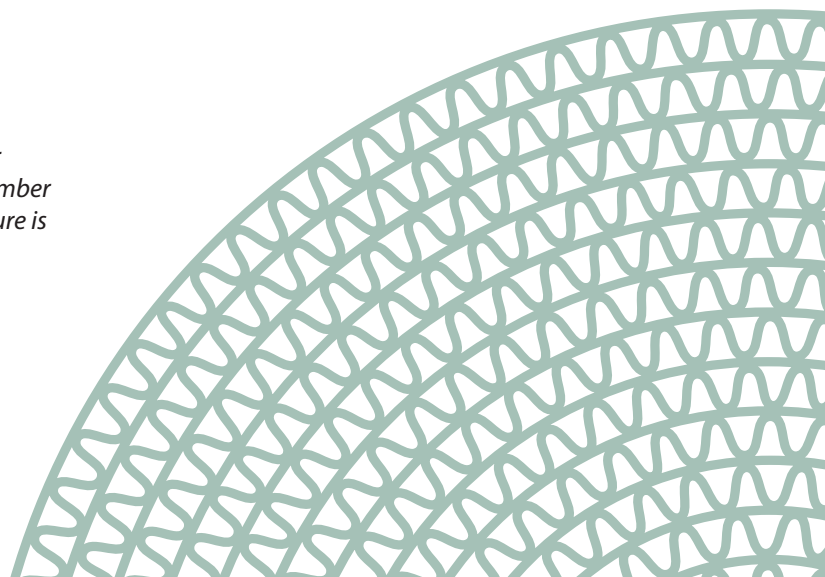
**550 m<sup>3</sup>/h**

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



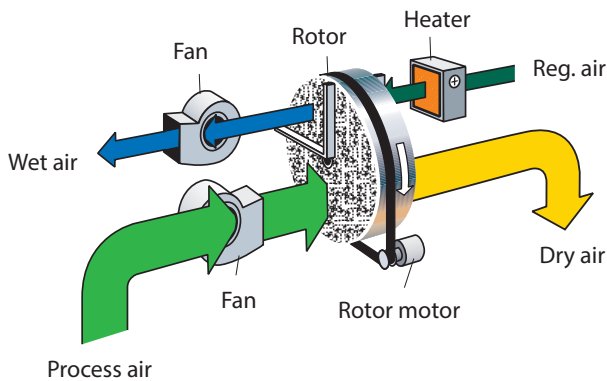
Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.

*World leaders in dehumidification.*



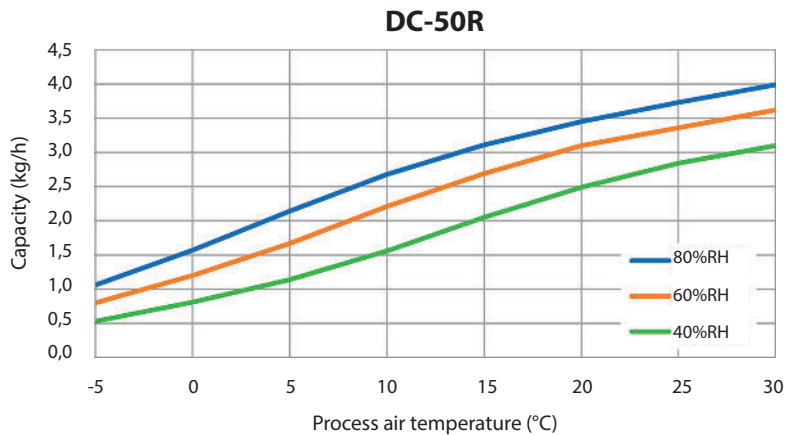
# TECHNICAL DATA

| Dehumidifier model                   | DC-50R |
|--------------------------------------|--------|
| Nominal capacity <sup>1</sup> (kg/h) | 3,0    |
| Dry air flow <sup>2</sup> (m³/h)     | 550    |
| Static pressure at disposal (PA)     | 150    |
| Wet air flow <sup>2</sup> (m³/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     |



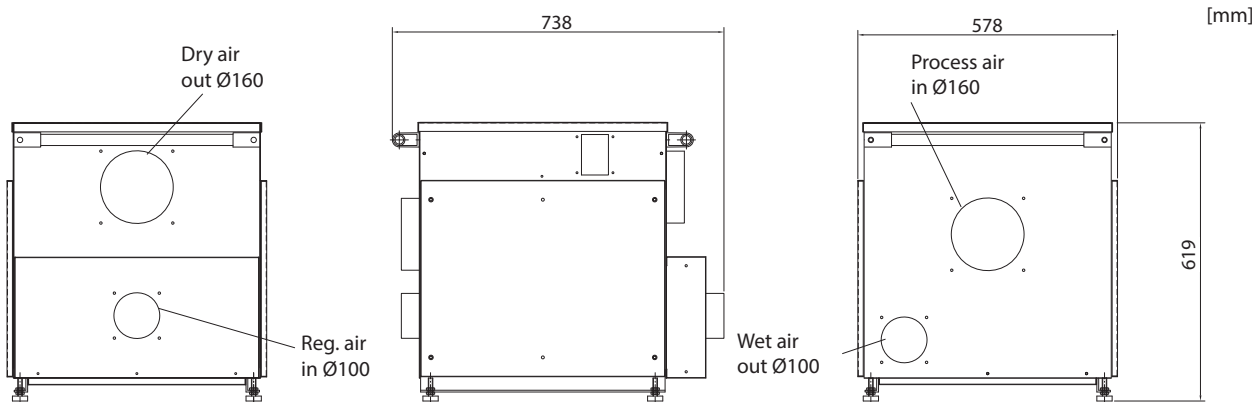
1. Valid for inlet conditions 20°C/60%RH. For other inlet conditions the capacity can be calculated by using the correction factor from the diagram shown below.
2. Volume flow for density 1.20 kg/m³.

# CORRECTION DIAGRAM



# DIMENSIONS

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



Updated 19.04