

# Dehumidifier CONSORB DC-50 R

Dehumidifying capacity  
at 20°C / 60%RH

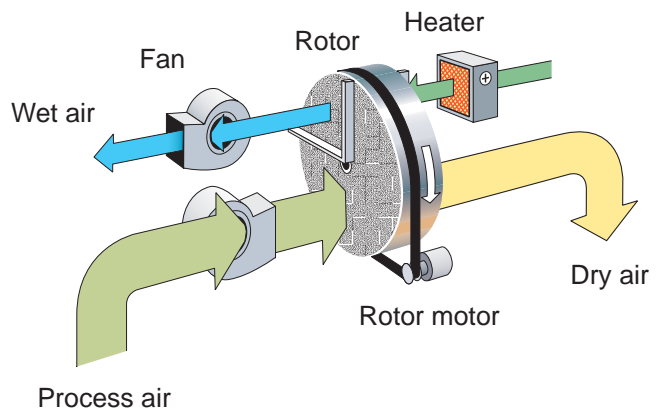
**3.0 kg/h**

Dry air flow

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

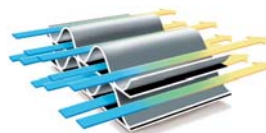


- Washable rotor
- No desiccant carry-over
- Stainless steel chassis
- Easy to maintain
- Long lifetime



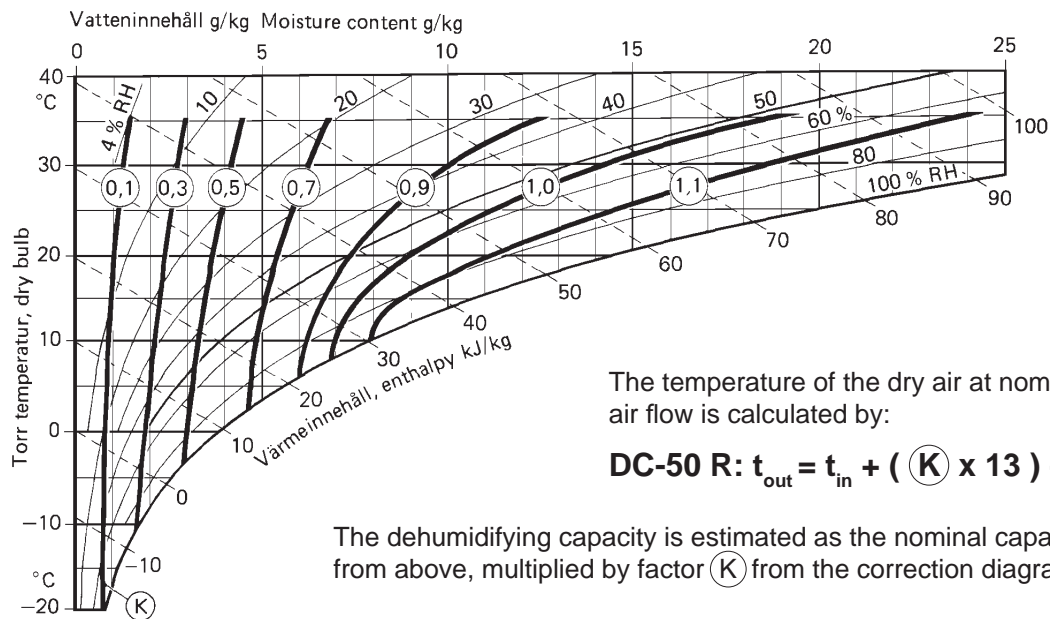
Contains the SSCR rotor  
-one step ahead in  
adsorption technology

The high number of channels  
means that moisture is adsorbed  
with extra efficiency!



Dehumidifier model	DC- 50 R
Nominal capacity *	3.0 kg/h
Dry air flow**	550 m <sup>3</sup> /h
Static pressure at disposal	150 Pa
Wet air flow **	150 m <sup>3</sup> /h
Static pressure at disposal	100 Pa
Heater power	5 kW
Total power	5.5 kW
Supply fuse 3 x 400 V / 50Hz	16A
Weight	63 kg

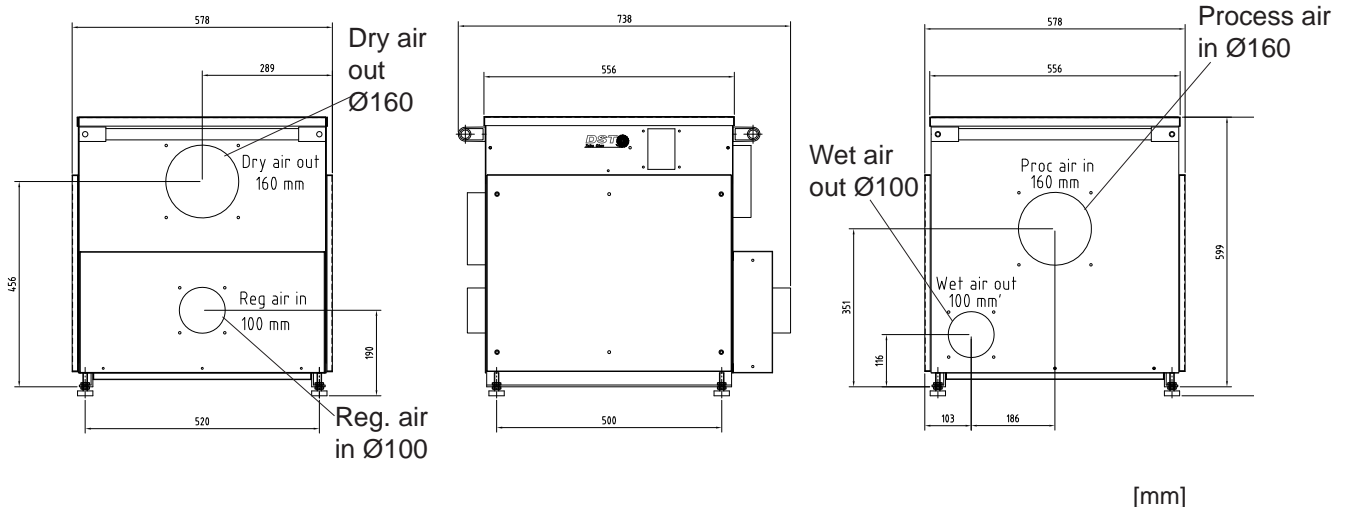
\* Valid for inlet conditions 20°C/60%RH. For other inlet conditions the capacity can be calculated by using the correction factor from the diagram shown below.  
 \*\* Volume flow for density 1.20 kg/m<sup>3</sup>.



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

$$DC-50 R: t_{out} = t_{in} + (K \times 13) + 5$$

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



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

**Seibu Giken DST AB**  
 Avestag, 33, S-163 53 Spånga, Sweden  
[www.dst-sg.com](http://www.dst-sg.com)  
 E-mail: [info@dst-sg.com](mailto:info@dst-sg.com)  
 tel: 08-4457720; fax: 08-4457739

Representative: