

# Dehumidifier RECUSORB RZ-71/81/101/102

Dehumidifying capacity  
at 20°C / 60%RH

**14 - 50 kg/h**

Dry air flow

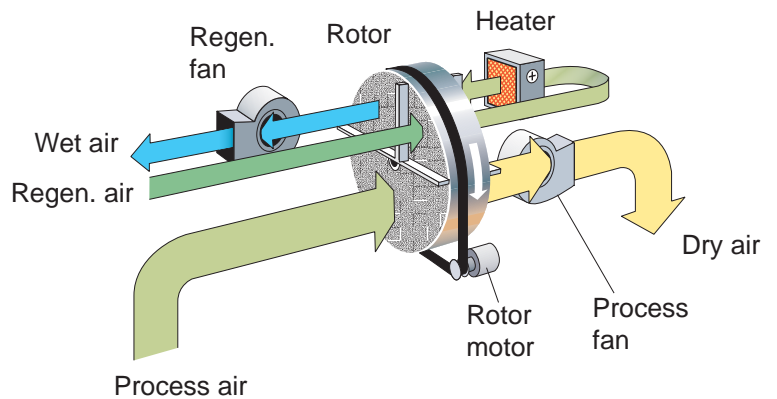
**2500 - 7000 m<sup>3</sup>/h**



RZ-101

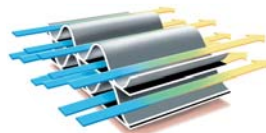
RZ-81

- Washable rotor
- No desiccant carry-over
- Ideal for storage applications
- Built-in heat recovery
- Low dry air temperature
- 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!

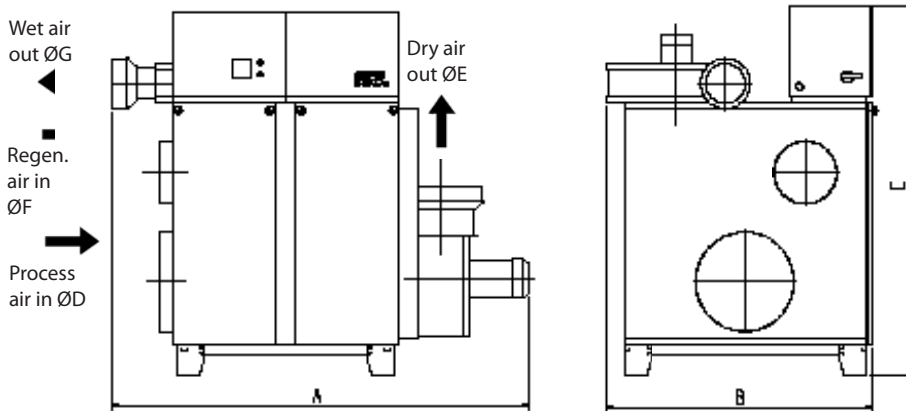
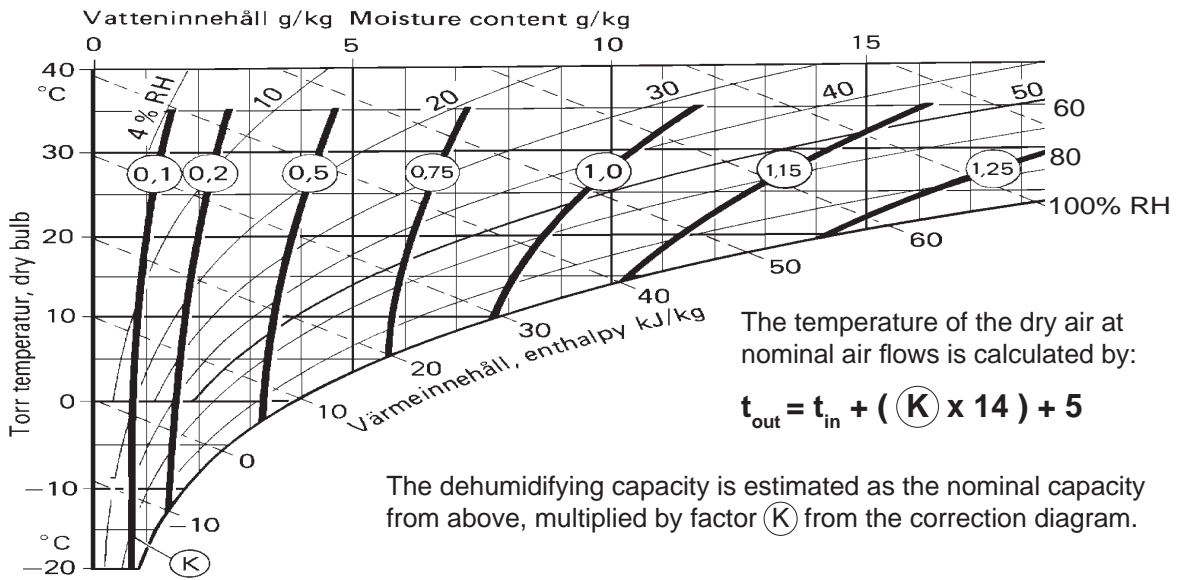


Dehumidifier model	RZ-71	RZ-81	RZ-101	RZ-102
Nominal capacity *	14 kg/h	19 kg/h	30 kg/h	50 kg/h
Dry air flow **	2500 m <sup>3</sup> /h	2800 m <sup>3</sup> /h	4500 m <sup>3</sup> /h	7000 m <sup>3</sup> /h
Static pressure at disposal	400 Pa	400 Pa	400 Pa	400 Pa
Wet air flow **	780 m <sup>3</sup> /h	1000 m <sup>3</sup> /h	1800 m <sup>3</sup> /h	2500 m <sup>3</sup> /h
Static pressure at disposal	200 Pa	200 Pa	200 Pa	200 Pa
Heater power ***	16 kW	24 kW	40 kW	63 kW
Maximum electric consumption	19 kW	27 kW	45 kW	72 kW
Supply fuse 3x 230/400V 50Hz	63 / 35 A	80 / 50 A	125 / 80 A	250 / 125 A
Weight	280 kg	294 kg	380 kg	503 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>.

\*\*\* Available with electric heater, steam heater or gas heater.



Please note: Preliminary dimensions for unit RZ-71

Dimensions for RZ units [mm]				
RZ-	71	81	101	102
A	1800	1800	2100	2200
B	950	950	1340	1250
C	1500	1550	1850	1940
D	400	400	500	630
E	250	250	400	500
F	200	200	315	400
G	160	160	250	315

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

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