

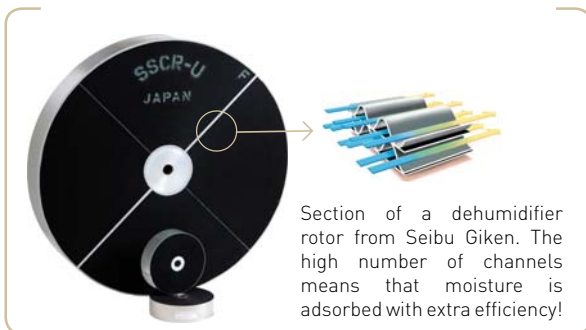
# Dehumidifier Consorb **CZ-82/102 HW**



Dehumidifying capacity at 20°C / 60% RH  
**19 - 50 kg/h**

Dry air flow  
**3200 - 7200 m<sup>3</sup>/h**

- ↳ Washable rotor
- ↳ No desiccant carry-over
- ↳ Suitable for high ambient water contents
- ↳ Long lifetime
- ↳ Hot water regeneration

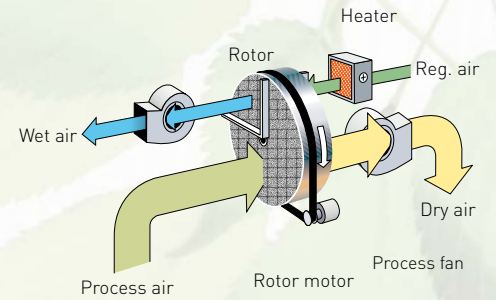


Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency!



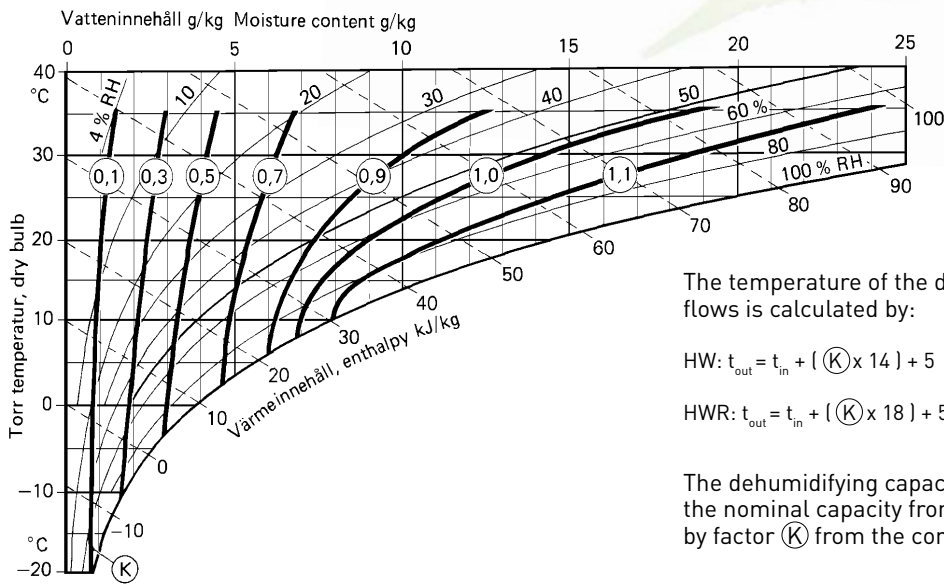
TECHNICAL DATA

Dehumidifier model	CZ-82HW	CZ-102HW	CZ-82HWR 60-40	CZ-102HWR 60-40
Nominal capacity <sup>1</sup> (kg/h)	19	36	23	50
Dry air flow <sup>2</sup> (m <sup>3</sup> /h)	3200	7200	3200	7200
at static pressure (Pa)	200	200	200	200
Wet air flow <sup>2</sup> (m <sup>3</sup> /h)	1600	3000	1600	3000
at static pressure (Pa)	200	200	200	200
Electric heater power (kW)	0	0	30	60
Total power (kW)	4,5	9,5	34,5	69,5
Supply fuse 3x400V 50Hz (A)	16	25	50	100
Hot water heater 80°C/60°C (kW)	30	56	30	56
Weight (kg)	600	800	850	900

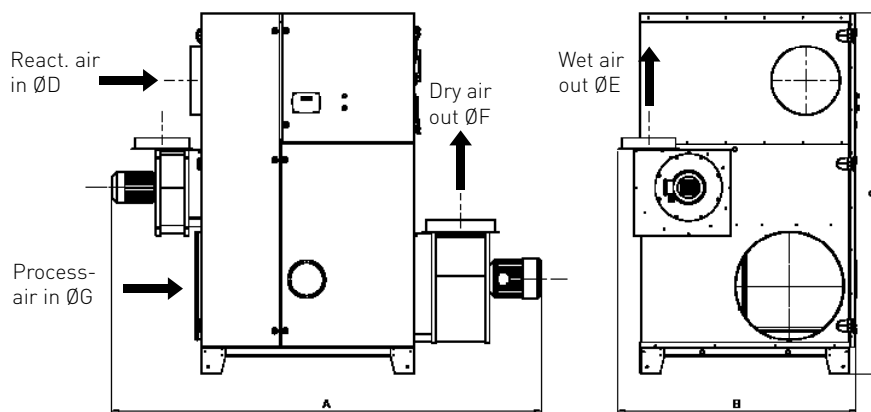


- <sup>1</sup> Valid for inlet conditions 20°C/ 60% RH. For other inlet conditions the capacity can be calculated by using the diagram shown below.
- <sup>2</sup> Volume flow for density 1.20 kg/m<sup>3</sup>.

CORRECTION DIAGRAM



DIMENSIONS



CZ	82	102	102L	104
A	2370	2510	2551	2890
B	1065	1375	1375	1265
C	1905	2105	2105	2105
D	Ø250	Ø400	Ø400	Ø400
E	Ø160	Ø315	Ø315	Ø315
F	Ø400	Ø400	400x940	350x840
G	Ø400	Ø630	Ø630	Ø630