

Dehumidifer Consorb
CZ-82/102/102L/104



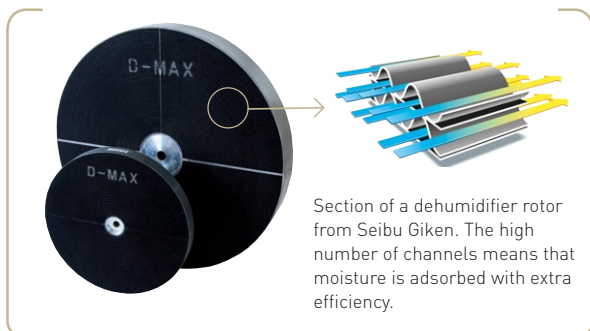
Dehumidifying capacity at 20°C / 60%RH

22 - 65 kg/h

Dry air flow

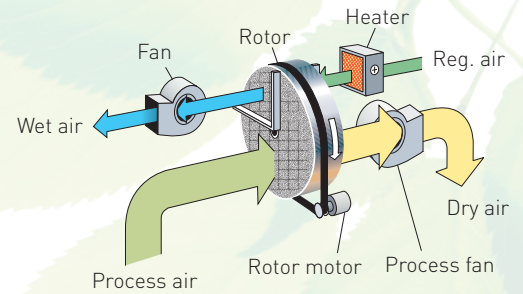
3 200 - 8 000 m³/h

- ✓ Washable rotor
- ✓ Long lifetime
- ✓ No desiccant carry-over
- ✓ Suitable for high ambient water contents
- ✓ Excellent deep drying ability
- ✓ Option:
 - Hot-water coil for regeneration air pre-heating
 - Process fan equipped with frequency converter



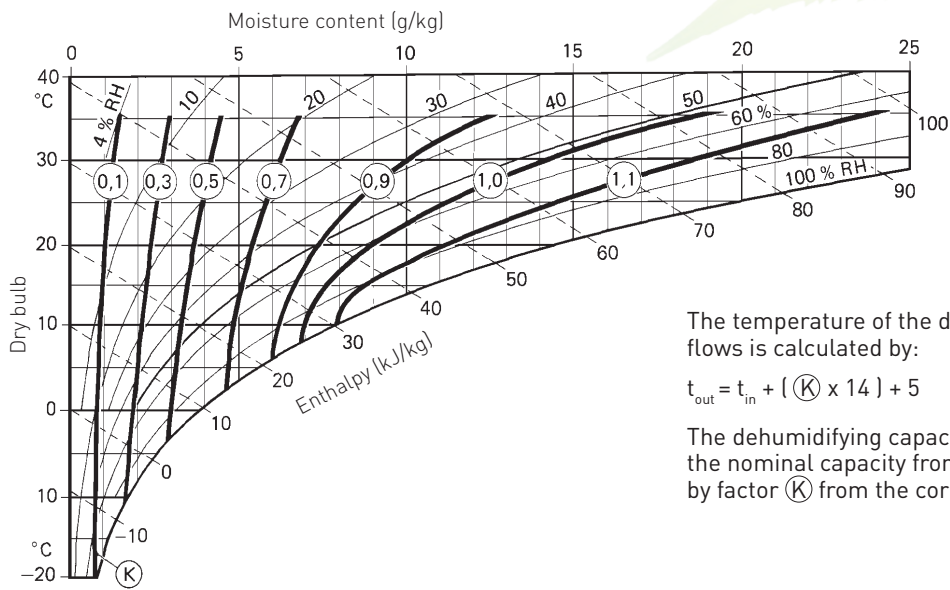
TECHNICAL DATA

Dehumidifier model	CZ-82	CZ-102	CZ-102L	CZ-104
Nominal capacity ¹ (kg/h)	22	36	50	65
Dry air flow ² (m ³ /h)	3 200	5 200	7 200	8 000
at static pressure (Pa)	200	200	200	200
Wet air flow ² (m ³ /h)	850	1 400	2 000	2 500
at static pressure (Pa)	200	200	200	200
Heater power ³ (kW)	30	50	74	95
Max. electric consumption (kW)	34,1	54,5	81,7	106,5
Supply fuse 3x400V 50Hz (A)	63	100	160	200
Weight (kg)	300	380	400	560



- ¹ Valid for inlet conditions 20°C/60%RH. For other inlet conditions the capacity can be calculated by using the diagram shown below.
- ² Volume flow for density 1,20 kg/m³.
- ³ Electric reactivation heater is standard. Steam and hot water is optional.

CORRECTION DIAGRAM

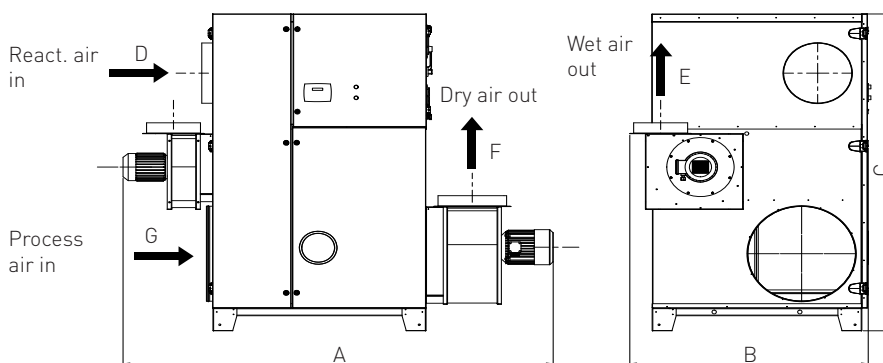


The temperature of the dry air at nominal air flows is calculated by:

$$t_{out} = t_{in} + (K \times 14) + 5$$

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

DIMENSIONS



CZ	82	102	102L	104
A	2 370	2 510	2 551	2 890
B	1 065	1 375	1 375	1 265
C	1 905	2 105	2 105	2 105
D	Ø250	Ø400	Ø400	Ø400
E	Ø160	Ø315	Ø315	Ø315
F	Ø400	Ø400	400x940	350x840
G	Ø400	Ø630	Ø630	Ø630

Subject to change without notice. Download installation drawing at www.dst-sg.com

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