

Dehumidifier Consorb

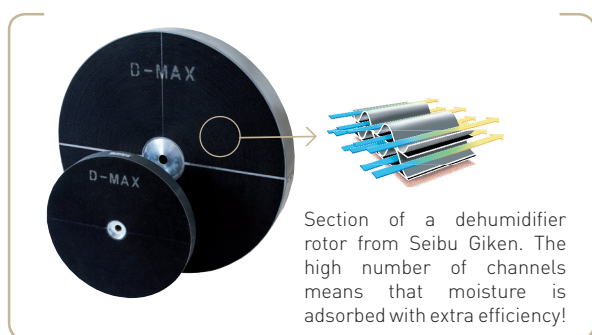
CZ-082/102/102 L/104 ICE



Dehumidifying capacity at 20°C / 60% RH
23.5 - 69 kg/h

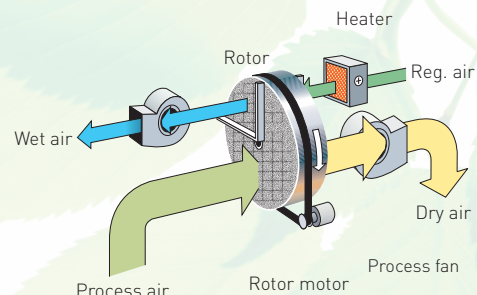
Dry air flow
8000 - 12000 m³/h

- ↳ Washable rotor
- ↳ No desiccant carry-over
- ↳ Suitable for high ambient water contents
- ↳ Long lifetime
- ↳ High dehumidifying capacity at low moisture contents



TECHNICAL DATA

Dehumidifier model ICE	CZ-082	CZ-102	CZ-102L	CZ-104
Nominal capacity ¹ (kg/h)	23,5	39	55	69
Dry air flow ² (m ³ /h)	8000	12000	12000	10000
at static pressure (Pa)	200	200	200	200
Wet air flow ² (m ³ /h)	850	1400	2000	2500
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)	600	800	850	900



¹ Valid for inlet conditions 20°C/ 60% RH.

For other inlet conditions the capacity can be calculated by using the diagram shown below.

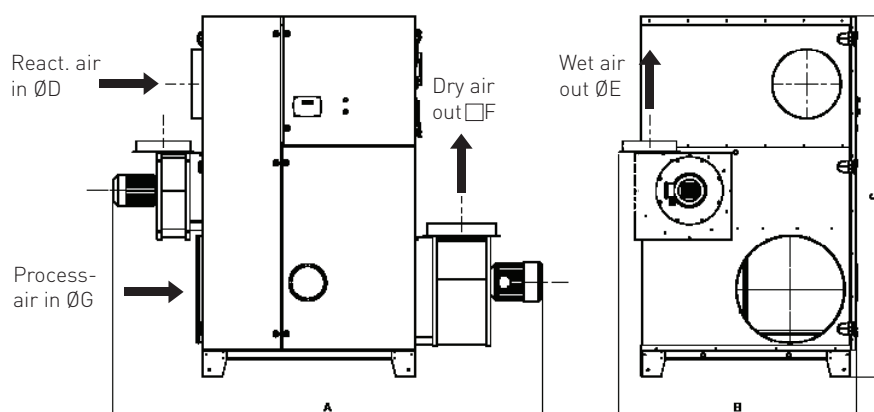
² Volume flow for density 1.20 kg/m³.

³ Electric reactivation heater is standard. Steam and hot water is optional.

CAPACITY

Capacity [kg/h]	10°C			15°C			20°C		
	30%RH	50%RH	70%RH	30%RH	50%RH	70%RH	30%RH	50%RH	70%RH
CZ-082 Ice	15,0	19,0	22,0	17,0	21,0	23,0	18,5	22,0	23,5
CZ-102 Ice	24,0	32,0	36,0	28,0	35,0	39,0	31,0	37,0	39,0
CZ-102L Ice	27,0	40,0	49,0	34,0	47,0	54,0	40,0	51,0	55,0
CZ-104 Ice	25,0	41,0	57,0	34,0	55,0	67,0	46,0	64,0	69,0

DIMENSIONS



CZ	82	102	102L	104
A	2840	2660	2700	2890
B	1065	1375	1375	1265
C	1905	2105	2105	2105
D	Ø250	Ø400	Ø400	Ø400
E	Ø160	Ø315	Ø315	Ø315
F	786X306	880X338	880X338	880X338
G	Ø400	Ø630	Ø630	Ø630

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