

Dehumidifier Recusorb

RZ-81/101/102 ICE, RLZ-82 ICE



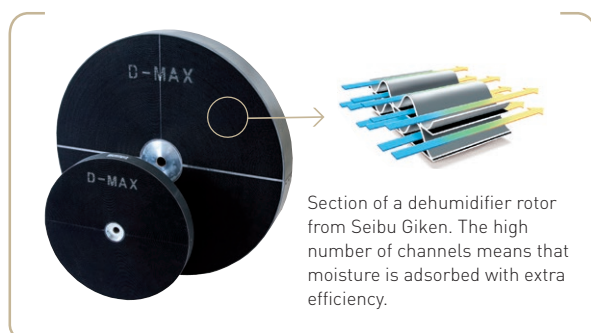
Dehumidifying capacity at 20°C / 60%RH

19,9 - 54 kg/h

Dry air flow

4 500 - 12 000 m³/h

- ↳ Developed for ice-rinks
- ↳ Highly efficient D-MAX rotor
- ↳ No desiccant carry-over
- ↳ Built-in heat recovery
- ↳ Low dry air temperature
- ↳ Long lifetime
- ↳ Process fan equipped with frequency converter as standard (except for model RZ-81 ICE)

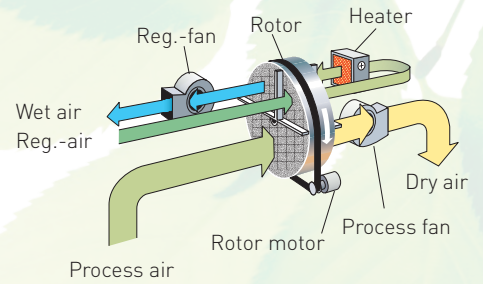


Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.



TECHNICAL DATA

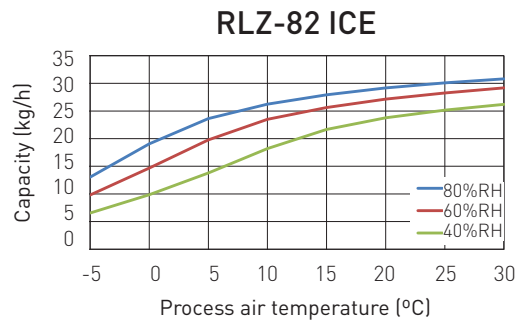
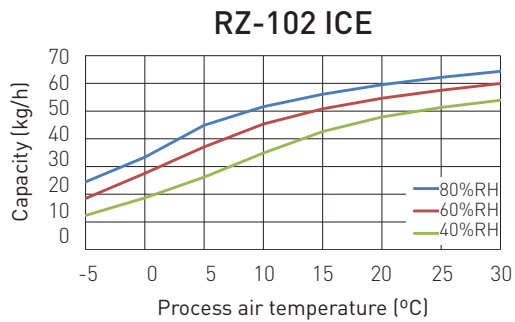
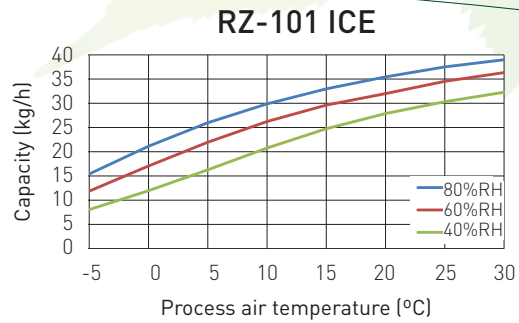
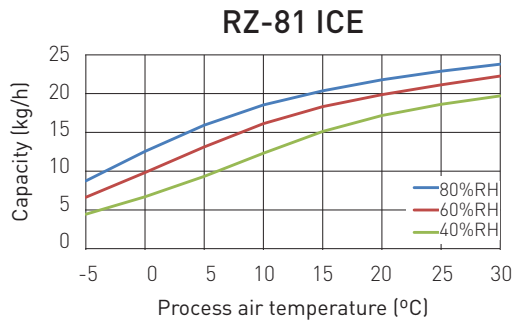
Dehumidifier model ICE	RZ- 81	RLZ- 82	RZ- 101	RZ- 102
Dry air flow ¹ (m ³ /h)	4 500	6 000	9 000	12 000
Static pressure at disposal (Pa)	300	300	300	300
Wet air flow ¹ (m ³ /h)	1 000	1 000	1 800	2 500
Static pressure at disposal (Pa)	200	200	200	200
Heater power ² (kW)	24	30	40	63
Maximum electric consumption (kW)	28	35	47	74
Supply fuse 3x230 / 3x400V 50Hz (A)	80 / 50	125 / 63	125 / 80	250 / 125
Weight (kg)	304	335	390	513



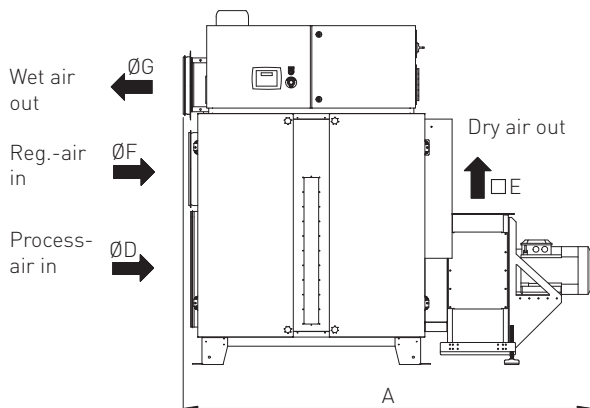
¹ Volume flow for density 1,20 kg/m³.

² Available with electric heater, steam heater or gas heater.

CORRECTION DIAGRAM



DIMENSIONS



Dimensions for Recusorb ICE

RZ-	81	82*	101	102
A	1907	2034	2245	2200
B	950	950	1340	1250
C	1550	1679	1850	2030

Dimensions for Recusorb ICE

RZ-	81	82*	101	102
D	400	400	500	630
F	200	200	315	400
G	160	200	250	315

* RLZ

Dimensions for E, Recusorb ICE

RZ-81:	632 x 236
RLZ-82:	786 x 296
RZ-101:	786 x 296
RZ-102:	886 x 344

[mm]

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

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