

Dehumidifier Recusorb

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



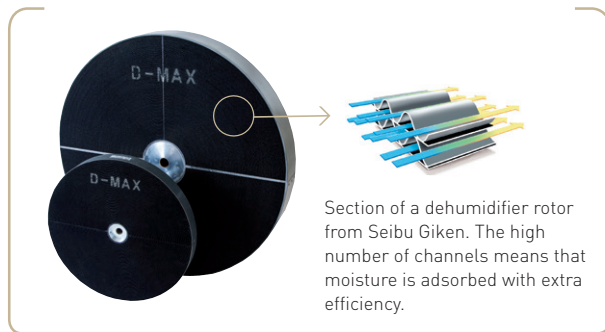
*Dehumidifying capacity at 68°F / 60%RH*

**43 - 119 lbs/hr**

*Dry air flow*

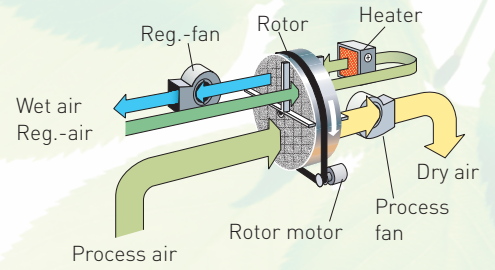
**2,600 - 13,200 CFM**

- ✓ 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)



TECHNICAL DATA

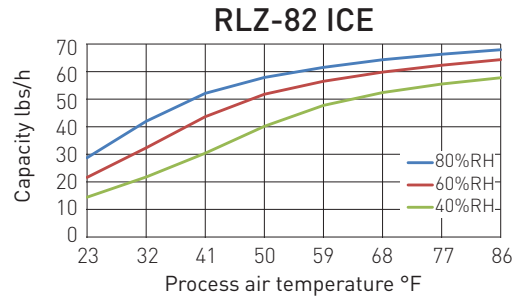
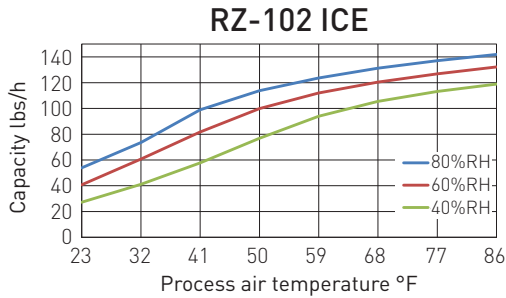
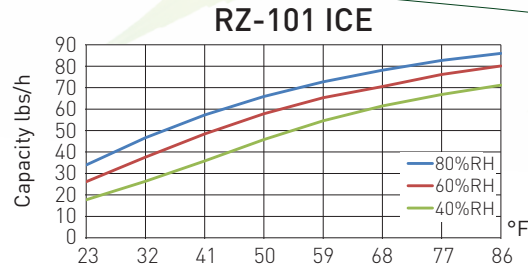
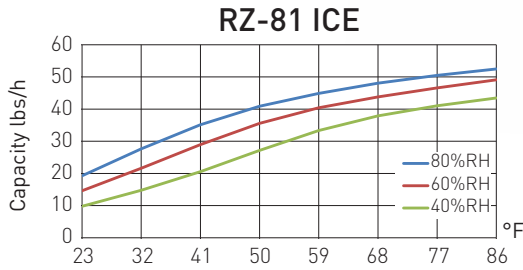
Dehumidifier model ICE	RZ-81	RZ-101	RZ-102	RLZ-82
Nominal capacity <sup>1</sup> (lbs/hr)	43	71	119	60
Dry air flow <sup>1</sup> (CFM)	2,600	5,300	7,100	13,200
Static pressure at disposal (Pa)	1.2	1.2	1.2	1.2
Wet air flow <sup>2</sup> (CFM)	590	1,100	1,500	3,100
Static pressure at disposal (Pa)	0.8	0.8	0.8	0.8
Heater power <sup>2</sup> (kW)	24	40	63	30
Maximum electric consumption	35	58	91	43
Supply fuse 3 x 480V/60Hz (A)	45	63	100	50
Weight (lbs)	670	860	1,131	725



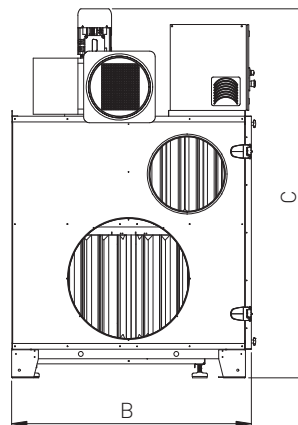
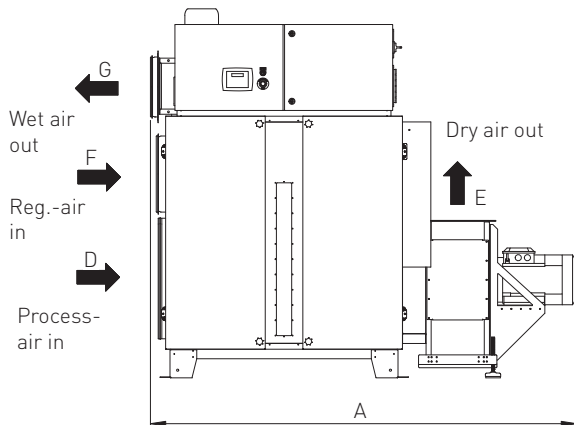
<sup>1</sup> Volume flow for density 0.075 lbs/ft<sup>3</sup>.

<sup>2</sup> Available with electric heater, steam heater or gas heater.

CORRECTION DIAGRAM



DIMENSIONS



Dimensions RZ ICE [inches]				
	RZ-81	RZ-101	RZ-102	RLZ-82
A	75.0	88.5	86.5	80
B	37.5	53.0	49.0	37.5
C	61	73	76.5	66
D	Ø16	Ø19	Ø24	Ø15
E	9.8x3.7	12x4.5	13.6x5	9.8x4.3
F	Ø8	Ø12	Ø15	Ø8
G	Ø6	Ø10	Ø12	15.7x7.4 alt. 10

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

DST America

4700 N. 5th Street Highway, Suite 5 Temple, Pa 19560, USA

Tel +1 (610) 743-5012 | Fax +1 (610) 743-5174

[www.dst-america.com](http://www.dst-america.com) | [info@dst-america.com](mailto:info@dst-america.com)