

Dehumidifier Recusorb

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



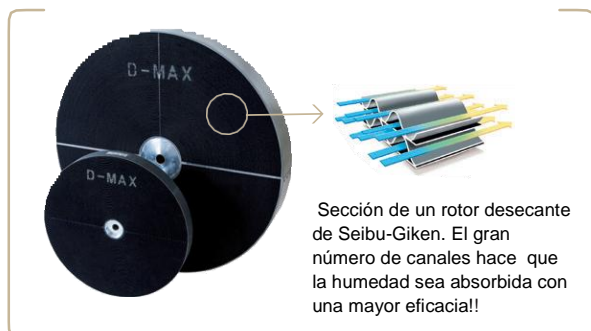
*Dehumidifying capacity at 20°C / 60%RH*

**19.9 - 54 kg/h**

*Dry air flow*

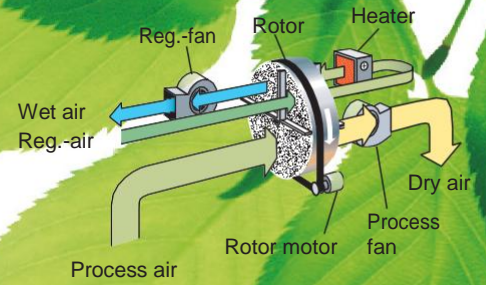
**4 500 - 12 000 m<sup>3</sup>/h**

- ↘ Desarrollado para Pistas de Hielo
- ↘ Rotor D-MAX de alta eficacia
- ↘ Sin pérdida de desecante
- ↘ Recuperación de calor integrada
- ↘ Aire seco a baja temperatura
- ↘ Larga vida útil
- ↘ Ventilador de proceso equipado de serie con convertidor de frecuencia (excepto modelo RZ-81 ICE)



TECHNICAL DATA

Dehumidifier model ICE	RZ- 81	RLZ- 82	RZ- 101	RZ- 102
Caudal aire seco <sup>1</sup> (m <sup>3</sup> /h)	4 500	6 000	9 000	12 000
Presión estática disponible (Pa)	300	300	300	300
Caudal aire húmedo <sup>1</sup> (m <sup>3</sup> /h)	1 000	1 000	1 800	2 500
Presión estática disponible (Pa)	200	200	200	200
Potencia del calentador <sup>2</sup> (kW)	24	30	40	63
Máximo consumo eléctrico (kW)	28	35	47	74
Supply fuse 3x230/3x400V 50Hz (A)	80 / 50	125 / 63	125 / 80	250 / 125
Peso (kg)	304	335	390	513



<sup>1</sup> Volume flow for density 1.20 kg/m<sup>3</sup>.

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

CORRECTION DIAGRAM

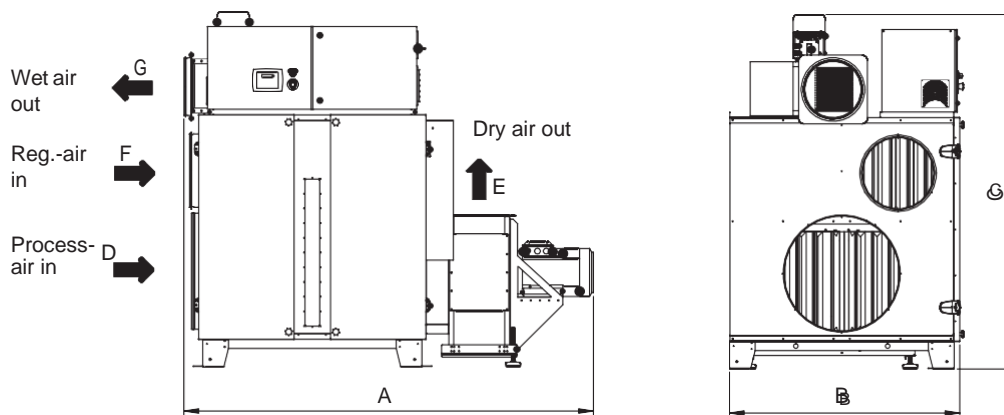
kg/h		10°C			15°C			20°C		
		30%RF	50%RF	70%RF	30%RF	50%RF	70%RF	30%RF	50%RF	70%RF
RZ-81 ICE	*	9,5	14,0	17,0	12,0	16,5	19,0	14,0	18,5	19,9
	**	8,5	13,0	16,0	10,5	15,0	18,5	5,0	17,0	19,0
RLZ-82 ICE	*	14,0	21,0	25,0	17,5	24,0	26,5	21,0	25,5	28,0
	**	13,5	21,0	25,5	16,5	23,5	27,5	19,0	25,0	29,0
RZ-101 ICE	*	16,5	23,5	28,0	21,0	27,5	31,0	24,5	30,0	32,0
	**	14,0	21,5	27,0	17,5	25,0	30,5	20,5	28,0	31,0
RZ-102 ICE	*	27,0	40,5	48,0	35,0	47,0	53,0	42,0	51,0	54,0
	**	24,5	37,0	46,0	31,0	43,5	52,0	36,5	48,0	52,5
* Regeneration and process air at same condition										
** Regeneration air in at 25°C 12 g/kg										

Dimensions for Recusorb ICE				Dimensions for Recusorb ICE				Dimensions for □E, Recusorb ICE	
RZ- 81	82*	101	102 [mm]	RZ- 81	82*	101	102 [mm]	RZ-81: 630 x 236	RLZ-82: 640 x 281
A	1907	2034	2245	2200	D	400	400	500	630
B	950	950	1340	1250	F	200	200	315	400
C	1550	1679	1850	1940	G	160	**	250	315
				RZ-101: 786 x 296		RZ-102: 880 x 328			

\* Model RLZ

\*\* 400 x 189 alt. 250

DIMENSIONES



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