

# Dehumidifer RECUSORB RZ - 081/101/102 ICE



**19.5 - 54 kg/h**

Dehumidifying capacity  
at 20°C / 60%RH

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

Dry air flow

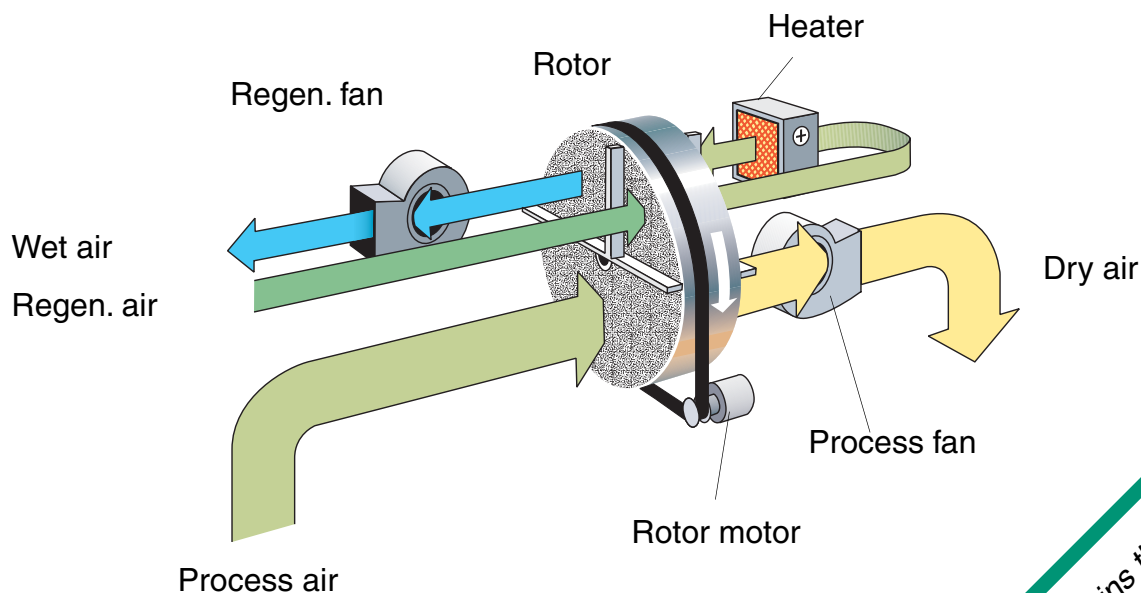


RZ-101

RZ-081

- Developed for ice-rinks
- Washable rotor
- No desiccant carry-over

- Built-in heat recovery
- Low dry air temperature
- Long lifetime



Contains the SSCR rotor -  
one step ahead in  
adsorption technology

TECHNICAL DATA

Dehumidifier model ICE

RZ-081 RZ-101 RZ-102

Dry air flow** [m³/h]	4 500	9 000	12 000
Static pressure at disposal [Pa]	300	300	300
Wet air flow ** [m³/h]	1000	1800	2500
Static pressure at disposal [Pa]	200	200	200
Heater power*** [kW]	24	40	63
Maximum electric consumption [kW]	28	47	74
Supply fuse 3x 230/400V 50Hz [A]	80/50	125/80	250/125
Weight [kg]	304	390	513

\* Valid for inlet conditions 20°C/ 60%RH. For other inlet conditions the capacity can be calculated by using the correction factor from the diagram shown below.

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

\*\*\* Available with electric heater, steam heater or gas heater.

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	60%RH	
RZ-081 Ice *	9,5	14,0	17,0	12,0	16,5	19,0	14,5	18,5	19,5	*
RZ-081 Ice **	8,5	13,0	16,0	10,5	15,0	18,5	12,5	17,0	19,0	**
RZ-101 Ice *	16,5	23,5	28,0	21,0	27,5	31,0	24,5	30,0	32,0	*
RZ-101 Ice **	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	*
RZ-102 Ice **	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 12g/kg

Dimensions for RZ-081 101 102 [mm]

A 1907 2245 2200  
B 950 1340 1250  
C 1550 1850 1940

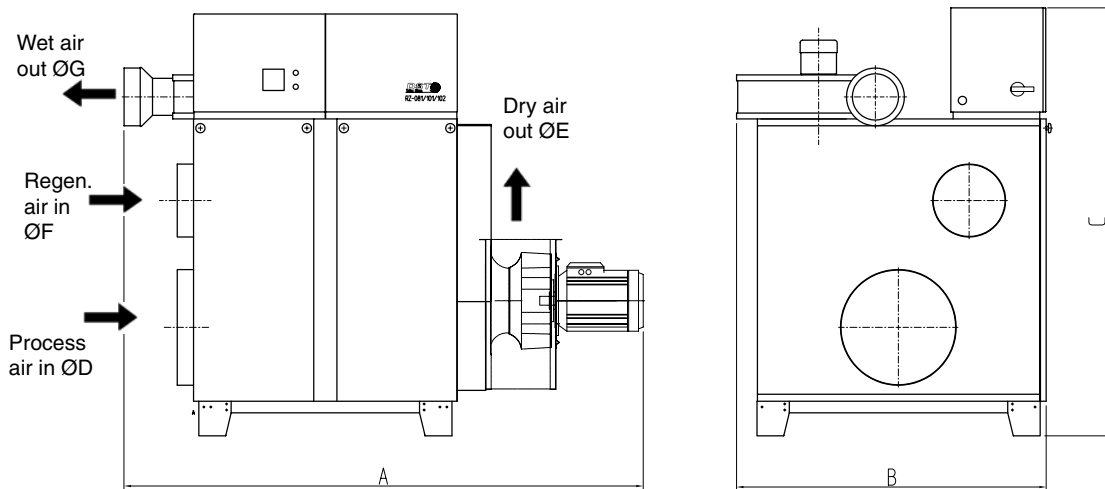
Dimensions for RZ-081 101102 [mm]

D 400 500 630  
E \*  
F 200 315 400  
G 160 250 315

Dimensions for E \*

RZ-081: 680 x 286  
RZ-101: 836 x 356  
RZ-102: 880 x 338

DIMENSIONS



Subject to change without notice.

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