

Dehumidifier Recusorb

RLZ-81, -82,

-101, -102, -102L, -104



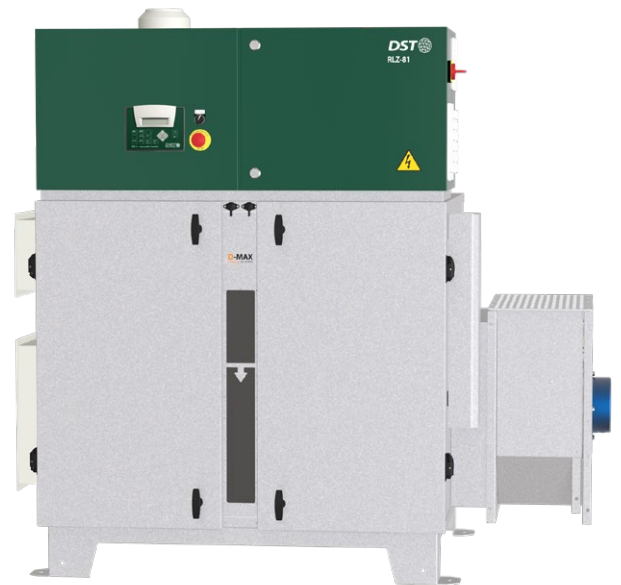
Dehumidifying capacity at 20°C / 60%RH

19 - 70 kg/h

Dry air flow

2900 - 10500 m³/h

- Washable rotor
- No desiccant carry-over
- EC-motor or VSD for both process and regen fan
- Built-in heat recovery
- Low dry air temperature
- Long lifetime
- Options:
 - Steam or gas regen heater
 - Pre- and post-treatment modules
 - Touchscreen with flowchart showing actual airflows and coil outputs
 - Communication with Modbus, Profibus or Bacnet
 - Insulated inlets
 - Stainless steel chassis



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

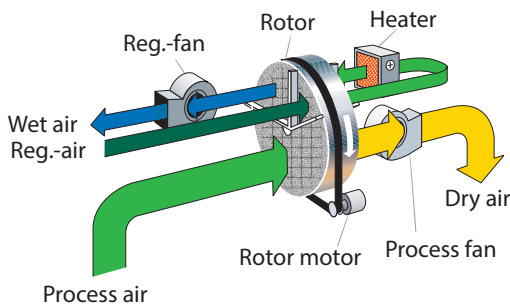
World leaders in dehumidification.

TECHNICAL DATA

Dehumidifier model	RLZ-81	RLZ-82	RLZ-101	RLZ-102	RLZ-102L	RLZ-104
Nominal capacity ¹ (kg/h)	19	25	30.5	49.5	57	70
Dry air flow ² (m ³ /h)	2900	3500	4600	7000	10000	10500
Static pressure at disposal (Pa)	300	300	300	300	300	200
Wet air flow ² (m ³ /h)	750	1000	1300	2100	2400	2500
Static pressure at disposal (Pa)	200	200	200	200	200	200
Heater power ³ (kW)	24	30	40	63	70	80
Maximum electric consumption (kW)	27.6	34.0	43.6	70.4	79.7	91.5
Supply fuse 3 x 400V / 50Hz (A)	50	63	80	125	125	160
Weight (kg)	294	325	380	503	585	600

- Valid for inlet conditions 20°C/60%RH.
- Volume flow for density 1.20 kg/m³.
- Available with electric heater, steam heater or gas heater.

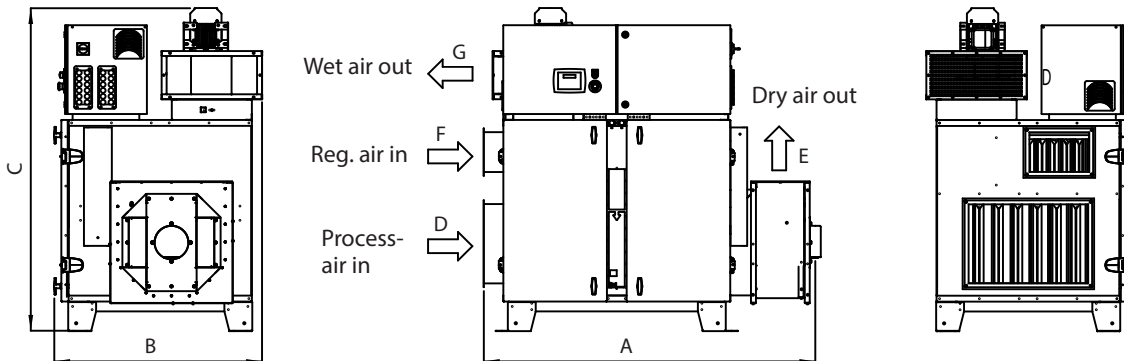
PRINCIPLE / DIMENSIONS



Dimensions RLZ [mm]						
	RLZ-81	RLZ-82	RLZ-101	RLZ-102	RLZ-102L	RLZ-104
A	1664	1793	1693	1846	1846	2446
B	1037	1037	1219	1219	1219	1219
C	1681	1681	1932	1983	1983	2049
D	600 x 400	600 x 400	1000 x 500	1000 x 500	1000 x 500	1000 x 500
E	558 x 264	610 x 295	610 x 295	690 x 331	770 x 356	850 x 406
F	300 x 200	300 x 200	400 x 300	400 x 300	400 x 300	400 x 300
G	504 x 244	504 x 244	504 x 244	504 x 244	504 x 244	558 x 264

DRAWING

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



Updated 18.12



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