

Dehumidifier Recusorb

RZ-102, RLZ-82/104

Low Dew Points



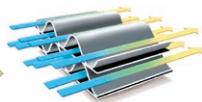
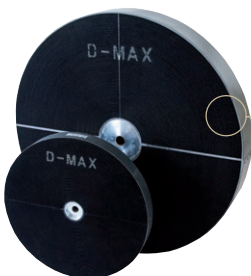
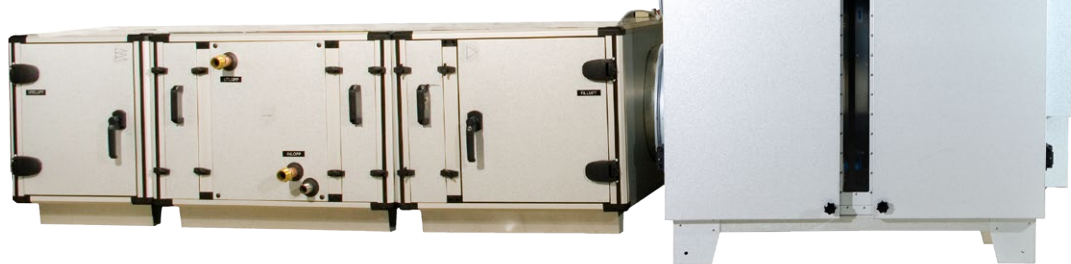
Dry Air

-40°Cdp to -50°Cdp from fresh air

Dry air flow

3 100 - 4 000 m³/h

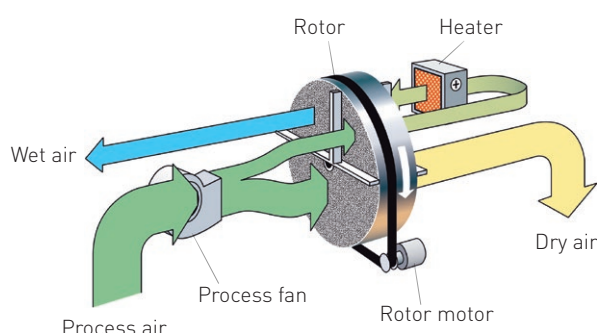
- Washable rotor
- No desiccant carry-over
- Ideal for storage applications
- Built-in heat recovery
- Low dry air temperature
- Long lifetime



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

Dehumidifier model	RLZ-82E	RZ-102E	RLZ-104E	RLZ-82T	RZ-102T	RLZ-104T
Process air inlet °C/%RH	25 / 70	25 / 70	25 / 70	30 / 60	30 / 60	30 / 60
Dry air outlet °Cdp	-40	-40	-50	-40	-40	-50
Dry air flow ¹ (m³/h)	3 100	4 000	4 000	3 100	4 000	4 000
Static pressure at disposal (Pa)	200	200	200	200	200	200
Wet air flow ¹ (m³/h)	850	2 200	2 100	850	2 200	2 100
Static pressure at disposal (Pa)	200	200	200	200	200	200
Chilled water consumption l/s) ²	3,6	5,8	5,8	4,3	7,4	7,4
Heater power ³ (kW)	30	63	63	30	63	63
Maximum electric consumption (kW)	34	69	75	34	69	75
Supply fuse 3x230 / 400V 50Hz (A)	125 / 80	250 / 125	250 / 125	125 / 80	250 / 125	250 / 125

E= European climate T=Tropical climate

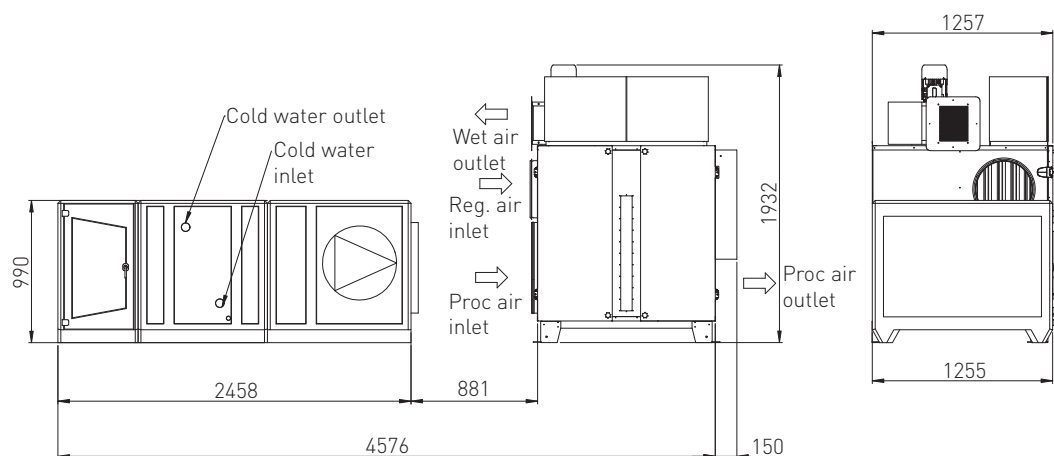


¹ Volume flow for density 1,20 kg/m³.

² Water temperature in 1°C, water temperature out 5°C.
With 30% Ethylene glycol added to water.

³ Available with electric heater, steam heater or gas heater.

DIMENSIONS (MM)								
	A	B	C	D*	D**	E	F	G
RLZ-82	3 733	960	1 550	800 x 500	800 x 500	400	200	160
RZ-102	4 728	1 255	1 940	1 100 x 700	1 100 x 1 300	400	315	250
RLZ-104	4 928	1 255	2 140	1 100 x 700	1 100 x 1 300	500	400	315



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