

# Dehumidifier Recusorb **RLZ-81, 82, 82 ICE**



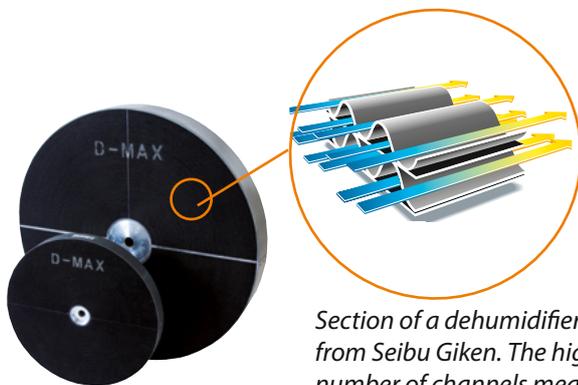
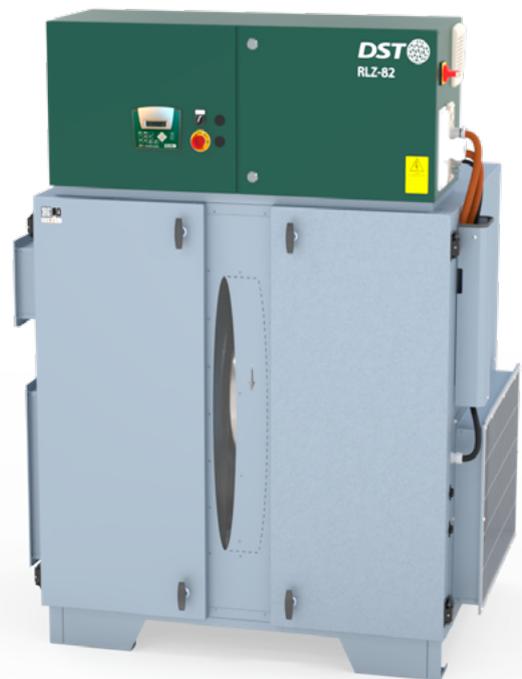
*Dehumidifying capacity at 20°C / 60%RH*

**20 -27 kg/h**

*Dry air flow*

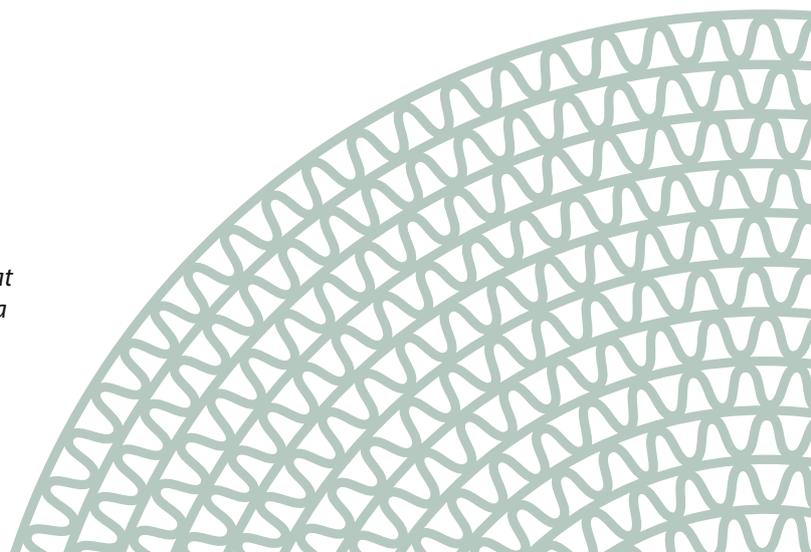
**3500 - 6000 m<sup>3</sup>/h**

- EC-motor or VSD for both process and regen fan
- Washable rotor
- No desiccant carry-over
- 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.*

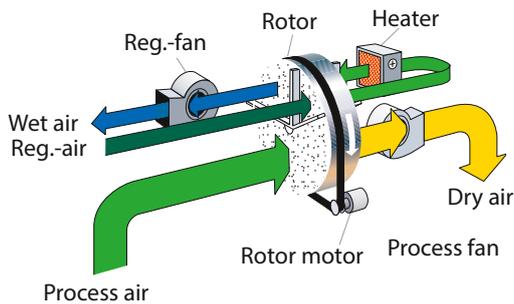


# TECHNICAL DATA

Dehumidifier model	RLZ-81	RLZ-82	RLZ-82 ICE
Nominal capacity <sup>1</sup> (kg/h)	20	25	27
Dry air flow <sup>2</sup> (m <sup>3</sup> /h)	4500	3500	6000
Static pressure at disposal (Pa)	300	300	300
Wet air flow <sup>2</sup> (m <sup>3</sup> /h)	750	1000	1000
Static pressure at disposal (Pa)	200	200	200
Heater power <sup>3</sup> (kW)	24	30	30
Maximum electric consumption (kW)	27,6	34,0	35,4
Supply fuse 3 x 400V / 50Hz (A)	50	63	63
Weight (kg)	307	325	345

1. Valid for inlet conditions 20°C/60%RH.
2. Volume flow for density 1.20 kg/m<sup>3</sup>.
3. Available with electric heater, steam heater or gas heater.

## PRINCIPLE / DIMENSIONS

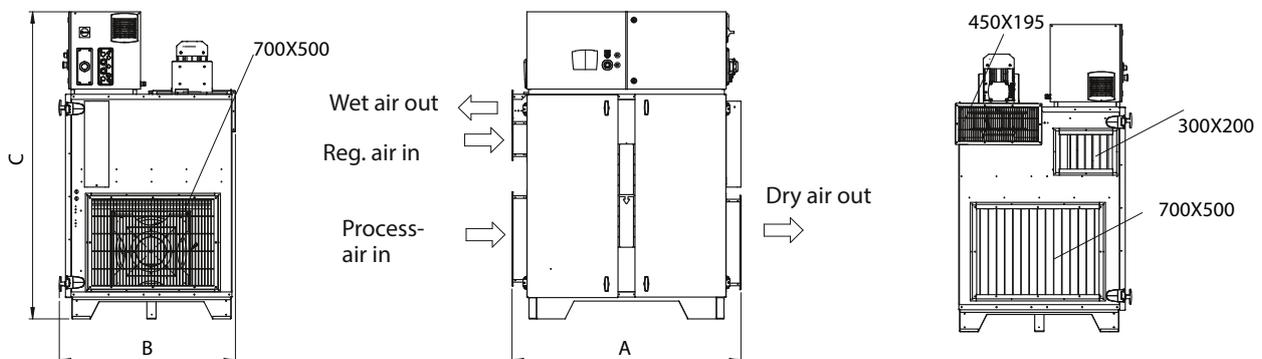


Dimensions RLZ [mm]

	RLZ-81	RLZ-82	RLZ-82 ICE
A	1309	1409	1409
B	1009	1009	1009
C	1787	1787	1787

## DRAWING

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



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