

# Dehumidifier Recusorb **RLZ-81, -82, -101, -102 ICE**



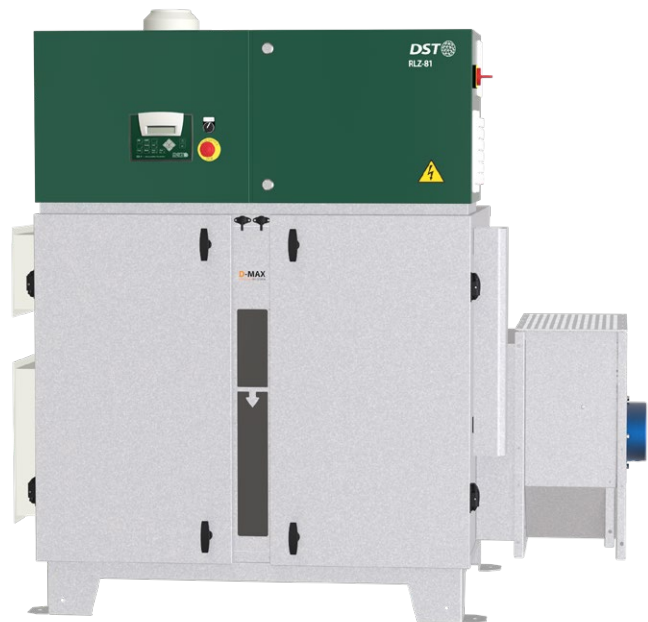
*Dehumidifying capacity at 20°C / 60%RH*

**20 - 54 kg/h**

*Dry air flow*

**4500 - 12000 m<sup>3</sup>/h**

- Washable rotor
- No desiccant carry-over
- EC-motor or VSD for both process and regen fan
- Built-in heat recovery
- Very good capacity in dry or/and cold environments
- 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.*

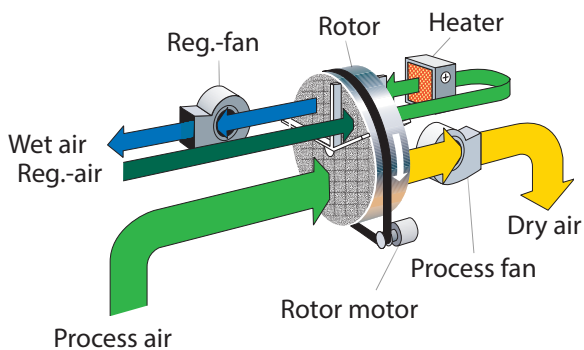
*World leaders in dehumidification.*

# TECHNICAL DATA

Dehumidifier model ICE	RLZ-81	RLZ-82	RLZ-101	RLZ-102
Nominal capacity <sup>1</sup> (kg/h)	20	27	34	54
Dry air flow <sup>2</sup> (m <sup>3</sup> /h)	4500	6000	9000	12000
Static pressure at disposal (Pa)	300	300	300	300
Wet air flow <sup>2</sup> (m <sup>3</sup> /h)	750	1000	1300	2100
Static pressure at disposal (Pa)	200	200	200	200
Heater power <sup>3</sup> (kW)	24	30	40	63
Maximum electric consumption (kW)	27.6	35.4	46.3	72.7
Supply fuse 3 x 400V / 50Hz (A)	50	63	80	125
Weight (kg)	307	345	415	568

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.

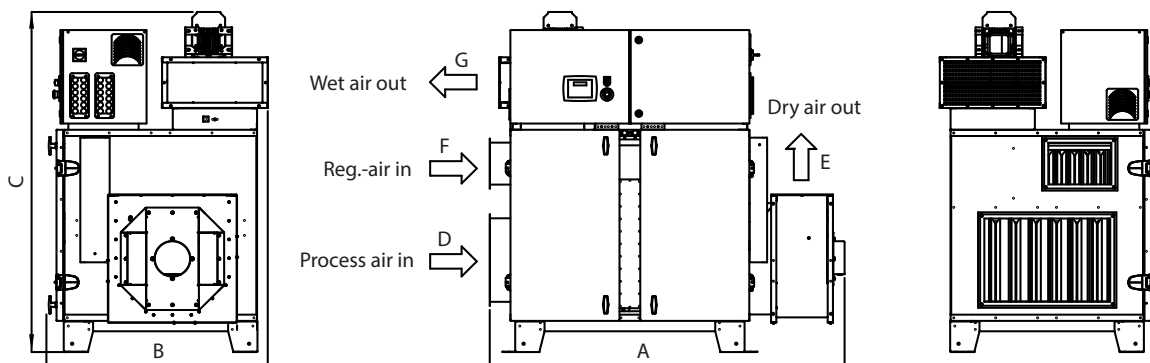
## PRINCIPLE / DIMENSIONS



Dimensions RLZ ICE [mm]				
	RLZ-81	RLZ-82	RLZ-101	RLZ-102
<b>A</b>	1692	1855	1770	2246
<b>B</b>	1043	1043	1292	1292
<b>C</b>	1637	1658	1983	1983
<b>D</b>	400 x 600	400 x 600	500 x 1000	500 x 1000
<b>E</b>	245 x 560	280 x 640	306 x 720	356 x 800
<b>F</b>	200 x 300	200 x 300	300 x 400	300 x 400
<b>G</b>	194 x 450	194 x 450	194 x 450	194 x 450

## DRAWING

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



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