

# Dehumidifier Recusorb RL-71, -71 ICE, -71L



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

**13 - 17 kg/h**

*Dry air flow*

**2500 - 3200 m<sup>3</sup>/h**

- Excellent performance in all climates
- Duct connections
- Built-in heat recovery
- Stainless steel chassis
- F7 filter
- Washable rotor
- Options:
  - Frequency inverter to control airflows
  - Linear capacity control
  - Insulated inlets
  - Panel mounted humidity control

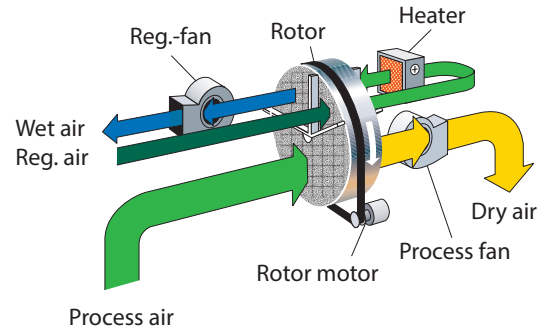


*Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.*

*World leaders in dehumidification.*

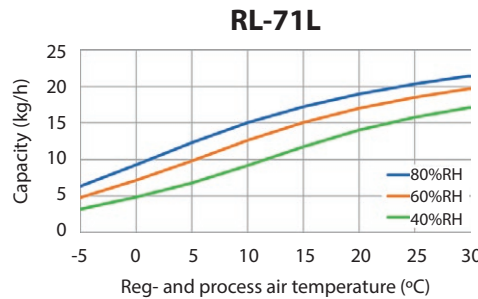
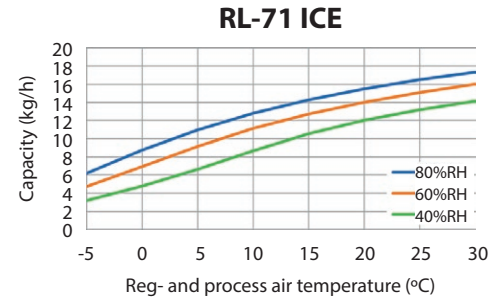
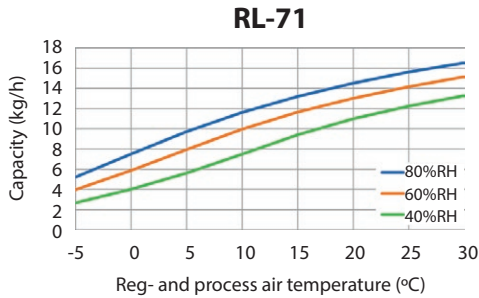
# TECHNICAL DATA

Dehumidifier model	RL-71	RL-71 ICE	RL-71L
Nominal capacity <sup>1</sup> (kg/h)	13	14	17
Dry air flow <sup>2</sup> (m <sup>3</sup> /h)	2500	3000	3200
Static pressure at disposal (Pa)	400	400	200
Wet air flow <sup>2</sup> (m <sup>3</sup> /h)	800	800	1000
Static pressure at disposal (Pa)	300	300	200
Heater power <sup>3</sup> (kW)	17	17	24
Maximum electric consumption (kW)	20.3	21.1	28.1
Supply fuse 3 x 400V 50Hz (A)	40	40	50
Weight (kg)	190	195	196



- Valid for inlet conditions 20°C/60%RH. For other inlet conditions the capacity can be calculated by using the correction diagrams shown below.
- Volume flow for density 1.20 kg/m<sup>3</sup>.
- In the standard version the unit is equipped with electric heater. Steam heater and hot water battery is available as an option.

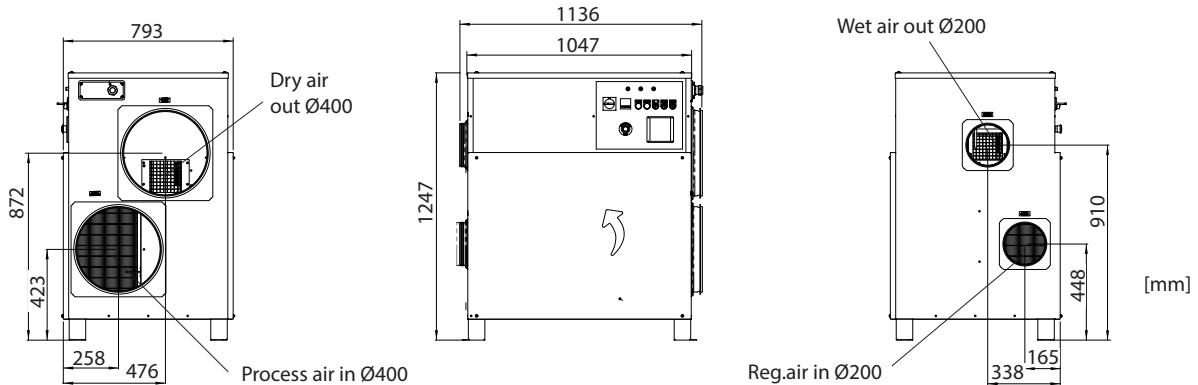
# CORRECTION DIAGRAM



Following the sorption principle, the dry air will follow the enthalpy line plus 3-5°C resulting in around 15°C higher dry air temperature compared to process inlet temperature. For more information, contact your DST representative.

# DIMENSIONS

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



Updated 18.12



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