

# Dehumidifier Aquasorb **AQ-30B, 31B, 31L**



*Dehumidifying capacity at 20°C / 60%RH*  
**0,85 - 1,55 kg/h**

*Dry air flow*

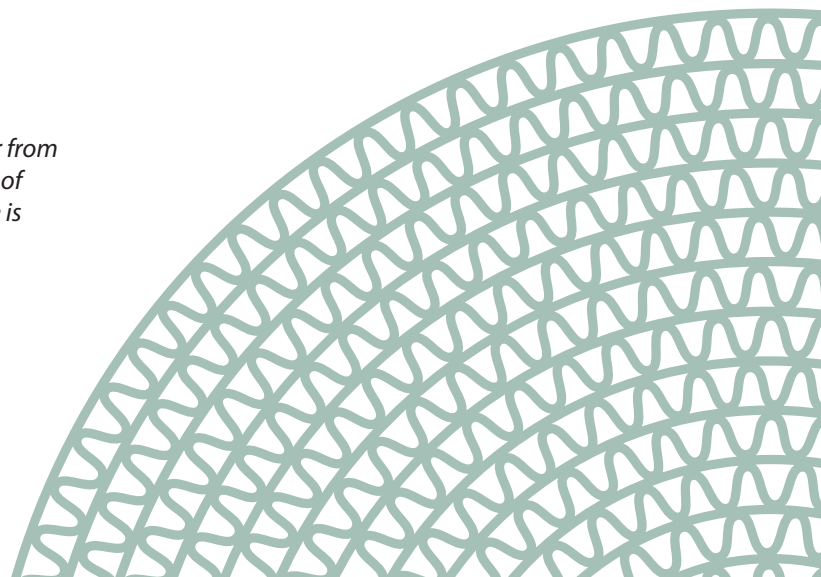
**330 - 370 m<sup>3</sup>/h**

- Condenses out the moisture
- Stainless steel chassis
- Washable rotor
- Dry air outlet duct connection
- Operates at dew points below 0°C
- Pump for condensate water



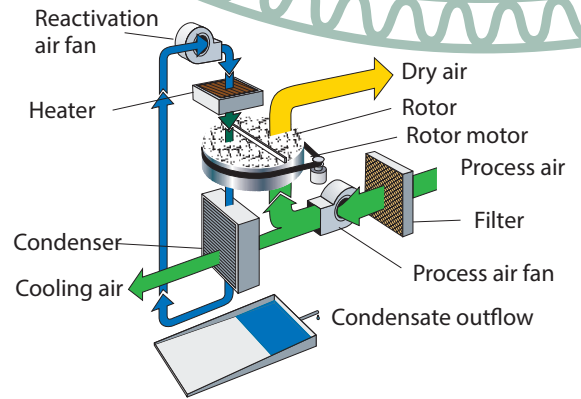
Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.

*World leaders in dehumidification.*



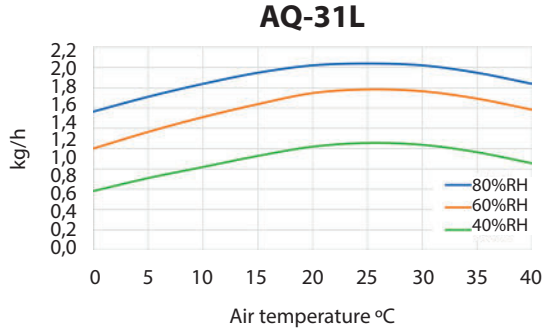
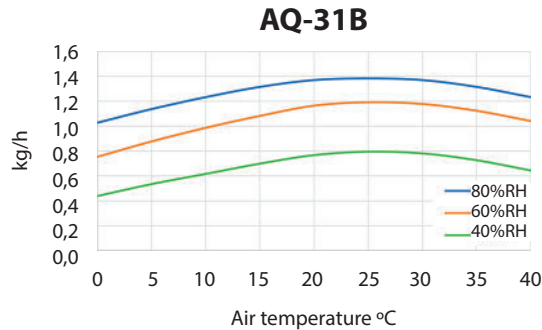
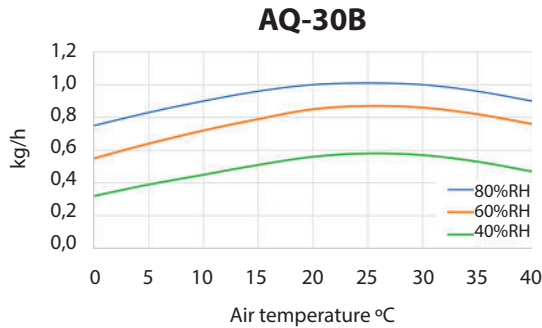
# TECHNICAL DATA

| Dehumidifier model                           | AQ-30B | AQ-31B | AQ-31L |
|----------------------------------------------|--------|--------|--------|
| Nominal capacity <sup>1</sup> (kg/h)         | 0,85   | 1,15   | 1,55   |
| Dry airflow <sup>2</sup> (m <sup>3</sup> /h) | 370    | 330    | 330    |
| External static pressure dry air [Pa]        | 100    | 100    | 100    |
| Maximum electric consumption (kW)            | 1,8    | 2,2    | 2,9    |
| Supply fuse 230V / 50Hz (A)                  | 10     | 10     | 16     |
| Weight (kg)                                  | 34     | 38     | 38     |



1. Valid for inlet conditions 20°C/60%RH. For other inlet conditions, the capacity can be calculated by using the diagram shown below.
2. Volume flow for density 1.20 kg/m<sup>3</sup>.

## CORRECTION DIAGRAM



The temperature of the dry air at nominal air flows is calculated by:

**AQ-30B**

$$t_{out} = t_{in} + 6^{\circ}\text{C}$$

**AQ-31B**

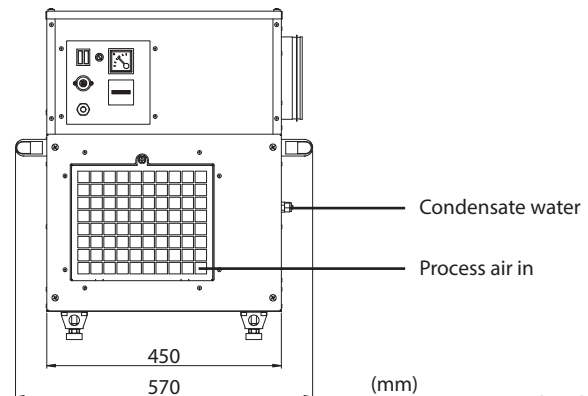
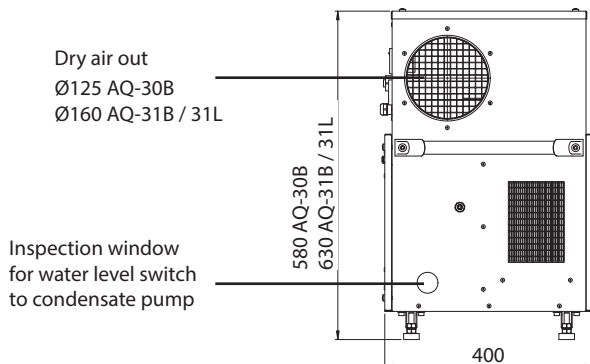
$$t_{out} = t_{in} + 14^{\circ}\text{C}$$

**AQ-31L**

$$t_{out} = t_{in} + 15^{\circ}\text{C}$$

## DIMENSIONS

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



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