

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



Dehumidifying capacity at 20°C / 60%RH

0.85 - 1.55 kg/h

Dry air flow

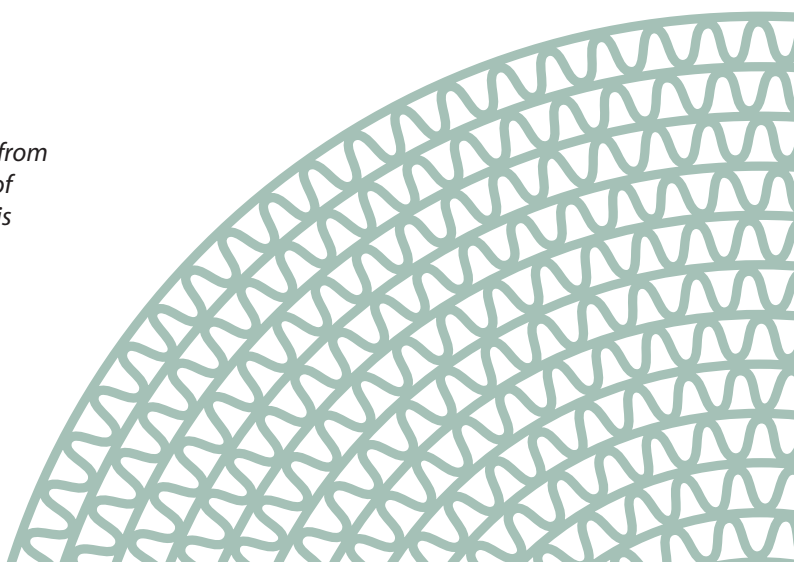
330 - 370 m³/h

- 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



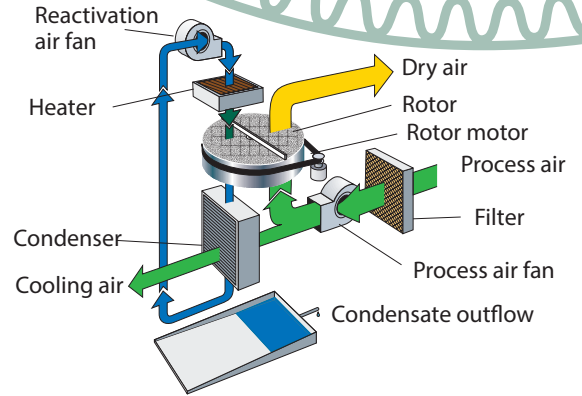
Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.

World leaders in dehumidification.



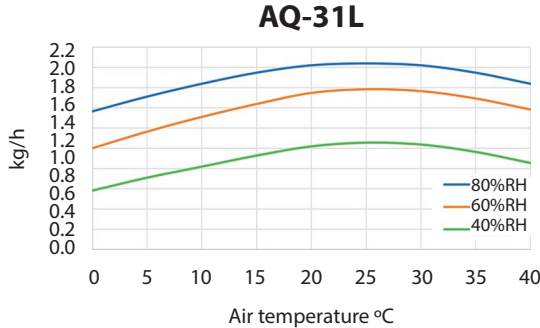
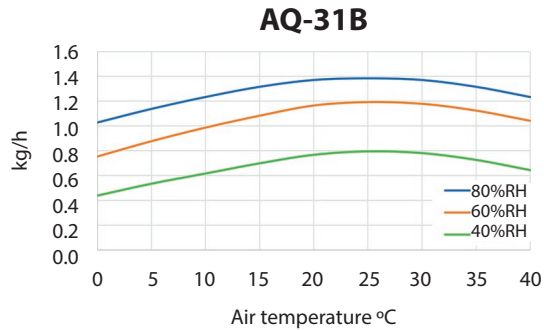
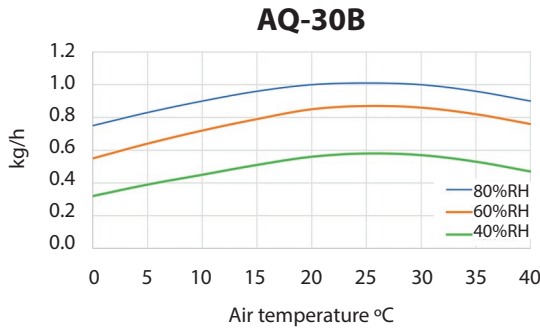
TECHNICAL DATA

| Dehumidifier model | AQ-30B | AQ-31B | AQ-31L |
|--|--------|--------|--------|
| Nominal capacity ¹ (kg/h) | 0.85 | 1.15 | 1.55 |
| Dry airflow ² (m ³ /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 |



- Valid for inlet conditions 20°C/60%RH. For other inlet conditions, the capacity can be calculated by using the diagram shown below.
- Volume flow for density 1.20 kg/m³.

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

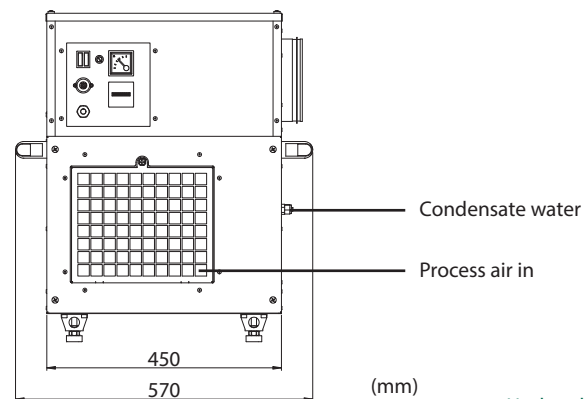
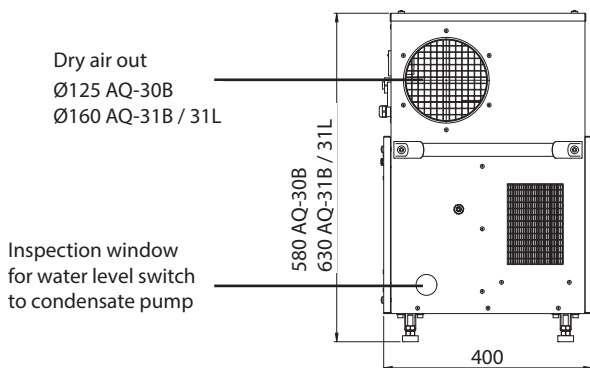
$$t_{out} = t_{in} + 14^{\circ}\text{C}$$

AQ-31L

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

DIMENSIONS

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



Updated 19.01

