

Dehumidifier Aquasorb

AQ-30B / 31B / 31L



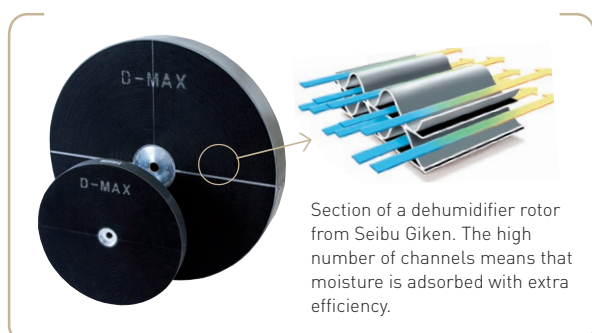
Dehumidifying capacity at 20°C / 60%RH

0,85 - 1,55 kg/h

Dry air flow

330 - 370 m³/h

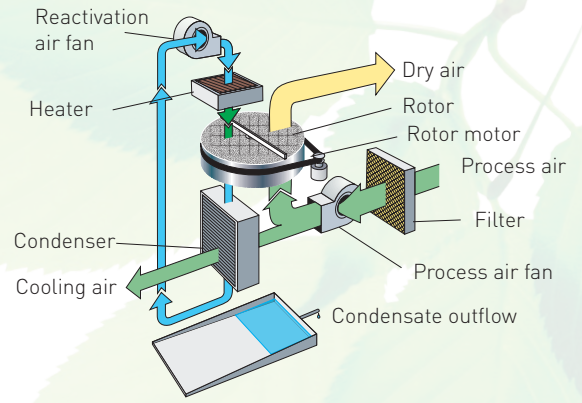
- ✓ Condenses out the moisture
- ✓ Stainless steel chassis
- ✓ Washable rotor
- ✓ Dry air outlet duct connection
- ✓ Operates at dew points below 0°C
- ✓ Pump for condensate water



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

TECHNICAL DATA

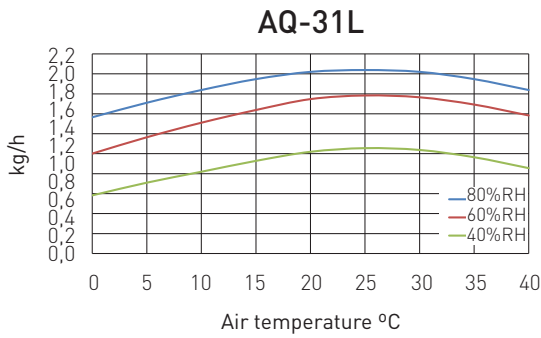
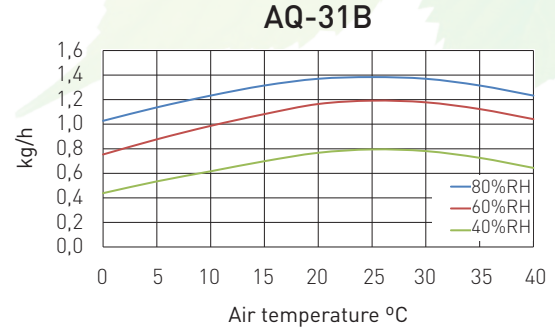
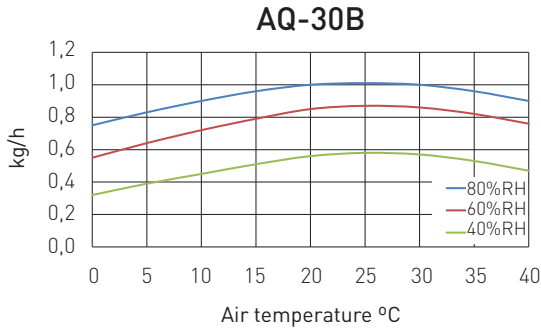
Dehumidifier model	AQ-30B	AQ-31B	AQ-31L
Nominal capacity ¹ (kg/h)	0,85	1,15	1,55
Dry airflow ² (m ³ /h)	370	330	330
External static pressure dry air [Pa]	100	100	100
Maximum electric consumption [kW]	1,8	2,2	2,9
Supply fuse 230V / 50Hz (A)	10	10	16
Weight (kg)	34	38	38



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/m³.

CORRECTION DIAGRAM



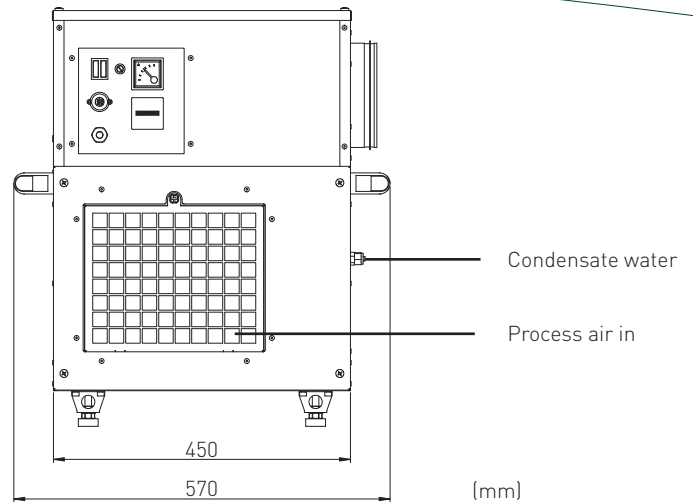
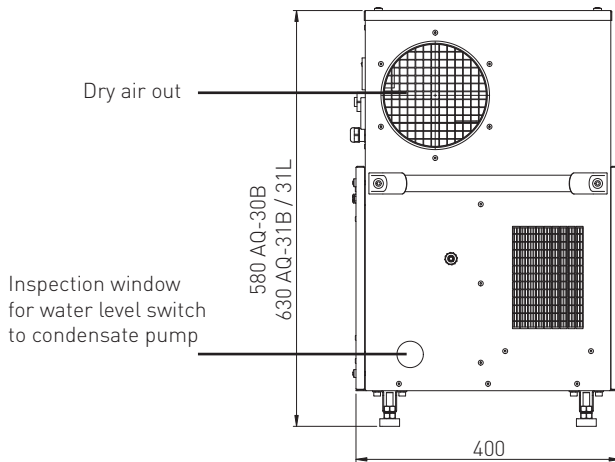
The temperature of the dry air at nominal air flows is calculated by:

AQ-30B
 $t_{out} = t_{in} + 6^{\circ}C$

AQ-31B
 $t_{out} = t_{in} + 14^{\circ}C$

AQ-31L
 $t_{out} = t_{in} + 15^{\circ}C$

DIMENSIONS



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