

Dehumidifier Frigosorb F-31



Dehumidifying capacity at 20°C / 60%RH

1.1 kg/h

Dry air flow

400 m³/h

- Washable rotor
- Continuous operation also at low dewpoints
- Stainless steel chassis
- Only condensation, no wet air
- Low energy consumption
- Equipped with humidistat as standard



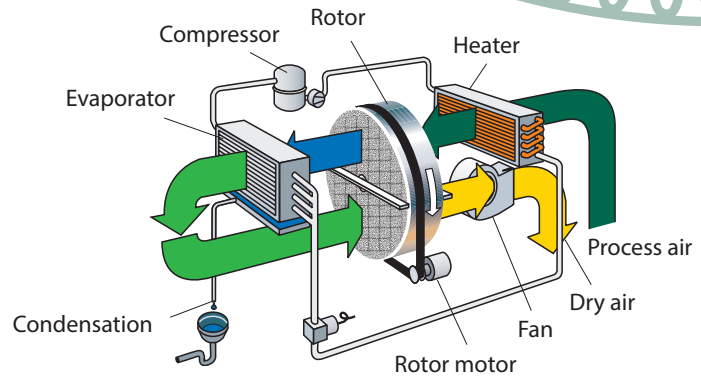
Section of a dehumidifier rotor from Seibu Giken. The high number of channels means that moisture is adsorbed with extra efficiency.

World leaders in dehumidification.

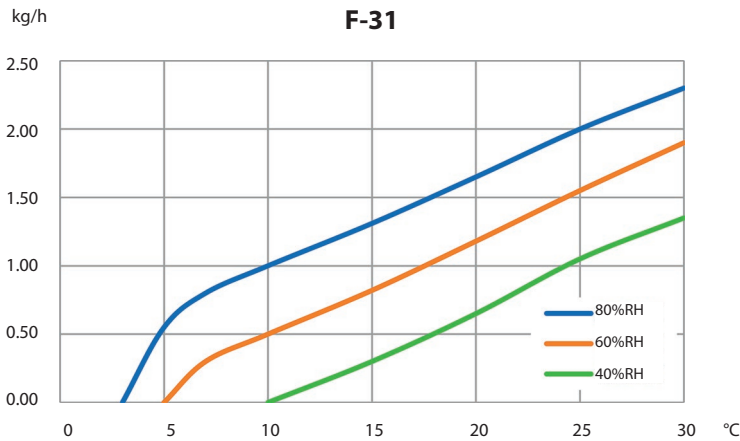
TECHNICAL DATA

Dehumidifier model	F-31
Nominal capacity ¹ (kg/h)	1.1
Dry airflow ² (m ³ /h)	400
Compressor Power	3.2 A / 710 W
Maximum electric consumption	4.3 A / 970 W
Supply fuse 230V / 50Hz (A)	6
Weight (kg)	45

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



CORRECTION DIAGRAM

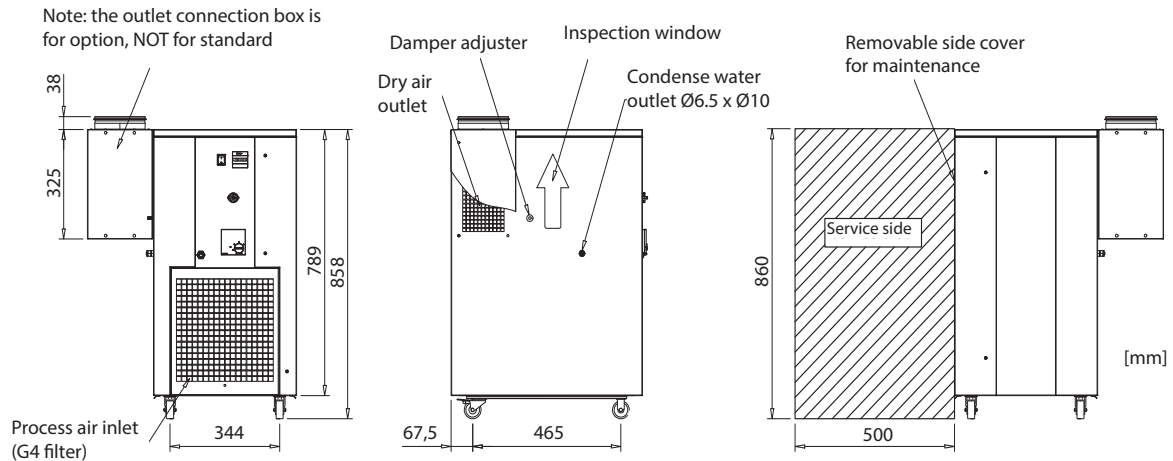


The temperature of the dry air at nominal air flow is calculated by:

$$t_{out} = t_{in} + 4 + (t_{in} \times 0,15) \times (\%RH_{in} / 60)$$

DIMENSIONS

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



Updated 18.12