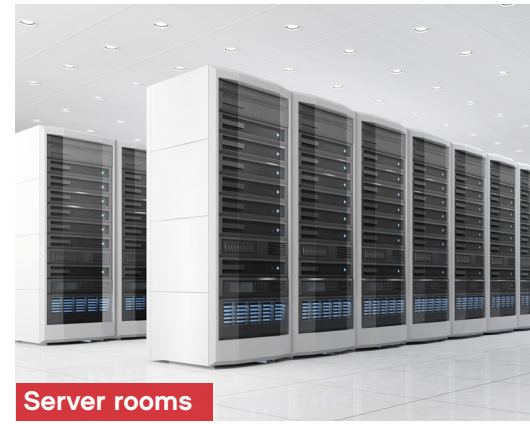


Giant

For high capacities



Fan coil units
for cooling machine rooms



Server rooms



Electrical rooms

Flexible, high-capacity coil unit

The Giant fan coil units are specially designed for cooling ICT and machine rooms. Thanks to their modular design, the fan coil units adapt to various installation methods. The units are compatible with 2- and 4-pipe systems and water and liquid circuits. Each device is dimensioned specially for the application, ensuring that optimal coil sizes, routes and air volumes are selected for the system. All units are individually configured and tested.

Giant units are available in two sizes, 700 and 1300. The units can be delivered as frame-only models or equipped with a pressure or suction plenum chamber in line with the sound level and air control requirements.

- Available as **horizontal and vertical models**
- The direction of the suction and pressure plenum chambers **can be freely selected** and also adjusted later.
- Adaptable for left- or right-handed use
- Option to install ducts

Steady control

Thanks to the comprehensive configuration, less work is required on the worksite. The units and their automation systems are always tailored for the application. Unit configurations can be replicated and unit components can be replaced without it affecting the system as a whole. These properties ensure a long and carefree service life for the unit.

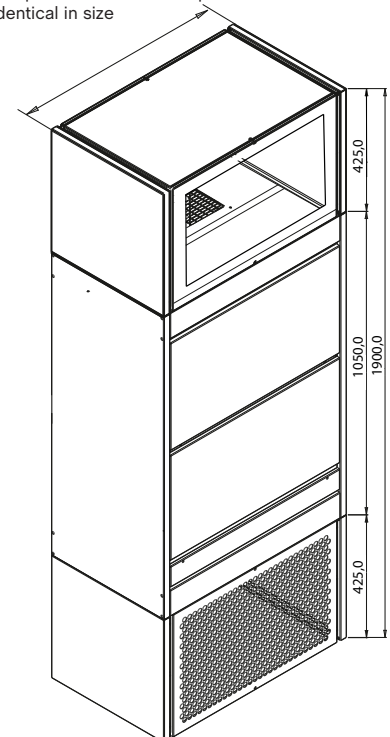
As an additional service, the units can be marked with position codes to make it easier to position the machines in the correct places and to speed up the progress of large-scale projects.

Dimensions

Giant 700 frame: L 1,050 x W 730 x D 450 mm
Giant 1300 frame: L 1,050 x W 1,330 x D 450 mm

Giant 700 plenum chamber: L 425 x W 730 x D 450 mm
Giant 1300 plenum chamber: L 425 x W 1,330 x D 450 mm

The pressure and suction plenum chambers are identical in size



Technical data

7°C/12°C, 25°C/50%	Total capacity (kW)	Sensible capacity (kW)	Sound level (dB(A), 10 m ²)*	Liquid flow rate (l/h)	Air volume (m ³ /h)
700	2.6-9.9	2.0-7.3	36-65	331-1,537	331-1,537
1300	4.8-18.1	3.5-13.5	40-69	596-2,767	596-2,767
10°C/18°C, 25°C/50%	Total capacity (kW)	Sensible capacity (kW)	Sound level (dB(A), 10 m ²)*	Liquid flow rate (l/h)	Air volume (m ³ /h)
700	1.7-5.9	1.6-5.4	36-65	187-630	331-1,537
1300	3.2-10.8	2.9-9.9	40-69	342-1,166	596-2,767
7°C/12°C, 27°C/50%	Total capacity (kW)	Sensible capacity (kW)	Sound level (dB(A), 10 m ²)*	Liquid flow rate (l/h)	Air volume (m ³ /h)
700	3.3-12.5	2.2-8.3	36-65	562-2,142	331-1,537
1300	5.9-22.9	3.9-15.2	40-69	1,012-3,931	596-2,767
60°C/40°C, 18°C/40%	Total capacity (kW)	Sensible capacity (kW)	Sound level (dB(A), 10 m ²)*	Liquid flow rate (l/h)	Air volume (m ³ /h)
700	4.4-18.4	4.4-18.4	36-65	194-803	331-1,537
1300	8.0-33.6	8.0-33.6	40-69	349-1,465	596-2,767

*Sabine

More detailed measurements at option selection program

Electronics

Supply 230-50-1 [V - Hz - Ph]
 Giant 700 (M) [fan] 140 / 2.5 [W / A]
 Giant 1300 (M) [fans] 279 / 5.0 [W / A]
 KP5 70 / 0.07 [W / A]

Fan coil model

HZ: Horizontal airflow direction
 UP: Upward airflow direction
 DW: Downward airflow direction
 Handedness
 O: Right-handed
 V: Left-handed

Accessories

Control valve (cooling/heating)

CV2/HV2: Two-way valve
 CV3: Three-way valve

Removal of condensate

KP5: Condensate pump lifting height 5 m
 KP0: Without pump/with gravity drainage

Suction plenum chamber

IK: Suction plenum chamber
 IKS: Suction plenum chamber and grille

Pressure duct

PK: Pressure plenum chamber
 PKS: Pressure plenum chamber and grille

Automation

Vari [Analogue voltage control]

Controller

T7: HLS-44 controller
 T0: Without a controller; Control via the BMS Analogue voltage control (0-10 V or 24V)