



# FC RANGE

## Free Air Cooling Systems



FC1000

### FC1000 MODEL

The DAQS FC1000 model is a packaged air handling unit designed to provide free air cooling to data centres, remote plant, control and switch rooms.

The DAQS FC1000 can be used as a stand-alone cooling system or can be integrated with existing cooling plant/equipment to facilitate both mechanical cooling and freecooling options. The unit can be mounted both indoors and outdoors as required.

### APPLICATIONS

- Data Centers
- Remote Plant Rooms
- Control Rooms
- Switch Rooms
- Industrial Process Rooms

### FEATURES:

- Two exceptionally efficient EC Fans, fully modulating 0-100%
- EU4 Panel Filters in a rigid frame
- Fully integrated electrical panel with external disconnect

### OPTIONS:

- Up to HEPA filtration
- Temperature control module
- Fire dampers
- Filter clog switches

### EC Fans: *absorbs 35% less than traditional fan/drive systems*

All DAQS products are supplied with highly energy-efficient EC fan motors.

EC Fans (Electronically Commutated DC motors) have very high motor efficiencies, up to 45% higher than a comparable 3-phase AC motor, up to 65% higher than a 1-phase AC motor and up to 35% higher than an AC motor/VSD combination.

EC fans allow unique precision control of the air delivery from the DAQS unit in constant air volume constant static pressure applications.

### CONTACT OUR SALES TEAMS:

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### TECHNICAL DATA

FC1000	AC	
<b>Dimensions</b>	1600 H x 1500 W x 840 D	
<b>Airflow m<sup>3</sup>/h / m<sup>3</sup>/s</b>	14000 / 3.9	@ 0Pa ESP
<b>Max. FreeCooling capacity kW</b>	47	@ 10°C Δ T
<b>Fan Volts/Amps</b>	400 VAC / 8.6 A	
<b>Fan Watts</b>	5400	
<b>Fan RPM</b>	1700	



FC1000 E