



FC RANGE

Free Air Cooling Systems



FC800

FC800 MODEL

The DAQS FC800 model is a packaged air handling unit designed to provide free air cooling to data centres, remote plant, control and switch rooms.

The DAQS FC800 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:

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

OPTIONS:

- Up to HEPA filtration
- Microprocessor Controller
- 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:

DAQS Tel: +353 1 8335043

DAQS Europe Tel: +353 57 8664343

FC RANGE

TECHNICAL DATA

MODEL	FC800-1	FC800-2	FC800-3
Dimensions	840 H x 840 W x 1950 D	1640 H x 840 W x 1950 D	2440 H x 840 W x 1950 D
Airflow m³/h (m³/s) ¹	10000 (2.77)	20000 (5.55)	30000 (8.33)
Max. FreeCooling capacity kW ²	33.6	67.2	100.8
No. of Fans	1	2	3
Max. Fan Volts/Amps	400 / 4.9	400 / 9.8	400 / 14.7
Max. Fan kW	2.63	5.46	7.89



¹ - Based on an External Static of 100 Pa

² - Based on a ΔT of 10°C

DAQS

DAQS Europe