



FC RANGE

Free Air Cooling Systems



FC200

FC200 MODEL

The DAQS FC200 model is a packaged air handling unit designed to provide free air cooling to remote plant, control or switch rooms.

The DAQS FC200 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 is normally mounted outdoors.

APPLICATIONS

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

FEATURES:

- Exceptionally efficient EC Fan, fully modulating 0-100%
- EU4 Panel Filter in door box
- Weatherproof enclosure, fully insulated panels, Class 0

OPTIONS:

- EC fan - 48VDC or 230VAC power supply
- Up to EU7 filtration
- Temperature control module
- Fire damper
- Filter clog switch

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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DAQS

DIONX AIR QUALITY SYSTEMS

FC RANGE

TECHNICAL DATA

FC200	AC	DC	
Dimensions	620 H x 716 W x 350 D		
Airflow m³/h / m³/s	3700 / 1.03	3000 / 0.83	@ 0Pa ESP
Max. FreeCooling capacity kW	12.5	10.1	@ 10°C Δ T
Fan Volts/Amps	230 VAC / 2.2 A	48 VDC / 4.2 A	
Fan Watts	355	200	
Fan RPM	1365	1290	

DAQS

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