



QUIETFLOW TWIN SQT

Centrifugal Twin Box Fan

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Product Overview

- 7 standard sizes from 125mm to 500mm
- Air volume flow rates up to 1.819 m³/s
- Static pressures up to 1029 Pa
- Suitable for operating temperatures up to +60°C
- Available in **EC**

The Quietflow SQT fans are acoustically lined twin in-line centrifugal fans, suitable for internal duct mounting. The Quietflow incorporates advanced backward curved impellers, with three dimensional profiled blades.

Low Noise

Each unit is acoustically lined internally with Class O rated (BS 476 Parts 6 and 7) fire resistant acoustic foam lining minimising breakout noise levels.

Easy Installation

New Multi-mount brackets allow easy mounting in a range of orientations.

Easy Commissioning

Integrated commissioning control allowing single speed selection and also limiting maximum speed if used with an external potentiometer.

Efficient Performance

High efficiency low tonal noise backward curved centrifugal impellers are directly driven by EC external rotor motors, provide low specific fan powers and stepless speed control without tonal noise generation.

Weather Resistance

Units can be weatherproofed in the factory to allow external installation.

Controllability

EC motors providing precise speed control via potentiometer, BMS or Elta Fans DCV control. Reduced fan speeds can provide significant cost-savings through lower energy consumption in both mechanical energy of motors and also on the conditioning of replacement air.

Twin Fan Operation

Allowing control for auto changeover and duty share.

Warranty

Each SQT has a 12 month warranty.

Construction

Constructed from a robust 1.2mm galvanised mild steel sheet casing. Each casing provides spigots to suit standard circular ducting. A removable lid is provided as standard to allow easy maintenance and cleaning.

Motors

Units have EC external rotor motors fitted as standard. The motors contain sealed for life bearings. Thermal Class of motors to THCL 130 or 155 dependent on size. All motors are suitable for use in ambient air conditions up to +60°C.

Impellers

High efficiency low tonal noise backward curved centrifugal impellers, dynamically balanced to ISO 14694 Grade G6.3 and directly driven by the motor to provide a smooth airflow through the unit.

Typical Applications

- Toilets and Bathrooms
- Hotels
- Kitchens
- Residential
- Offices
- Libraries



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Product Coding

Code	Reference
SQT	Product Range
125	Diameter (125/150/200...)
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1	Voltage Supply (Single Phase / Three Phase)
EC	Motor Type (AC/EC)
A - Z	Additional Coding (A - Z) Product Variants
e.g.	SQT125 / 1ECL