

Lo-Carbon Quadra®/SELV

'One Fan fits all' Centrifugal Fan

Features & Benefits

- Single fan for use in toilets, bathrooms, utility rooms and kitchens
- Meets current Building Regulations Approved Document F & L for intermittent or continuous use
- Guaranteed installed performance
- Recognised in SAP Appendix Q - Low SFP on SAP Q 0.38 W/l/s
- 100mm circular spigot for easy installation and replacement of any existing fan
- Filterless technology and maintenance free
- Lo-Carbon motors offering 90% energy savings and long life
- Motor cassette cartridge for simple replacement
- Suitable for flush or surface mounting
- 5 Year Motor Guarantee
- IPX4 rated - IPX7 rated (SELV)
- Suitable for wall, ceiling and panel mounting
- Datalogger option available

Ventilation for any room

The Lo-Carbon Quadra offers a single fan suitable for surface or flush mounting. Low speed selectable between 6, 9 and 12l/s and high between 15, 30 and 60l/s all with through the wall or two ducted selections to ensure installed performance is met.

Lo-Carbon Quadra SELV

The Lo-Carbon Quadra SELV has been designed to meet building requirements where there is a need to fit in Zone 1 containing a fixed bath or shower according to IEE wiring regulations. The Lo-Carbon Quadra SELV can be safely installed within the spray area with the 24VDC Safety Isolating Power Supply situated away from the spray zone and out of reach of the person using the facility.

Discrete

With discrete aesthetics and low noise levels due to an accurately balanced impeller, it is also one of the most unobtrusive centrifugal kitchen fans available. The front cover design also provides no area for dirt to build up so it stays looking better for longer.

Models

Lo-Carbon Quadra TP/SVTP (Timer/Pullcord)

Dual speed: continuous running or intermittent to high speed. High speed via pullcord (On/Off) or switch live (with overrun timer).

| Model | Stock Ref |
|-----------------|-----------|
| TP | 439251 |
| SVTP | 442865 |
| TP Datalogger | 443811 |
| SVTP Datalogger | 446269 |

Lo-Carbon Quadra HTP/SVHTP (Humidistat/Timer/Pullcord)

Dual speed: continuous running or intermittent to high speed. High speed via integral pullcord (On/Off), integral adjustable humidity sensor or switch live (with overrun timer).

| Model | Stock Ref |
|------------------|-----------|
| HTP | 439181 |
| SVHTP | 442866 |
| HTP Datalogger | 443812 |
| SVHTP Datalogger | 446270 |

Lo-Carbon Quadra TM/SVTM (Timer/PIR)

Dual speed: continuous running or intermittent to high speed. High speed via integral PIR sensor or switch live (both with overrun timer).

| Model | Stock Ref |
|-------|-----------|
| TM | 439253 |
| SVTM | 442867 |

Flush Mounting Kit

Stock Ref
439256

Filter (optional)

Stock Ref
439927

Decoration Frame

Stock Ref
442551

Wall Kit

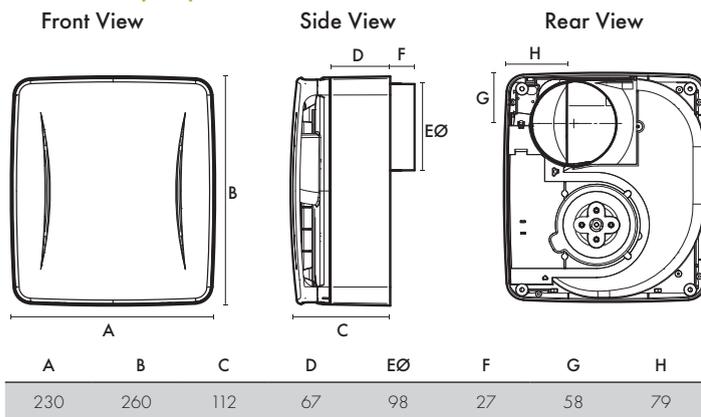
Stock Ref
254102 (White)
254100 (Brown)



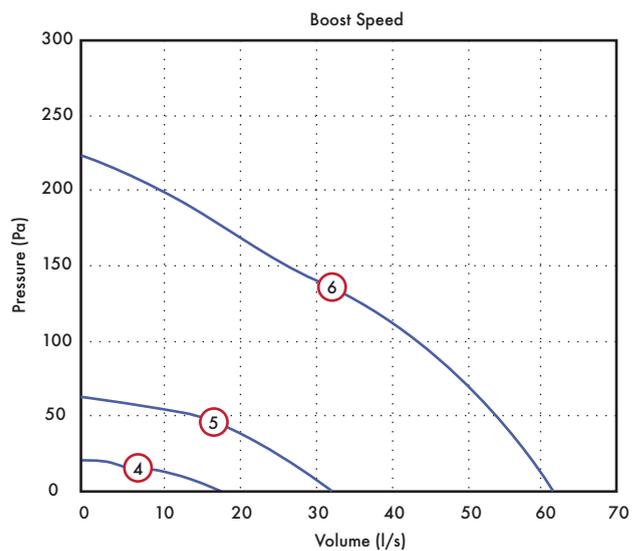
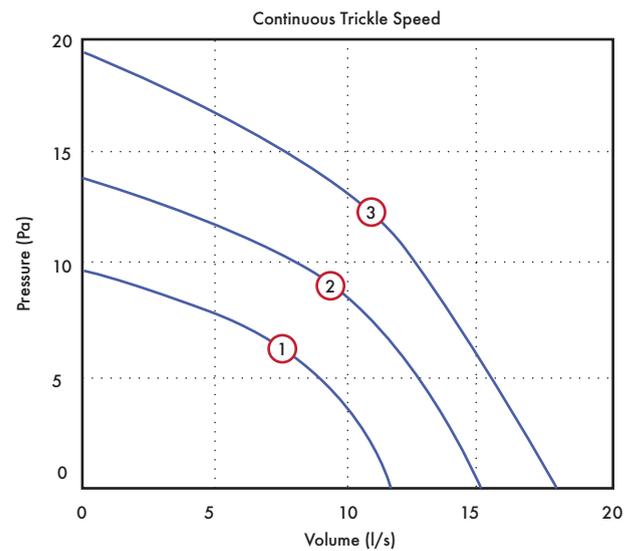
the **ELECTRICAL**
industry awards
WINNER 2011

Winners of the Energy Efficiency Initiative 2011 Award
with our Lo-Carbon Continuous Ventilation Product Range.

Dimensions (mm)



Performance Curve*



- ① Quadra 6 l/s
- ④ Quadra 15 l/s
- ② Quadra 9 l/s
- ⑤ Quadra 30 l/s
- ③ Quadra 12 l/s
- ⑥ Quadra 60 l/s

SAP Appendix Q Performance

Systems With Rigid Ductwork Installation Only

| Unit Configuration | Location | Fan Speed Setting | Flow Rate (l/s) | SFP (W/l/s) |
|--------------------|----------|-------------------|-----------------|-------------|
| In Room | Kitchen | 15 l/s | 15.8 | 0.41 |
| In Room | Wet Room | 9 l/s | 14.6 | 0.61 |
| Through Wall | Kitchen | 15 l/s | 21.4 | 0.38 |
| Through Wall | Wet Room | 9 l/s | 19.5 | 0.50 |

Systems With Flexible Or Mixed Ductwork Installation Only

| Unit Configuration | Location | Fan Speed Setting | Flow Rate (l/s) | SFP (W/l/s) |
|--------------------|----------|-------------------|-----------------|-------------|
| In Room | Kitchen | 15 l/s | 13.7 | 0.41 |
| In Room | Wet Room | 9 l/s | 12.9 | 0.63 |
| Through Wall | Kitchen | 15 l/s | 21.4 | 0.38 |
| Through Wall | Wet Room | 9 l/s | 19.5 | 0.50 |

Performance Guide

| Model | Extract Performance | | | | Power | | Sound | |
|-----------------------------------|---------------------|-----|-------------------|-----|-------|-------|------------|-----|
| | High | | Low | | High | Low | dB(A) @ 3m | |
| | m ³ /h | l/s | m ³ /h | l/s | Watts | Watts | High | Low |
| Lo-Carbon Quadra/SELV TP/ HTP/ TM | 223 | 63 | 22 | 6 | 38 | 3.8 | 50 | 20 |

*Tested in through the wall installation

*FID Performance