

Lo-Carbon Quadra®/SELV

“One Fan fits all” Centrifugal Fan

Features & Benefits

- Single fan for use in toilets, bathrooms, utility rooms and kitchens
- Meets Building Regulations for intermittent or continuous use
- Guaranteed installed performance
- SAP Appendix Q eligible - Low SFP on SAP Q 0.38.
- 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.
- TP and HTP main and SELV version also includes an optional datalogger.

SAP Appendix Q Performance

Systems With Rigid Ductwork Installation Only

Unit Configuration	Location	Fan Speed Setting	Flow Rate (L/s)	Flow Rate - Wind Condition (l/s)	Specific Fan Power (W/l/s)	% Reduction Of Total Flow Rate
In Room	Kitchen	15 l/s	15.8	14.4	0.41	9
In Room	Wet Room	9 l/s	14.6	13.2	0.61	10
Through Wall	Kitchen	15 l/s	21.4	19.4	0.38	9
Through Wall	Wet Room	9 l/s	19.5	17.6	0.58	10

Systems With Flexible Or Mixed Ductwork Installation Only

Unit Configuration	Location	Fan Speed Setting	Flow Rate (L/s)	Flow Rate - Wind Condition (l/s)	Specific Fan Power (W/l/s)	% Reduction Of Total Flow Rate
In Room	Kitchen	15 l/s	13.7	12.4	0.41	9
In Room	Wet Room	9 l/s	12.9	11.6	0.63	10
Through Wall	Kitchen	15 l/s	21.4	19.4	0.38	9
Through Wall	Wet Room	9 l/s	19.5	17.6	0.58	10

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

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.

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

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

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

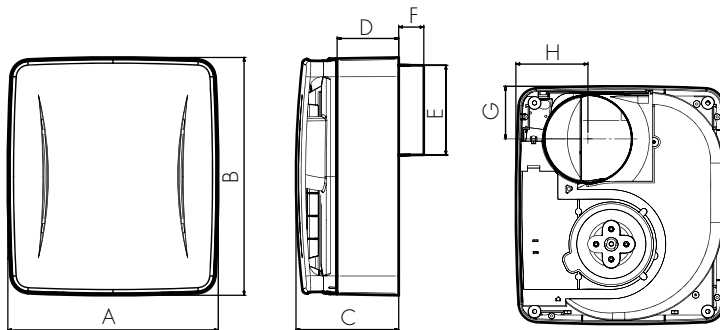


Dimensions (mm)

Front View

Side View

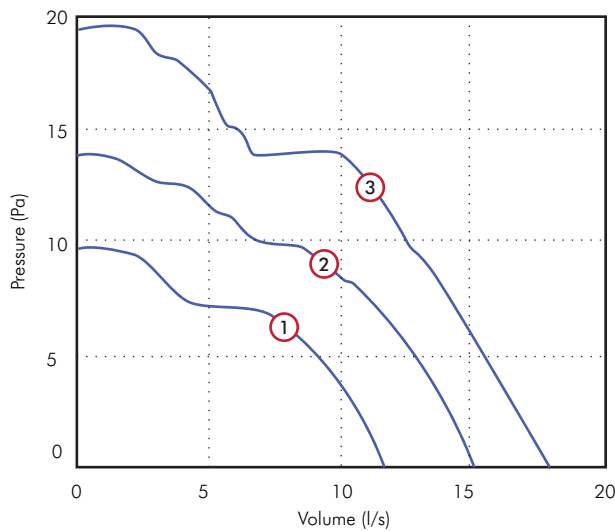
Rear View



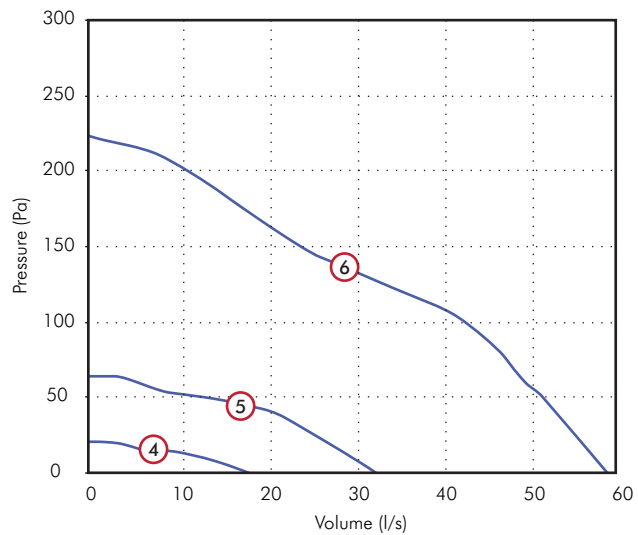
A	B	C	D	E	F	G	H
230	260	112	67	98	27	58	79

For wall fitting kit refer to Ducting Section

Performance Curve



- ① Quadra 6 l/s
- ② Quadra 9 l/s
- ③ Quadra 12 l/s



- ④ Quadra 15 l/s
- ⑤ Quadra 30 l/s
- ⑥ Quadra 60 l/s

Performance Guide

Model	m ³ /h	Extract Performance				Power		Sound dB(A) @ 3m	
		High	Low	High	Low	High	Low		
		m ³ /h	l/s	m ³ /h	l/s	Watts	Watts	High	Low
Lo-Carbon Quadra/SELV TP	216	60	22	6	35.7	3.8	50	20	
Lo-Carbon Quadra/SELV HTP	216	60	22	6	35.7	3.8	50	20	
Lo-Carbon Quadra/SELV TM	216	60	22	6	35.7	3.8	50	20	

*Tested in through the wall installation