

# Lo-Carbon T-Series® Window Models



## Features & Benefits

- Reduces your carbon footprint.
- Extract/intake model in 2 sizes: Size 9 and 12.
- Long life Lo-Carbon motors last twice as long as conventional motors.
- Up to 70% energy saving.
- Designed to comply with International safety standards.
- Wired or Wire-less fan models available.
- Easy fit connector Top Socket, standard on all models.

## Instantaneous Shutter

With energy saving in mind units are supplied complete with an integral instantaneous automatic louvre shutter concealed behind the interior grille. It operates on both extract and intake and at any angle of mounting.

The shutter is electronically controlled by an actuator with a damped action giving quiet operation during instant opening and closing. The interlocking edges of the shutter blades provide maximum backdraught protection. When the ventilating unit is used with the Lo-Carbon T-Series controller, the shutter can be set open with the fan motor switched Off to provide natural ventilation without the security risk of an open window.

## Controllers



Models	Stock Ref
Wire-less	455874
Wired	455873

## Dimensions (mm)

Size Dim.	9 mm	12 mm
A	39	41
B	150	177
C	304	381
D	302	378
E	19	19
F	54	54
Fixing hole Ø	260	337
Weight kg	5.35	7.7

## UK's No. 1 Commercial Fan

The Lo-Carbon T-Series range is fitted with a low energy DC motor, developed to improve performance, lower running costs and maintain T-Series' rugged reliability.

Designed for installation through single or double glazing and material up to 32mm thick. Greater thicknesses can be accommodated using extended fixing rod sets. Alternatively, the Lo-Carbon T-Series range can be used in conjunction with Vent-Axia ventilation accessories in flexible and rigid ducting systems to suit individual requirements. The fan can also be mounted in a fixing plate on walls or above ceilings.

## Models

### Wired Model

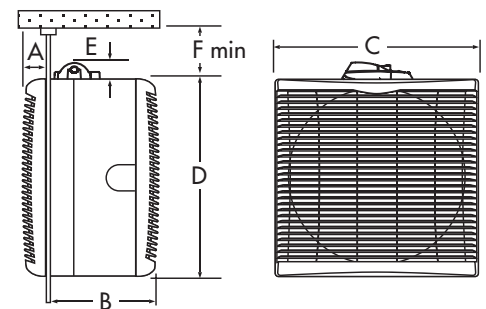
Size	Stock Ref
9" Window	456165A
12" Window	456173A

### Wire-less Model

Size	Stock Ref
9" Window	456169A
12" Window	456177A

Designed for use in single or double glazing, most types of glass and materials up to 32mm thick. Greater thicknesses can be accommodated using Extended Fixing Rod Sets. Can also be mounted in a fixing plate or wall, in ducts or above ceilings

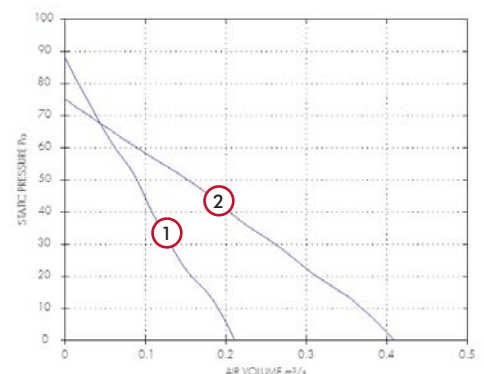
Controller (W x H x D) 97 x 99 x 32



## Performance

Model	Curve	Extract performance m³/h (l/s)			Watts (high)	Sound dB(A) (med) @ 3m	Amps @ 240V
		low	medium	high			
Lo-Carbon TX9WW - Wire-less	①	332 (90)	571 (160)	761 (210)	30.8	40	0.35
Lo-Carbon TX9WW - Wired	①	332 (90)	571 (160)	761 (210)	30.8	40	0.35
Lo-Carbon TX12WW - Wire-less	②	660 (185)	1295 (360)	1550 (430)	68.6	46	0.73
Lo-Carbon TX12WW - Wired	②	660 (185)	1295 (360)	1550 (430)	68.6	46	0.73

## Performance Graph



For further performance details please go to [www.vent-axia.com](http://www.vent-axia.com)