

Lo-Carbon T-Series® Roof Models



Features & Benefits

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

It will operate on both intake and extract 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.

When the ventilating unit is used with a 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.

Top Socket

A connector Top Socket is now standard on all T-Series fans. This unique system allows for fast and trouble-free mains connection. Just wire it up, then slide and clip into place. This covers all models and sizes including the Lo-Carbon T-Series range.

Electrical

Motor purpose-designed. Suitable for running at any angle. Quiet running, enclosed. Suitable for operation in ambient temperatures from -40°C to +50°C.

Fitted with self resetting Standard Thermal Overload Protection (S.T.O.P.).
Supply voltage 220-240V/1/50Hz.

Models

Wired Model	Stock Ref
9" Roof	456168A
12" Roof	456176A

Wire-less Model	Stock Ref
9" Roof	456172A
12" Roof	456180A

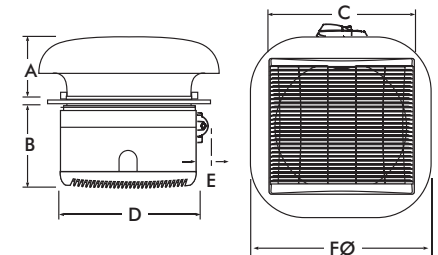


Controllers	Stock Ref
Wire-less	455874
Wired	455873

Dimensions (mm)

Size Dim.	9 mm	12 mm
A	136	171
B	150	177
C	304	381
D	302	378
E	54	54
FØ	400	500
Fixing Hole	260	337
Weight kg	6.22	9.28

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



UK's No. 1 Commercial Fan

Designing ventilation systems with the fan mounted in a skylight or a flat roof is easy. With a low profile cowling, the Lo-Carbon T-Series Roof model is suitable for installation in horizontal, angled and vertical glass and for fixing plates in roofs. For vertical windows or walls in exposed areas and single and double glazing including most types of glass up to 32mm thick. Greater thicknesses can be accommodated using extended fixing rod sets. Both sizes of Vent-Axia roof plate assemblies can be fitted easily into flat roofs.

Instantaneous Shutter

With energy saving in mind Lo-Carbon T-Series models are supplied complete with an integral, instantaneous, automatic louvre shutter concealed behind the interior grille.

Performance

Model	Curve	Extract performance m³/h (l/s)			Watts (high)	Sound dB(A) (med) @ 3m	Amps @ 240V
		low	medium	high			
Lo-Carbon TX9RF - Wire-less	①	313 (85)	562 (155)	693 (190)	27	40	0.34
Lo-Carbon TX9RF - Wired	①	313 (85)	562 (155)	693 (190)	27	40	0.34
Lo-Carbon TX12RF - Wire-less	②	518 (143)	1017 (282)	1194 (330)	67	48	0.69
Lo-Carbon TX12RF - Wired	②	518 (143)	1017 (282)	1194 (330)	67	48	0.69

For further performance details please go to www.vent-axia.com

Performance Graph

