

Lo-Carbon Sentinel T-Series Wall Fan

- Extract/intake model in 2 sizes; 9" and 12"
- Compatible with a wide range of IAQ sensors
- One model with wired & wireless communication
- Energy efficient EC3 motors
- Lo-Carbon 5-year warranty
- Secure natural ventilation
- Easy fit connector Top Socket, standard on all models



UK's No. 1 Commercial Fan

The Lo-Carbon Sentinel T-Series Fan range features an energy-efficient EC3 motor, designed to improve performance, reduce running costs, and maintain the T-Series' rugged reliability.

To further enhance indoor air quality, the Lo-Carbon Sentinel T-Series is now compatible with a wide range of sensors and switches, and is available with both wired and wireless communication.

One product with flexibility: our new design allows you to select wired or wireless communication on site, no need for separate models.

Wall Fan

Lo-Carbon Sentinel T-Series wall models are designed to fit directly into double brick, solid and cavity walls. The two-part telescopic liner accommodates wall thicknesses from 240 to 315mm.

For thicker walls additional liner sections are available. Lo-Carbon Sentinel T-Series wall models are provided with internal and external wall frames which fit flush with both faces of the wall.

Instantaneous Shutter

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

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 fan is used with a Lo-Carbon Sentinel 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.

Electrical

Motor purpose-designed. Suitable for running at any angle. Quiet running, enclosed. Suitable for operation in ambient temperatures from

-20°C to +40°C. Fitted with self resetting Standard Thermal Overload Protection (S.T.O.P.).

Supply voltage 220-240V/1/50Hz.

Top Socket

A connector Top Socket is standard on all T-Series fans. Allowing fast and trouble-free mains connection.

Easy Cleaning

Integrated component design allows all parts to be dismantled for cleaning without the use of specialist tools.

Models

Complete Fan

Size	Stock Ref
9" LCST9WL	416296
12" LCST12WL	416300

Fan Core (excludes Wall Kit)

Size	Stock Ref
9"	417009
12"	417010

Wall Kit (excludes Fan Core)

Size	Stock Ref
9"	472045
12"	472046

Accessory

Additional Wall Liner Section

Size	Stock Ref
9"	460096
12"	460086

Accessories



Model
Wired/Wireless Controller

Stock Ref
415169



Model
Battery Powered Internal Temperature and Humidity Sensor

Stock Ref
496431



Model
240V CO₂ Temperature and Humidity Sensor

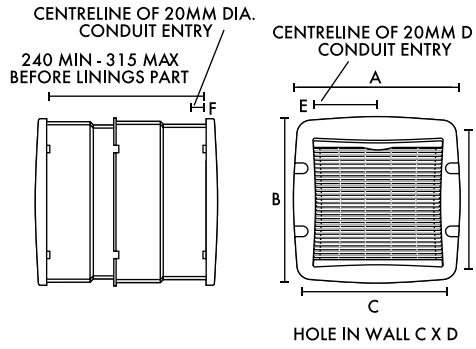
Stock Ref
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Model
240V PIR Sensor

Stock Ref
496438

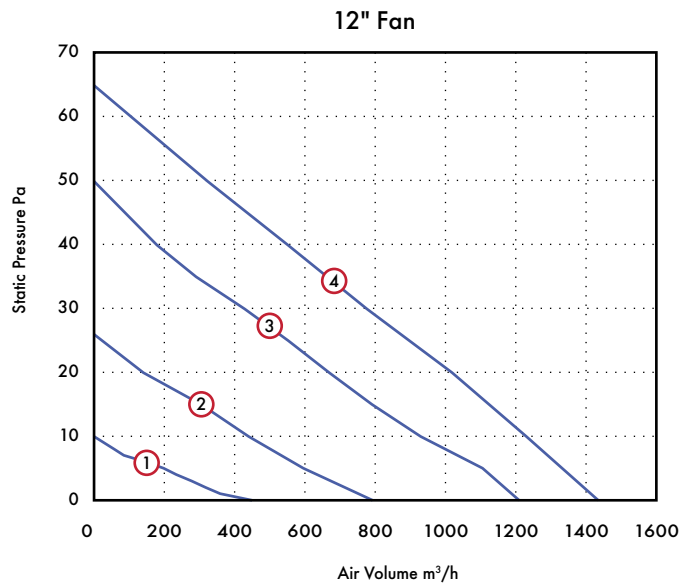
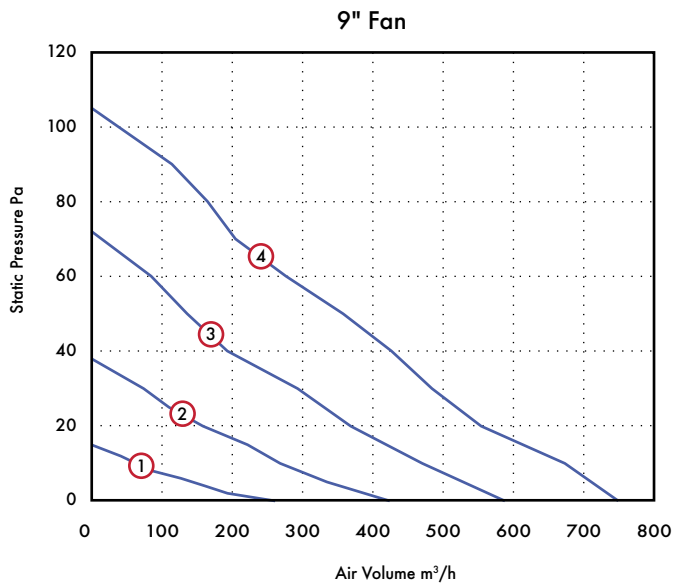
Dimensions (mm)



Size Dim.	9 in	12 in
A	391	470
B	388	467
C	365	442
D	375	450
E	143	182
F	25	25
Weight kg*	7.77	10.86

*Complete product. Controller (W x H x D) 91 x 91 x 22

Performance Guide



Model	Curve	Speed	Spectrum	63	125	250	500	1k	2k	4k	8k	dBa @ 3m
Lo-Carbon 9" Wall Fan LCST9WL	1	25%	Inlet	44	41	38	35	30	24	19	23	16
	2	50%	Inlet	53	50	49	47	44	41	32	25	29
	3	75%	Inlet	57	57	57	55	53	50	44	35	37
	4	100%	Inlet	57	66	63	62	60	57	51	45	44
Lo-Carbon 12" Wall Fan LCST12WL	1	25%	Inlet	44	41	38	35	30	24	19	23	16
	2	50%	Inlet	53	50	49	47	44	41	32	25	29
	3	75%	Inlet	57	57	57	55	53	50	44	35	37
	4	100%	Inlet	57	66	63	62	60	57	51	45	44