

Traditional T-Series® Window Models



Features & Benefits

- Extract/intake fans in 4 sizes: 6", 7", 9" and 12"
- Patented electronic shutter system ensures quiet trouble free operation
- To obtain the best from your fan, use the Ecotronic controller
- Shutter open/fan off mode
- Low sound levels
- Easy fit connector Top Socket, standard on all models
- Designed for single or double glazing up to 32mm thick

UK's No. 1 Commercial Fan

T-Series range is fitted with a Vent-Axia M-Tech motor, developed to improve performance, lower running costs and maintain the T-Series' rugged reliability. A patented speed control pack is simply plugged in one of 3 positions to provide low, medium or boost speed matching the fan performance to the requirements of the installation.

Performance

Model	Extract performance m³/h (l/s)			Watts (high)	Sound dB(A) (med) @ 3m	Amps @ 240V
	low	medium	high			
TX6VWW	245 (68)	315 (88)	360 (100)	30	41	0.24
TX7VWW	305 (85)	395 (110)	485 (135)	40	37	0.24
TX9VWW	465 (130)	685 (190)	795 (220)	85	43	0.42
TX12VWW	1095 (305)	1415 (393)	1615 (449)	105	48	0.51

Instantaneous Shutter

With energy saving in mind TX models 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.

When the ventilating unit is used with a 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. 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.

Electrical

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

Fitted with Standard Thermal Overload Protection (S.T.O.P.).

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

Models

Window Models

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.

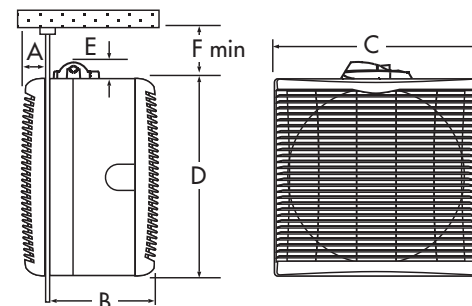
Model	Stock Ref
TX6VWW	W161110
TX7VWW	W162110
TX9VWW	W163110
TX12VWW	W164110

Extended Fitting Rod set

Size	Stock Ref
6/7/9"	568104
12"	568106

Dimensions (mm)

Size Dim.	6 in	7 in	9 in	12 in
A	31	31	39	41
B	130	130	150	177
C	226	265	304	381
D	220	258	302	378
E	19	19	19	19
F	54	54	54	54
Fixing hole Ø	184	222	260	337
Weight kg	3.57	3.93	5.35	7.7



Traditional T-Series® Wall Models



Features & Benefits

- Extract/intake model in 4 sizes: 6", 7", 9" and 12"
- Patented electronic shutter system ensures quiet, trouble free operation
- For the very best from your fan use the Ecotronic controller
- Easy fit connector Top Socket, standard on all models

UK's No. 1 Commercial Fan

Behind the grille of the Vent-Axia T-Series Wall model is a range of high performance extract/intake ventilating units designed to fit through most wall thicknesses using telescopic liners supplied.

T-Series also features a unique speed control pack which enables high, medium or low speed to be preset to suit room size or required duty.

T-Series controllers may be used with this model to obtain a choice of speeds, reversible airflow direction and automatic sensor operation. The Vent-Axia Ecotronic controller gives even greater running economy with its minimum speed setting and 'E' mode.

Top Socket

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

Shutter

TX models are supplied complete with an integral instantaneous automatic louvre shutter which will operate on both intake and extract and at any angle of mounting.

When the ventilating unit is used with a 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 -40°C to +50°C.

Fitted with Standard Thermal Overload Protection (S.T.O.P.).

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

Models

Wall Models

Designed to fit into most double brick walls using the telescopic liners, supplied. Additional liners are available to accommodate exceptionally brick walls.

Model	Stock Ref
TX6WL	W161510
TX7WL	W162510
TX9WL	W163510
TX12WL	W164510

Wall Liner Section

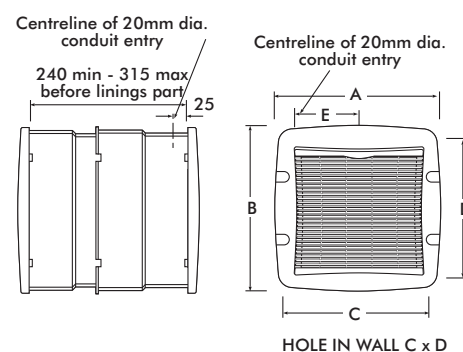
Size	Stock Ref
6"	460094
7"	460095
9"	460096
12"	460086

Dimensions (mm)

Size Dim.	6 in	7 in	9 in	12 in
A	310	352	391	470
B	303	345	388	467
C	290	330	365	442
D	290	330	375	450
E	104	124	143	182
Weight kg	5.54	6.13	7.77	10.86

Performance

Model	Extract performance m³/h (l/s)			Watts (high)	Sound dB(A) (med) @ 3m	Amps @ 240V
	low	medium	high			
TX6WL	270 (75)	350 (97)	395 (110)	40	43	0.24
TX7WL	335 (93)	435 (120)	530 (147)	40	39	0.24
TX9WL	515 (143)	755 (210)	870 (241)	85	43	0.42
TX12WL	1185 (329)	1530 (425)	1745 (485)	105	49	0.51



Traditional T-Series® Roof Models



Features & Benefits

- Extract/intake model in 4 sizes: 6", 7", 9" and 12"
- Patented electronic shutter system ensures quiet, trouble free operation
- For the very best from your fan use the Ecotronic controller
- T-Series controllers and sensors save energy by only switching on the units when you want them to, either manually or automatically
- Easy fit connector Top Socket, standard on all models

UK's No. 1 Commercial Fan

With a low profile cowl, the 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 or double glazing including most types of glass up to 32mm thick. Greater thicknesses can be accommodated using extended fixing rod sets. All four sizes of Vent-Axia roof plate assemblies can be fitted easily into flat roofs.

T-Series features a unique speed control pack which enables high, medium or low speed to be preset to suit room size or required duty. When used with a T-Series TSC controller, the speed control pack is removed from the T-Series ventilating unit and fitted into the 3-pin socket in the back of the controller. The Vent-Axia Ecotronic controller gives even greater running economy with its minimum speed setting and 'E' mode. When using the Ecotronic controller the speed control pack remains in the fan.

Shutter

With energy saving in mind, TX 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.

When the ventilating unit is used with a 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 -40°C to +50°C.

Fitted with Standard Thermal Overload Protection (S.T.O.P.).

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

Top Socket

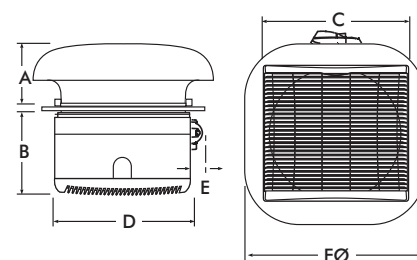
A connector Top Socket is now standard on all T-Series fans. Allowing fast and trouble-free mains connection.

Models

Model	Stock Ref
TX6RF	W161210
TX7RF	W162210
TX9RF	W163210
TX12RF	W164210

Dimensions (mm)

Size Dim.	6 in	7 in	9 in	12 in
A	100	136	136	171
B	130	130	150	177
C	226	265	304	381
D	220	258	302	378
E	54	54	54	54
F Ø	285	400	400	500
Fixing Hole Ø	184	222	260	337
Weight kg	3.96	4.89	6.22	9.28



Performance

Model	Extract performance m³/h (l/s)			Watts (high)	Sound dB(A) (med) @ 3m	Amps @ 240V
	low	medium	high			
TX6RF	195 (55)	250 (70)	290 (80)	30	41	0.24
TX7RF	305 (85)	395 (110)	485 (135)	40	37	0.24
TX9RF	465 (130)	685 (190)	795 (220)	85	43	0.42
TX12RF	1010 (280)	1305 (362)	1485 (412)	105	48	0.51

Traditional T-Series® Panel/Ceiling Models



Features & Benefits

- Extract/intake model in 4 sizes: 6", 7", 9" and 12"
- Colour: soft tone grey
- Patented electronic shutter system ensures quiet trouble-free operation
- For the very best from your fan use the Ecotronic controller
- East fit connector Top Socket, standard on all models

UK's No. 1 Commercial Fan

Vent-Axia T-Series Panel/Ceiling models are suitable for mounting at any angle in internal partitions, ceilings, ducts and, with louvre grilles, through external walls. When installed only the louvre grille is visible. The range features a unique speed control pack which enables high, medium or low speed to be preset to suit a specific room size or required duty.

T-Series controllers may be used with this model to obtain a choice of speeds, reversible airflow direction and automatic sensor operation. When used with a controller, the speed control pack is removed from the T-Series ventilating unit and fitted into the 3-pin socket in the back of the controller. The Vent-Axia Ecotronic controller gives even greater running economy with its minimum speed setting on 'E' mode and infinitely variable speed control. For this controller the speed control pack remains in the fan.

Electrical

Suitable for operation in ambient temperatures from -40°C to +50°C.

Fitted with Standard Thermal Overload Protection (S.T.O.P.).

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

Top Socket

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

Shutter

With energy saving in mind, TX 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.

When the ventilating unit is used with a 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.

Models

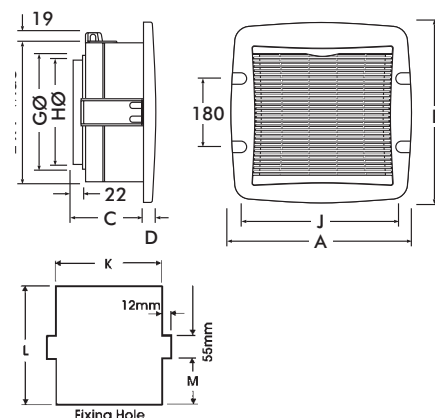
Model	Stock Ref
TX6PL	W161610
TX7PL	W162610
TX9PL	W163610
TX12PL	W164610

Dimensions (mm)

Size Dim.	6 in	7 in	9 in	12 in
A	310	352	391	470
B	303	345	388	467
C	117	117	129	152
D	32	32	39	41
E	220	258	302	378
F	226	265	304	381
GØ	180	218	255	334
HØ	171	210	247	325
J	267	306	345	422
K	231	270	309	386
L	244	282	326	402
M	85	104	126	164
Weight kg	3.50	3.82	5.13	7.44

Performance

Model	Extract performance m³/h (l/s)			Watts (high)	Sound dB(A) (med) @ 3m	Amps @ 240V
	low	medium	high			
TX6PL	295 (81)	380 (105)	435 (120)	30	41	0.24
TX7PL	365 (101)	480 (133)	585 (162)	40	37	0.24
TX9PL	565 (157)	830 (230)	960 (267)	85	43	0.42
TX12PL	1270 (353)	1640 (456)	1885 (524)	105	44	0.51



Traditional T-Series® Darkroom Models



Features & Benefits

- Extract/intake models in 4 sizes: 6", 7", 9" and 12"
- Specially designed to provide extract/intake ventilation in darkrooms, X-ray areas, etc
- Patented electronic shutter system ensures quiet, trouble free operation
- For the very best from your fan use the Ecotronic controller
- Integrated component design allows all parts to be dismantled for cleaning without the use of specialist tools
- Easy fit connector Top Socket, standard on all models

UK's No. 1 Commercial Fan

A range designed for photographic, medical, dental and veterinarian applications - used also for opticians and other specialist applications. Most darkrooms need a minimum of ten air changes per hour for comfort and efficiency. For rooms containing heat producing equipment (eg: print glazers) a higher rate of air change may be desirable.

The Darkroom model has two cowls, the interior cowl being designed to give light protection. It can be installed in windows, partitions, external walls or roofs. Extended fixing rods for fixing thicknesses up to 370mm are supplied with the unit. Provision should be made for adequate air replacement through Vent-Axia non-vision grilles.

Performance

Model	Extract performance m ³ /h (l/s)			Watts (high)	Sound dB(A) (med) @ 3m	Amps @ 240V
	low	medium	high			
TX6DR	200 (55)	240 (67)	265 (74)	30	43	0.24
TX7DR	330 (92)	415 (115)	530 (147)	40	42	0.24
TX9DR	455 (126)	630 (175)	725 (201)	85	45	0.42
TX12DR	870 (242)	1040 (289)	1130 (314)	100	42	0.51

Shutter

With energy savings in mind TX models are supplied complete with an integral instantaneous automatic louvre shutter concealed behind the interior cowl. Operates on intake and extract at any angle of mounting.

When used with a 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. Allowing fast and trouble-free mains connection.

Electrical

Suitable for running at any angle. Quiet running, enclosed. Fitted with Standard Thermal Overload Protection (S.T.O.P.).

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

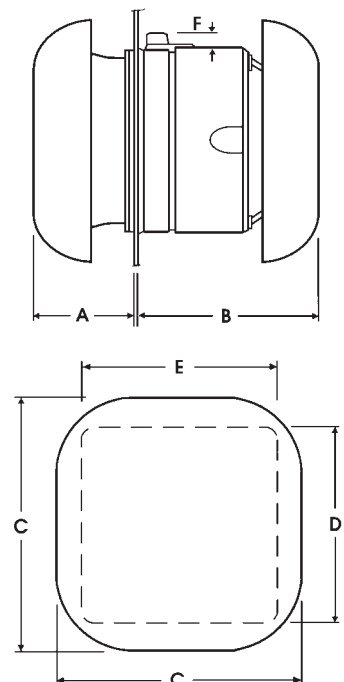
Suitable for operation in ambient temperatures from -40°C to +50°C.

Models

Model	Stock Ref
TX6DR	W161240
TX7DR	W162240
TX9DR	W163240
TX12DR	W164240

Dimensions (mm)

Size Dim.	6 in	7 in	9 in	12 in
A	100	136	136	171
B	196	206	229	308
C	285	400	400	500
D	220	258	302	378
E	226	265	304	381
F	19	19	19	19
Fixing Hole Ø	184	222	260	337
Weight kg	4.13	5.33	6.60	10.05



Traditional T-Series® In-Line Models



Features & Benefits

- Extract/intake model in 3 sizes: 6", 9" and 12"
- Patented instantaneous electronic shutter system ensures quiet, trouble free operation
- For the best from your fan use the Ecotronic controller
- T-Series controllers and sensor save energy by only switching on the units when you want them to, either manually or automatically
- Easy fit connector Top Socket, standard on all models

UK's No. 1 Commercial Fan

No other range of high performance in-line duct fan offers a combination of 3 impeller diameters, reversibility, low sound level, speed control and built-in electric shutter. T-Series features a unique speed control pack which enables high, medium or low speed to be preset to suit room size or required duty. Designed for use with rigid or flexible ducting, T-Series In-Line models can be plate mounted or fixed through partitions and in ceiling voids.

T-Series controllers may be used with this model to obtain a choice of speeds, extract/intake airflow direction and automatic sensor operation. The Vent-Axia Ecotronic controller gives even greater running economy with its minimum speed setting and 'E' mode.

Performance

Model	Extract performance m³/h (l/s)			Watts (high)	Sound dB(A) (med) @ 3m	Amps @ 240V
	low	medium	high			
TX6IL	318 (88)	398 (110)	444 (123)	30	45	0.24
TX9IL	703 (195)	966 (268)	1050 (292)	85	47	0.42
TX12IL	1674 (465)	2000 (556)	2230 (620)	100	51	0.51

Top Socket

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

Shutter

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 back draught protection.

When the ventilating unit is used with a 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.

Arrangements

Where ducts pass through an unheated roof void, the duct should be insulated. Horizontal ducts should fall away from the fan unit. In circumstances where an excessive amount of moisture is present, a condensation trap should be installed in the exhaust duct. The fan unit should be accessible for regular maintenance.

Electrical

Suitable for operation in ambient temperatures from -40°C to +50°C.

Fitted with Standard Thermal Overload Protection (S.T.O.P.).

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

Models

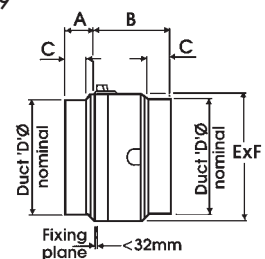
Model	Stock Ref
TX6IL	W161710
TX9IL	W163710
TX12IL	W164710

For use with rigid and flexible ducting. Can be plate-mounted or fixed to partitions and in ceiling voids.

Dimensions (mm)

Size Dim.	6 in	9 in	12 in
A	75	71	200
B	175	183	337
C	45	41	45
D	175	300	400
E	220	302	378
F	226	304	381
Fixing Hole Ø	184	260	337

Sizes 6 & 9



Sizes 12

