



Ezifit Thru-Wall SEWE

Product Brochure

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Ezifit Thru-Wall SEWE

win./wall

Wall Mounted Centrifugal Fan



OVERVIEW

The Ezifit Thru-Wall SEWE unit is a surface mounted fan which is specifically developed in response to the need for a fan that does not take up internal space and is suited to ducted systems where space is restricted such as between floors in residential applications.

MORE INFORMATION

AC

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QUICK FACTS

- ✓ Easy to install on exterior wall.
- ✓ Suitable for applications requiring long lengths of duct.
- ✓ Can be used with variable speed controller.
- ✓ Suitable for operating temperatures up to +50°C.
- ✓ Stylish compact design.

CASING

The all metal fan casing and guard provides a long lasting and robust construction.

The units have been constructed from mild steel and suitably treated to ensure full corrosion protection.

Fly mesh is fitted to the inside of the outlet grille as standard to keep out insects. Fan casings shall have a grey colourbond finish.

IMPELLER

Impellers shall be single inlet backward curved centrifugal type.

Impellers are balanced to ISO 14694 Grade G6.3.

MOTORS

Highly efficient, maintenance free external rotor motors shall be used, matched to the aerodynamic performance of the impeller. These shall be protected to IP44 and suitable for speed control and working temperatures up to +50°C.

QUALITY MANAGEMENT

Units are to be designed and manufactured with procedures as defined in BS EN ISO 9001:2008.

All SEWE units are to be tested to ISO 5801:2007 (airside performance) and BS 848 Part 2:1985 (sound performance).

TYPICAL APPLICATIONS

- Domestic Kitchen Range Hood Exhaust
- Bathrooms
- Laundries
- Clothes Dryer Venting
- Sub Floor Ventilation
- Smaller Commercial Installation



Elta Fans Limited has a policy of continuous product development and improvement and therefore reserves the right to supply products which may differ from those illustrated and described in this publication. Confirmation of dimensions and data will be supplied on request.

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Performance & Electrical Data

SINGLE Phase - 220 to 240V / 50Hz

Product Code	Speed r/min	Airflow SFP	Airflow m ³ / s @ Static Pressure Pa								Overall Efficiency %	FMEG	Motor Electrical Data		dBA @ 3m	
			0	25	50	75	100	150	200	250			FLC Amps	Input kW		
SEWE152	2460	m ³ / s	0.124	0.118	0.110	0.103	0.095	0.077	0.059	0.038	15.2	-	0.30	0.083	Inlet	45
		W / (L/s)	0.66	0.70	0.75	0.81	0.88	1.05	1.32	1.86					Outlet	-
SEWE154	1380	m ³ / s	0.067	0.057	0.044	0.025					6.8	-	0.16	0.034	Inlet	34
		W / (L/s)	0.49	0.58	0.76	1.30									Outlet	-

Overall static efficiency, and r/min are as per ISO 12759 installation category "C".

Data provided at standard air density of 1.2 kg/m³.

20 μ Pa and is presented for comparative purposes only, as in practice the semi reverberant nature of any installation and directivity effects can give a different value.

Sound Data

SINGLE Phase - 220 to 240V / 50Hz

Product Code		Sound Power Level dBW @ Octave Band Hz								Total dB
		63 Hz	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz	
SEWE152	Inlet	61	60	66	65	61	57	52	42	71
	Outlet	-	-	-	-	-	-	-	-	9
SEWE154	Inlet	53	52	57	55	48	43	36	27	61
	Outlet	-	-	-	-	-	-	-	-	9

The overall A-scale sound pressure level is at a distance of three meters with spherical propagation. It is expressed in dB re

Accessories & Wiring Data

SINGLE Phase - 220 to 240V / 50Hz

Product Code	Electronic Controller	Wiring Diagram No.
SEWE154	149-EL21	152-508
SEWE152	149-EL21	152-508

Tests and preparation of the sound data have been carried out in accordance with BS 848 Part 2:1985 at 50% peak pressure.

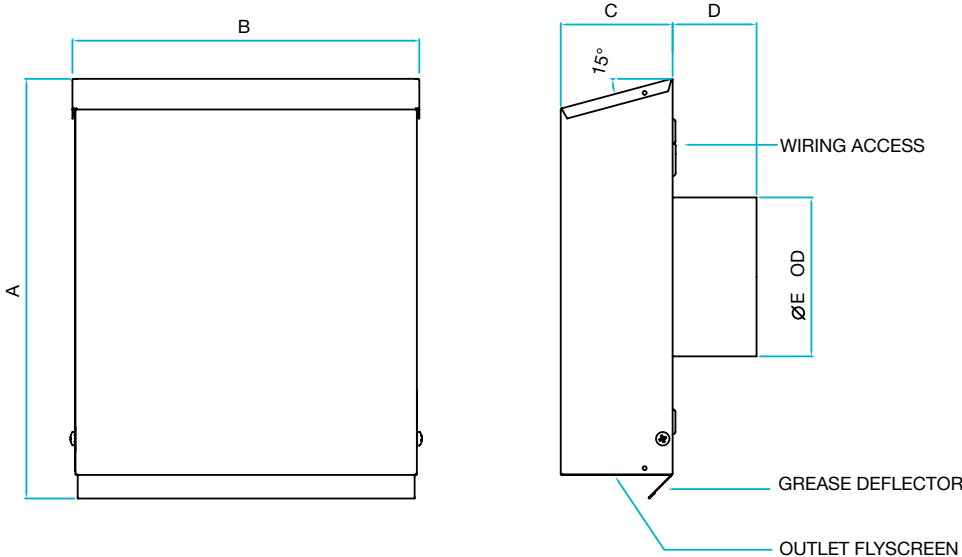
The Sound Power Level Spectra are in dB re-1pW.

The overall A-weighted sound pressure level is at a distance of 3m with spherical free-field propagation. It is expressed in dB re-20 μ Pa and is presented for comparative purposes only.

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Dimensional Data



Product Code	A	B	C	D	E	Weight kg
SEWE154	375	310	100	75	142	5
SEWE 152						

All dimensions are shown in mm.

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