



SEWE154 **EZIFIT THRU-WALL SEWE** Wall Mounted Centrifugal Fan

EZIFIT THRU-WALL SEWE

Product 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.

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



EZIFIT THRU-WALL SEWE



Performance, SFP & Electrical Data

Single Phase 220V to 240V / 50Hz

Product Code	Speed r/min	Airflow	Airflow m ³ /s @ Static Pressure Pa				At Best Efficiency Point		Electrical Data	dBA @ 3m	
			0	25	50	75	Overall Eff %	Input kW	FLC Amps		
SEWE154	1380	m ³ /s	0.067	0.057	0.044	0.025	6.8	0.034	0.16	Inlet	34
		W/(L/s)	0.49	0.58	0.76	1.30				Outlet	-

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

Data in accordance with ErP 1253/2014 of the European Parliament. Product category is NRVU. Measurement category used to determine energy efficiency: C.

A variable speed drive is integrated within the fan.

Peak Amps @ 230V / 1PH / 50Hz.

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

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Sound Data

Single Phase 220V to 240V / 50Hz

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

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

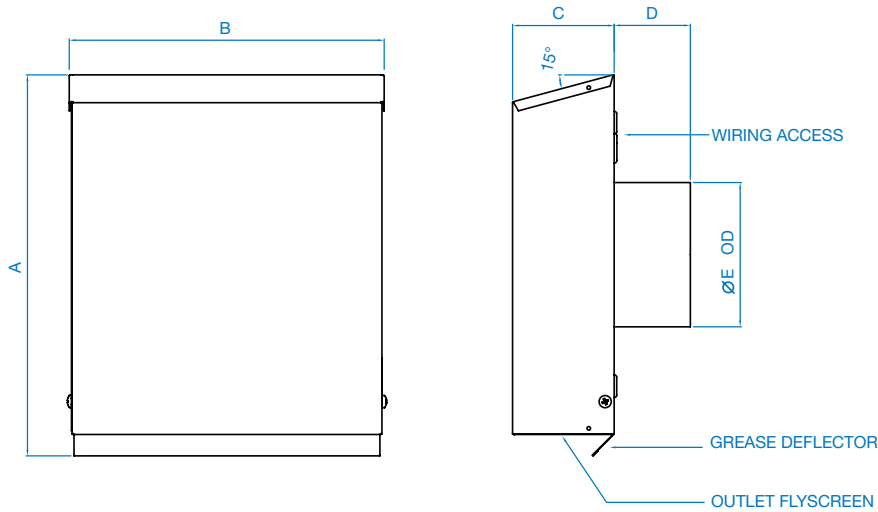
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Dimensional Data

Single Phase

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



Dimensions are in mm.

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Accessories

Single Phase

Product Code	Spigot Silencer 300mm Long	Spigot Silencer 600mm Long	Spigot Silencer 900mm Long	Spigot Silencer 1200mm Long	Fast Clamps (each)	Wiring Diagrams
SEWE154	068-0150-JF1	068--0150-JF2	068-0150-JF3	068-0150-JF4	018-0150-CLAMP	152-508

Building Services

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