ELTA SELECT

Window/Wall SAX

Product Brochure

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Window/Wall SAX

win./wall

Wall Mounted Centrifugal Fan

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OVERVIEW

The Window / Wall Fan SAX is a stylish, high performance range of axial flow fans which provide powerful extract of air through windows, walls, ceilings and panels for a variety of domestic and commercial applications.

QUICK FACTS

- ✓ 2 standard sizes: 230mm and 305mm.
- ✓ Air volume flow rates up to 0.53 m³/s.
- ✓ Static pressures up to 80 Pa.
- ✓ Suitable for operating temperatures up to +40°C.
- ✓ Automatic and reversible models.

CASING

Unit casings shall be manufactured from shockproof, heat resistant white plastic.

The fans shall be suitable for installation into window, wall or ceiling mounted applications.

All 'built in' units shall have a telescopic wall liner for installations between 240mm and 315mm and 5m 4 core cable to assist installation.

The unit shall comply with Documents F1 of the Building Regulations and is BEAB approved.

All units have IPX4 protection and are splash proof as required under current electrical regulations.

IMPELLER

Axial impellers shall be provided with fixed blade angles to meet the required duty. The impeller construction shall comprise of white plastic.

MOTORS

Motors have sealed for life, self lubricating bearings which do not require ventilation. They are sealed in a housing, ensuring quiet operation of the fan.

Motors shall be Class B insulated to EN 60034-5. Motors are connected in accordance with EN60335-1, double insulated with in-built thermal overload protection.
The fan shall be suitable for operating temperatures up to +40°C.

QUALITY MANAGEMENT

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

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

TYPICAL APPLICATIONS

- Pubs
- Restaurants
- Offices
- Kitchens
- Factories
- School and Shops

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.

Window/Wall SAX

Performance & Electrical Data

AC

SINGLE Phase - 220 to 240V / 50Hz

Product Code	Speed r/min	Airflow SFP	Pressure Pa	Motor Electrical Data	
				FLC Amps	Input kW
SAX23/9A	1350	0.23	75	0.20	45
SAX23/9AR	1350	0.23	75	0.20	45
SAX23/9ARB	1350	0.23	75	0.20	45
SAX30/12A	1200	0.53	80	0.39	90
SAX30/12AR	1200	0.53	80	0.39	90
SAX30/12ARB	1200	0.53	80	0.39	90

Outside the scope of ISO12759 and ErP legislation.
FLC Amps @ 230V / 1Ph / 50Hz.

Sound Data

SINGLE Phase - 220-240V / 50Hz

Product Code	dBA @ 3m
SAX23/9A	49
SAX23/9AR	49
SAX23/9ARB	49
SAX30/12A	51
SAX30/12AR	51
SAX30/12ARB	51

Please contact Elta Fans for sound data.
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.

Accessories & Wiring Data

SINGLE Phase - 220-240V / 50Hz

Product Code	Wiring Diagram No.
SAX23/9A	152-512
SAX23/9AR	152-512
SAX23/9ARB	152-512
SAX30/12A	152-512
SAX30/12AR	152-512
SAX30/12ARB	152-512

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

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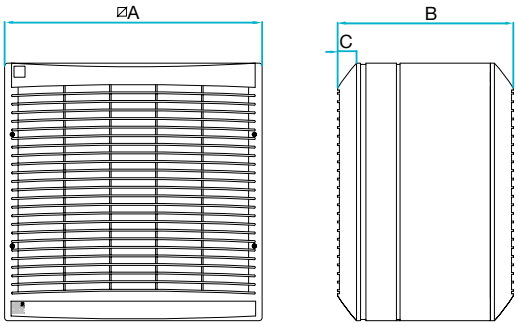
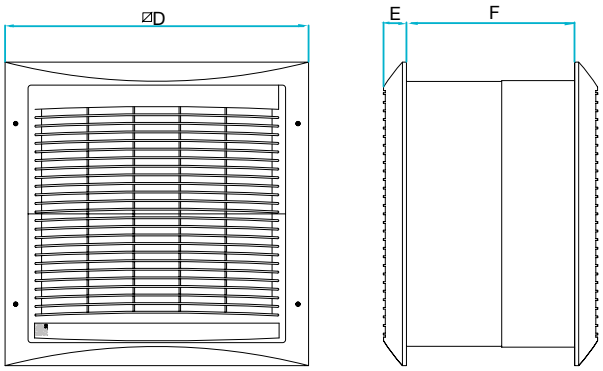
Dimensional Data

WINDOW MOUNT



WALL MOUNT



Product Code	Fan Size	A	B	C	D	E	F	Weight kg
SAX23/9A	9	340	200	40	-	-	-	5
SAX23/9AR	9	340	200	40	-	-	-	6
SAX23/9ARB	9	-	-	-	415	40	240-315	11
SAX30/12A	12	420	230	40	-	-	-	8
SAX30/12AR	12	420	230	40	-	-	-	9
SAX30/12ARB	12	-	-	-	495	40	240-315	15

All dimensions are shown in mm.

Units that are suffixed with an A include a silent operated shutter. These are either intake only, extract only or both (in conjunction with a double pole switch).

Units that are suffixed with an AR and ARB include silent operated shutters. These units are five speed extract and supply, operated through a control provided with the unit. Units suffixed with ARB include a telescopic steel wall liner.

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