



SAX COMMERCIAL AXIAL RANGE

The ELTA SAX "Commercial" axial range is specially designed for applications where new build, refurbishment or replacement fans are required, such as offices, pubs, restaurants, shops and leisure centres .

The SAX range are designed for installation into windows, panels, ceilings, as well as solid or cavity walls.

Each SAX unit is designed and supplied with all the necessary fixings, ensuring 'easy fix mounting' by one engineer alone for the complete installation of the fan.

There are two standard sizes, SAX23 (9"fan) and SAX30 (12"fan) with up to six variants depending on model size and specific requirements.

The High performance rates of SAX fans make them cost effective for installations where previously two or more fans would be necessary.

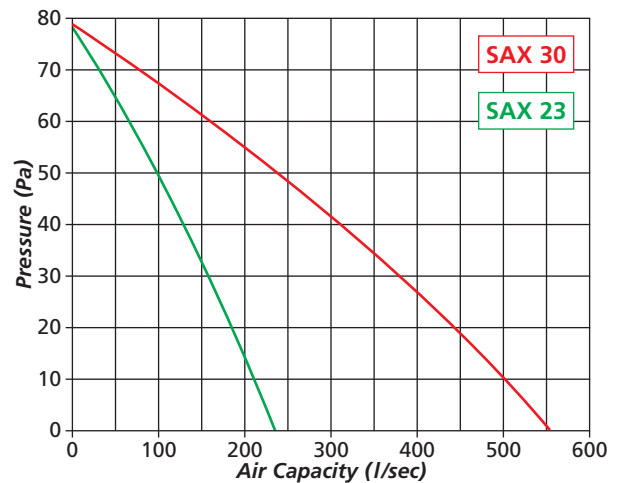


3 speed reversible controller

Technical Specification

- 2 year guarantee.
- Duty range 229 l/sec (824m³/h) up to 528 l/sec (1900m³/h)
- Energy efficient with low power absorption.
- Units manufactured from shock proof, heat resistant white plastic, with internal and external finger proof grilles.
- 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 are double insulated with in built **Thermal Overload** protection.
- Maximum ambient operating temperature is 40°C.
- Fans comply with EC low voltage directive and EC directives and are **CE** marked.
- All "built-in" units are supplied with telescopic wall liner, internal wall grille, external shutter and 3 speed reversible controller.
- All units have IPX4 protection and are splash proof as required under current electrical regulations.
- SAX units incorporate silent, delayed action, slow moving shutters, and depending on model, a speed controller, which may be fully reversible.

Performance Data



Technical Information

Model	SAX23	SAX30
Diameter.	230mm	300mm
Volts.	230	230
Watts.	45	90
R.P.M.	1350	1200
l/sec.	229	528
Max Pa.	75	80
dBA @ 3m	49	51

Commercial Range

SAX23/9A – (9") Electric operated silent shutter, 3 speed window/wall unit.

SAX23/9AR – (9") Electric operated silent shutter, 3 speed reversible window/wall unit complete with controller and 5 metres of 4-core cable for connecting the fan to the controller.

SAX23/9ARB – (9") Electric operated silent shutter 3 speed reversible wall unit complete with controller, for "built-in" applications. Fan supplied with telescopic steel wall liner and 5 metres of 4-core cable for connecting the fan to the controller.

Duty 229 l/sec (824m³/h). Max pressure 75 Pa.

SAX30/12A – (12") Electric operated silent shutter 3 speed window/wall unit.

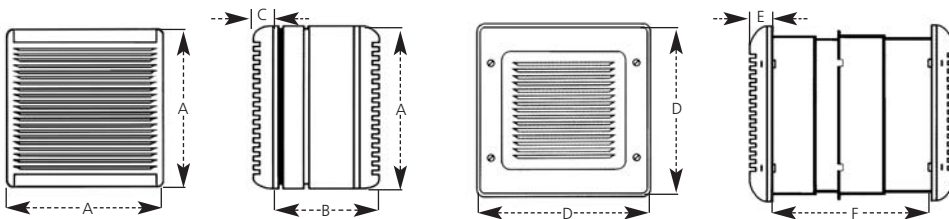
SAX30/12AR – (12") Electric operated silent shutter 3 speed reversible window/wall unit complete with controller and 5 metres of 4-core cable for connecting the fan to the controller.

SAX30/12ARB – (12") Electric operated silent shutter 3 speed reversible wall unit complete with controller, for "built-in" applications. Fan supplied with telescopic steel wall liner and 5 metres of 4-core cable for connecting the fan to the controller.

Duty 528 l/sec (1900m³/h). Max pressure 80 Pa.

Dimensions

Model	A	B	C	D	E	F
SAX23/9A	340	200	40	-	-	-
SAX23/9AR	340	200	40	-	-	-
SAX30/12A	420	230	40	-	-	-
SAX30/12AR	420	230	40	-	-	-
SAX23/9ARB	-	-	-	415	40	240-315
SAX30/12ARB	-	-	-	495	40	240-315



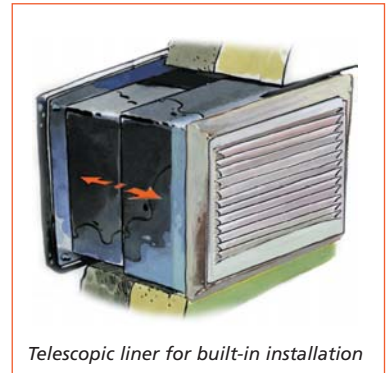
SAX23/9ARB



Installation



Wall or window mounted



Telescopic liner for built-in installation

Hole size to be cut by the installer when fitting an SAX unit is set out in the table below.

Model	Hole size (mm)
SAX23/9A	258 - 260
SAX23/9AR	258 - 260
SAX30/12A	338 - 340
SAX30/12AR	338 - 340
SAX23/9ARB	370 square
SAX30/12ARB	370 square

Fixing for ceiling or wall mounting

1. Ceiling Kit :-

(a) **SXCK23 – 9"**

Ceiling kit for SAX23 fans.

(b) **SXCK30 – 12"**

Ceiling kit for SAX30 fans.



Note – Ceiling kit consists of 3 metres of flexible duct, 2 x spigot plates + worm drive clips.

2. Wall Kit :-

(a) **SXWVK9 – 9"**

Wall Vent kit for SAX23 fans.

(b) **SXWVK12 – 12"**

Wall Vent kit for SAX30 fans.

