

# SAY



## Window & Wall Fans

# Window/Wall Fan SAX

## Features & Benefits



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

- Axial impeller design for larger volumes.
- Two standard sizes, 9" and 12"
- Automatic and reversible models.
- Air volume flow rates of up to 0.528 m<sup>3</sup>/sec or 1900 m<sup>3</sup>/h.
- Static pressures of up to 80 Pa.
- IPX4 – Splash proof.
- Shock proof, heat resistant plastic.
- Suitable for operating temperatures of up to 40° C.
- Motors are double insulated with built in thermal overload protection.
- Sealed for life ball bearings to operate at any angle.
- Energy efficient with low power absorption.

### Features & Benefits

**Versatility** – The SAX is designed for installation into windows, panels, ceilings, as well as most solid or cavity walls.

**Material strength** – Units are manufactured from shock proof, heat resistant white plastic with a temperature stability of 107° C, robust, durable and non corrosive, with internal and external finger proof grilles.

**Safety** – SAX fans are IPX4 Splash proof, protected against water splashed from all directions which means they can be safely installed in Zones I and II in accordance with IEE Wiring Regulations.

**Cost effective** – The high performance rates of the SAX unit mean they are cost effective as installations no longer require two or more fans.

**Range** – There are two standard sizes, 9" and 12" as well as automatic reversible models which allow shutters to be left open where natural ventilation is required without any security risk.

**Motor protection** – Each SAX motor is double insulated so no earth is required, and fitted with integral thermal overload protection which prevents the motor from overheating.

**Easy installation** – Designed and supplied with all the necessary fixings, which means 'easy fix mounting' by one installer alone for the complete installation of the fan.

**Mounting** – Each unit is suitable for window, wall, panel or ceiling mounting installations.

**Reliability** – Motors have sealed for life bearings.

**Inclusive** - All 'built-in' units are supplied with telescopic wall liner, internal wall grille, external shutter and five speed reversible controller which minimizes costs.

**Flexibility** - Available in 2 sizes with a 5 speed reversible controller to give the installer a range of adjustment if duties are under or over achieving.

**Options** – SAX automatic models incorporate silent, delayed action, slow moving electric shutters for silent opening and closing, and depending on model, a 5 speed controller, which may be fully reversible.

**Warranty** – Each SAX unit has a two year warranty.

### Applications

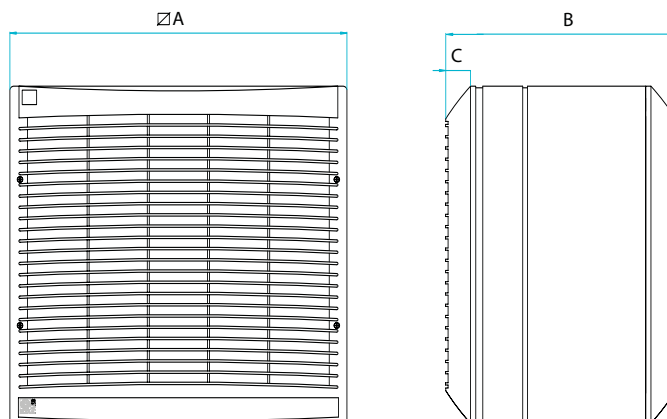
Pubs, restaurants, offices, kitchens, factories, schools and shops.

# Window/Wall Fan SAX

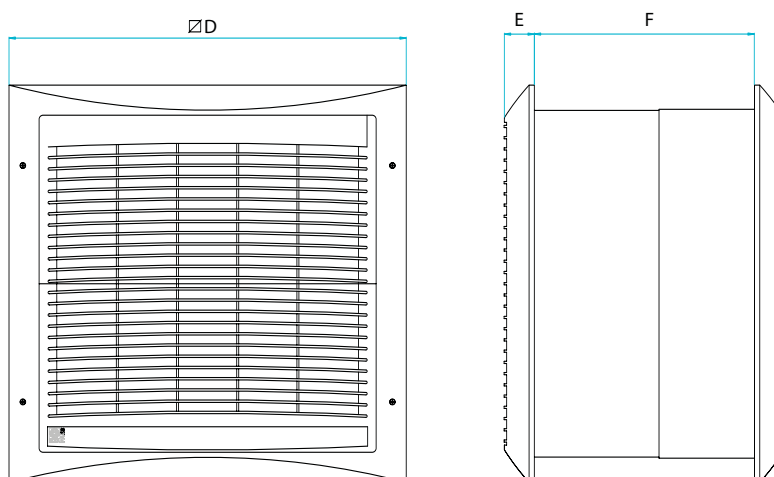
## Dimensional & Performance Data



### Window Mount



### Wall Mount



Product Code	Fan Size	A	B	C	D	E	F	Max Airflow m <sup>3</sup> /sec	Max Pa	Max r/min	FLC Amps	Power Watts	dBA @ 3m	Weight kg
SAX23/9A†	9	340	200	40	-	-	-	0.229	75	1350	0.20	45	49	5
SAX23/9AR*	9	340	200	40	-	-	-	0.229	75	1350	0.20	45	49	6
SAX23/9ARB*	9	-	-	-	415	40	240-315	0.229	75	1350	0.20	45	49	11
SAX30/12A†	12	420	230	40	-	-	-	0.528	80	1200	0.39	90	51	8
SAX30/12AR*	12	420	230	40	-	-	-	0.528	80	1200	0.39	90	51	9
SAX30/12ARB*	12	-	-	-	495	40	240-315	0.528	80	1200	0.39	90	51	15

† 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.

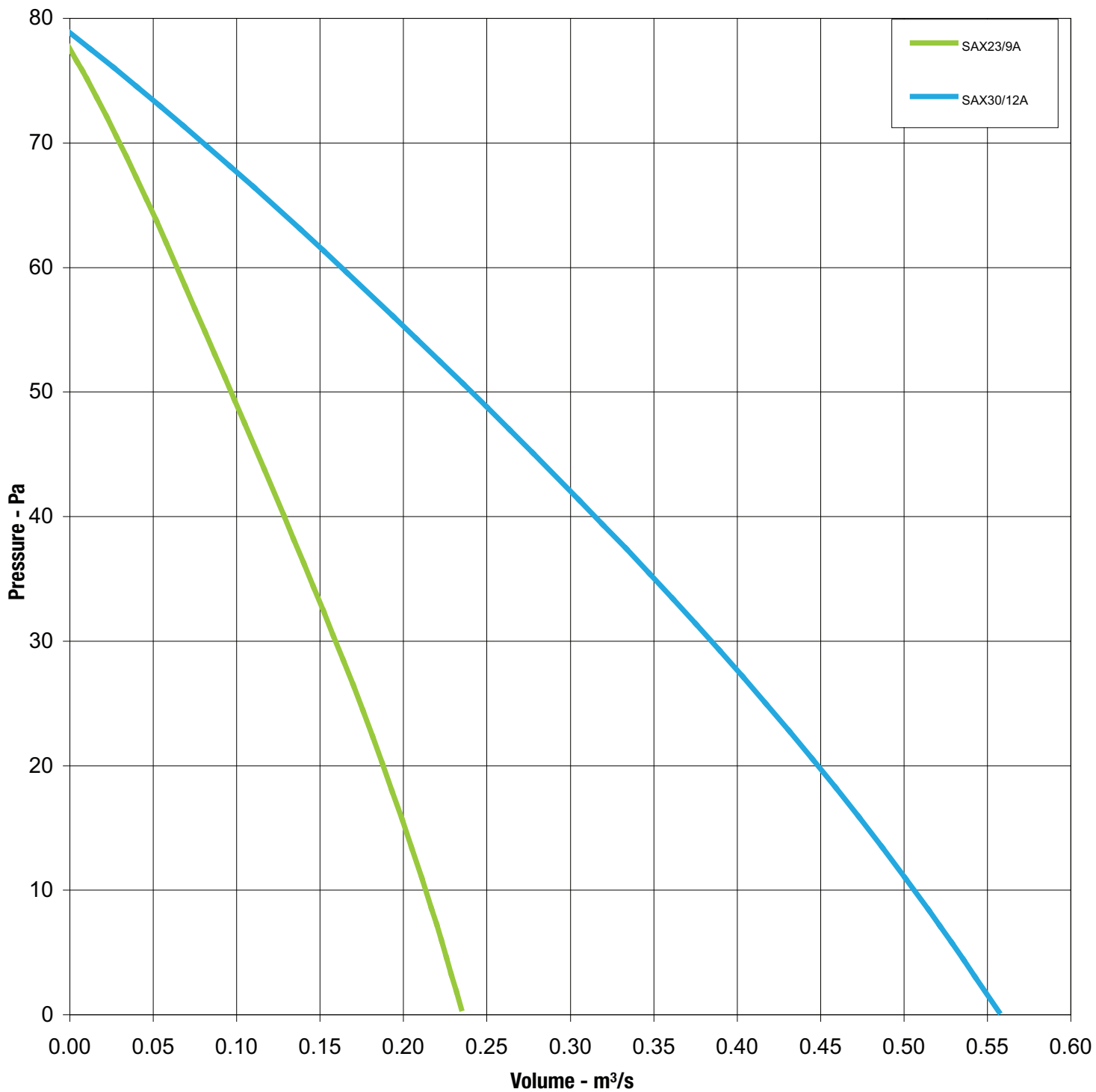
Sound levels are average spherical free field values for comparative purposes only.

# Window / Wall Fan SAX



## Performance Curves

SAX-A

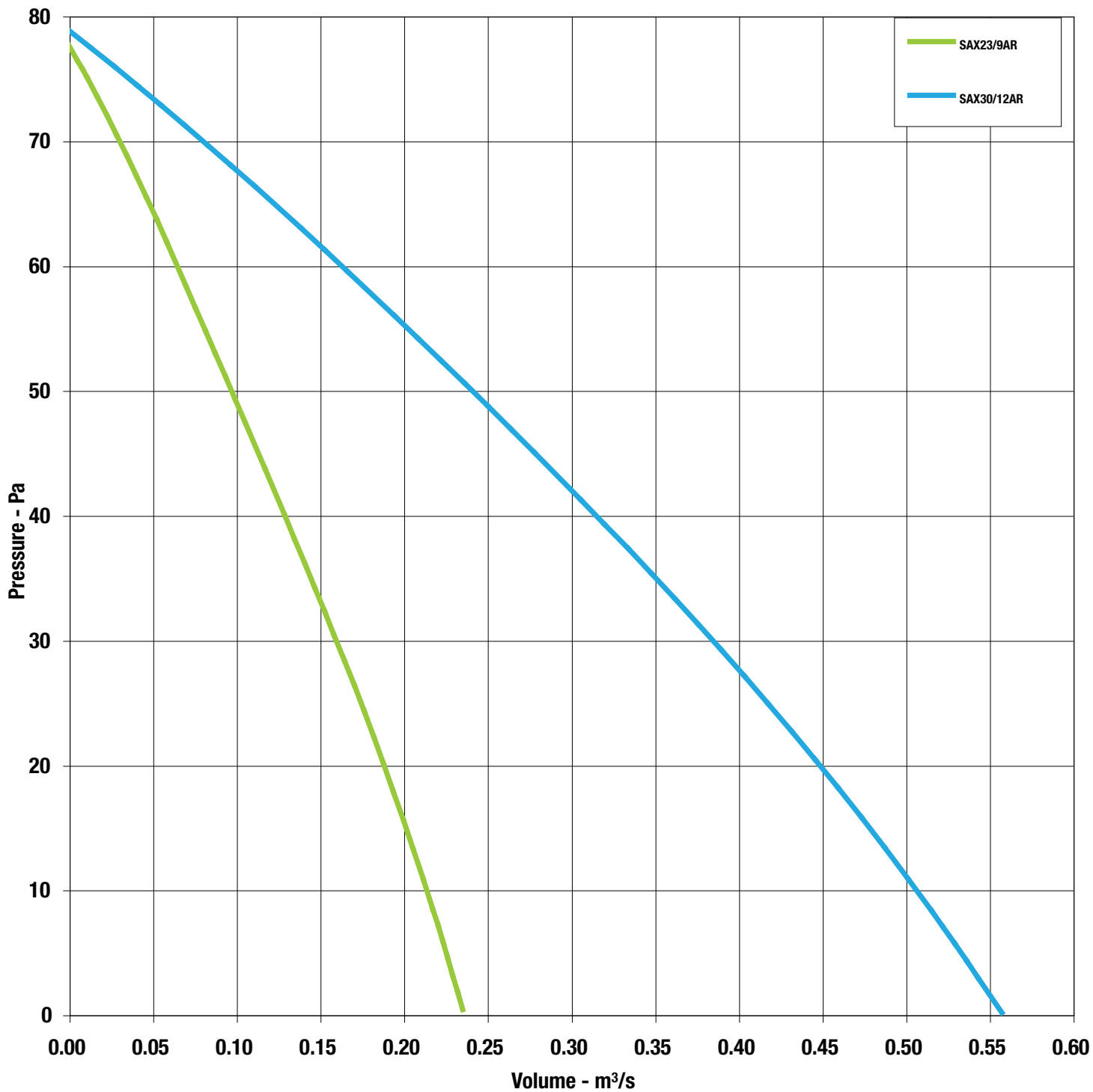


# Window / Wall Fan SAX

## Performance Curves



### SAX-AR

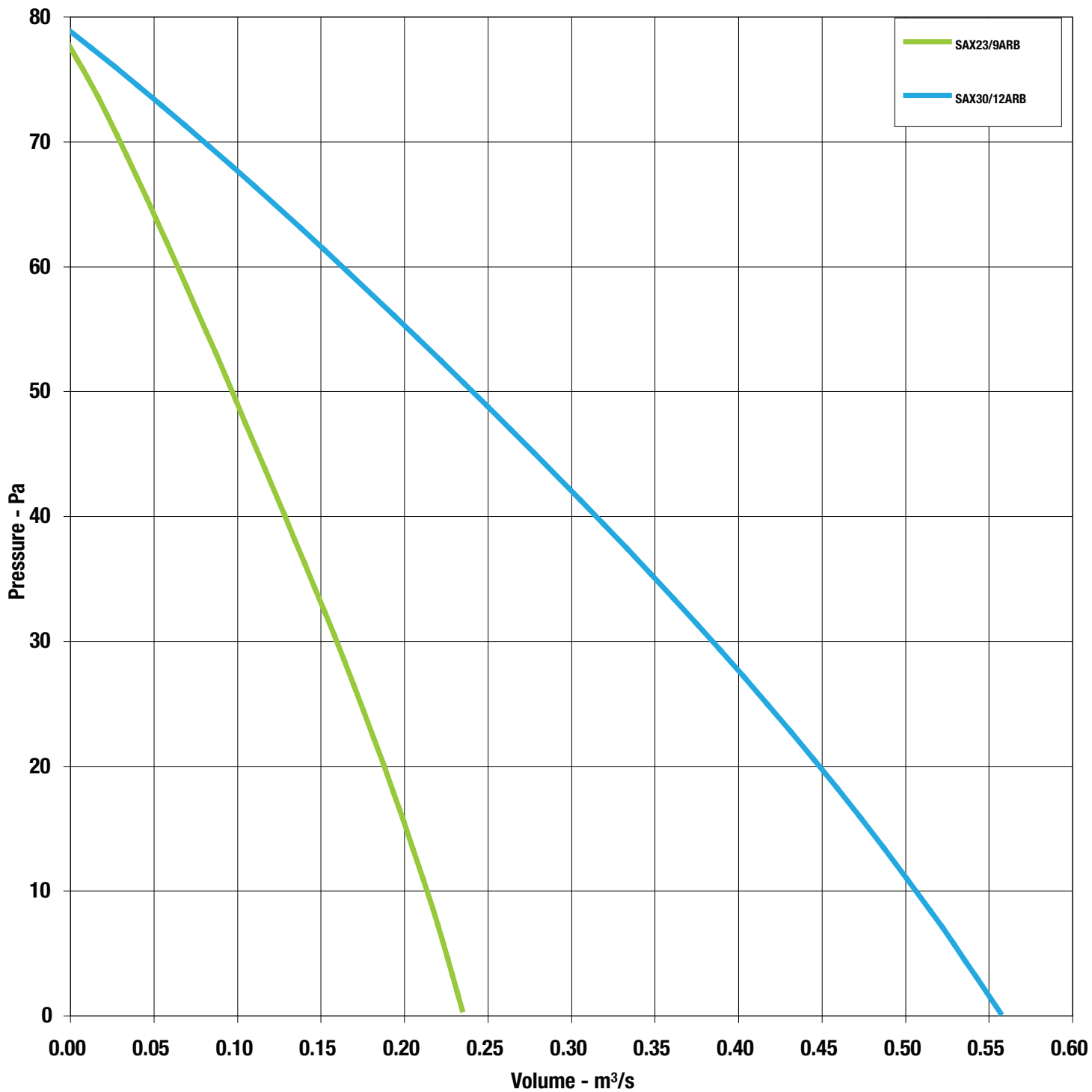


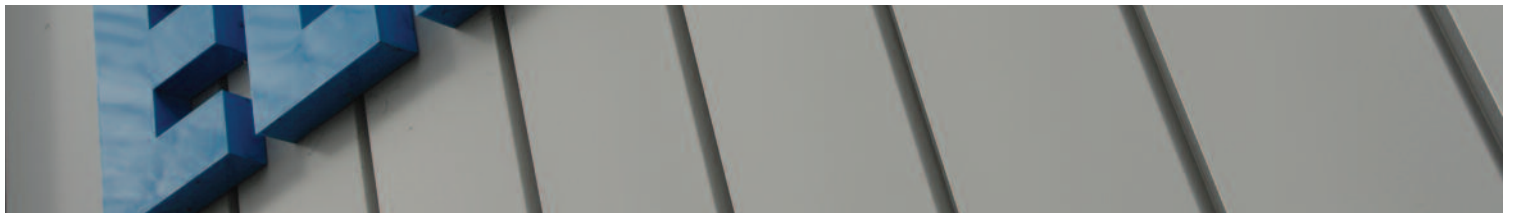
# Window / Wall Fan SAX



## Performance Curves

### SAX-ARB





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