

Xpelair PX6, PX9 & PX12

Commercial ceiling fans



Key features

Type:	Commercial duty ceiling and panel mount axial ventilation unit
Application:	Kitchens, restaurants, pubs, offices, schools, shops and kiosks
Control options:	Extensive range of optional controllers available
Legislation	Conforms to Building Regulations Part F1
Hole diameter:	w246 x h268 (PX6) w345 x h375 (PX9) w434 x h434 (PX12)
Duct Size:	200/250/315



Select the right product for your application

	PX6	PX9	PX12
Reference number	91300AW	91299AW	91298AW
Remote switch (not supplied)	■	■	■
Extract only	■		
Selectable intake, extract or controller operation		■	■
Speeds	1	2*	2*
Extract performance (FID, m ³ /h)	246	790	1712
		685	1290
Extract performance (FID, l/s)	68	219	476
		190	358
Intake performance (FID, m ³ /h)		458	1037
		433	845
Intake performance (FID, l/s)		127	288
		120	235
Sound pressure level (dB(A)@3m)	39	50	54
		47	48
Ducting size (mm)	200	250	315
Electrical power rating (W)	34	41	85
Hole diameter (w x h mm)	245 x 268	345 x 375	434 x 434
Spigot size (mm)	200	250	315
Weight (kg)	2.8	4.7	7.9
Guarantee (years, UK)	2	2	2

*low speed only applies if fan used with FR22/30 controller. If controller not used fan is only single (high) speed

The Range

Introducing a new addition to the Xpelair commercial range. The **PX** range introduces even greater flexibility into the design of commercial and larger domestic ventilation systems. Based on the proven WX range, **PX** fans are perfect for ceiling and panel applications in kitchens, restaurants, pubs, offices, schools, shops and kiosks.

They can be installed at any angle in ceilings, voids and wall panels of any thickness. The ceiling hugging, low profile white fascia is styled to blend into any ceiling type, whether smooth, tiled or textured. For safety, a finger guard is integrated into the ultra slim high gloss ABS fascia. An integral spigot allows the attachment of flexible ducting, such as XFlex. Installation in ceilings and wall panels is rapid thanks to the concealed fixing points provided. Both the **PX9** & **PX12** are reversible making them ideal

for ducted input systems in the hospitality industry. On **PX9** & **PX12** units a positive plug and socket assembly provides a means of isolation for service access without the safety risk of accidental disconnection.

PX9 & **PX12** models feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions. Pre-balanced sickle bladed impellers eliminate 'fan judder' and ensure quiet trouble free operation. Sealed for life maintenance free bearings ensure suitability for running at any angle. Running costs are impressively low, and when not in use the silent electro-thermal shutter cassette closes silently against backdraughts. And cleaning has never been easier. The housing, shutter cassette and impeller are all removed in seconds.

Models

PX6

Ref. 91300AW

- High performance extract only axial flow ventilation unit
- Operated by remote On/Off switch (not supplied)
- Suitable for installation at any angle in ceilings, voids and wall panels of any thickness
- Totally enclosed motor
- Sealed for life maintenance free bearings, suitable for running at any angle
- Built in silent action electrothermal shutter cassette
- Ultra slim high gloss ABS fascia with integral safety finger guard

PX9 with sickle blade

Ref. 91299AW

- High performance intake / extract axial flow ventilation unit
- Choice of optional controllers
- Suitable for installation at any angle in ceilings, voids and wall panels of any thickness

- Balanced external rotor motor and sickle impeller for quiet efficiency
- Sealed for life maintenance free bearings, suitable for running at any angle
- Built in silent action electrothermal shutter cassette
- Ultra slim high gloss ABS fascia with integral safety finger guard

PX12 with sickle blade

Ref. 91298AW

- High performance intake / extract axial flow ventilation unit
- Choice of optional controllers.
- Suitable for installation at any angle in ceilings, voids and wall panels of any thickness
- Balanced external rotor motor and sickle impeller for quiet efficiency
- Sealed for life maintenance free bearings, suitable for running at any angle
- Built in silent action electrothermal shutter cassette
- Ultra slim high gloss ABS fascia with integral safety finger guard

Controllers

Single Fan Controller FR22/30

Ref. 21868AW

- For use with PX9 and PX12
- On/Off control with neon indicator. Used to select between high and low speed, intake and extract

Group Fan Controller EC6H

Ref. 21854AW

- For use with PX9 and PX12
- On/Off control with neon indicator. Infinitely variable speed selection controls extract and intake air flow. For use with up to four fans (not mixed sizes)

Group Fan Controller XCC1

Ref. 21859AW

- For use with PX9 and PX12
- On/Off control with neon indicator



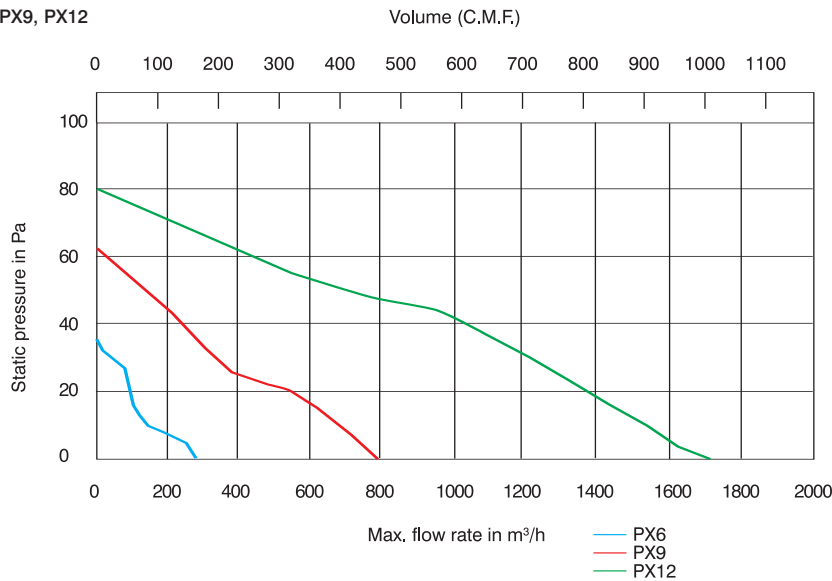
Typical Specifications on page 170.

Wiring Diagrams on page 186.

Controller Details on page 102.

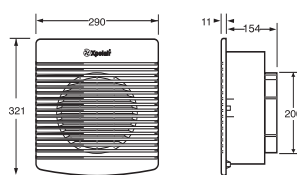
Performance

PX6, PX9, PX12

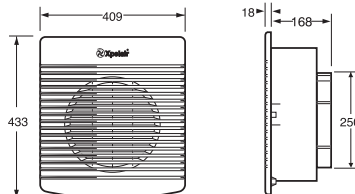


Dimensions (mm)

PX6



PX9



PX12

