

XIDP Range - Plastic Centrifugal In-line Fans

Key Features

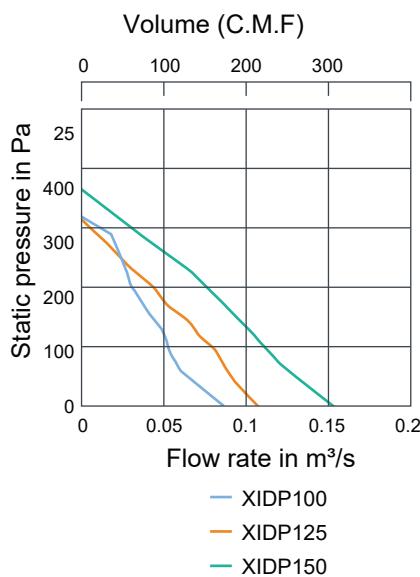
Type: Plastic in-line.

Application: Commercial/
industrial.

Control options: Speed control and
humidity/ PIR
sensing.



Performance



XPELAIR XIDP Range

Centrifugal in-line fans provide the ideal ventilation solution for many exposed and high humidity applications.

The Xpelair XIDP range is suitable for application where the unit will be seen – in wet areas such as kitchens, shower areas and a wide range of commercial situations. The XIDP range is based on the proven XID external rotor motor and backward curved impeller units to provide a range of high performance plastic in-line fans.

The moulded casing is designed to provide the best possible bell mouth entry, guide vanes and outlet.

The wall thickness provides sound insulation and will not corrode.

The case is both impact and fire resistant and a mounting foot is provided for fast and easy installation.

All models are IP55 rated and suitable for 220V-240V 50Hz mains operation and suitable for operation in ambient temperatures up to 40°C and are fitted with a thermal overload protection.

Kit consists of:

- 100mm/ 125mm/ 150mm in-line fan.
- 3mt Flexible uninsulated ducting.
- Ceiling grille.
- Outer louvred wall grille.

Specifications

	XIDP100KIT	XIDP125KIT	XIDP150KIT
UK reference number:	92305AW	92306AW	92307AW
Spigot diameter (mm):	100	125	150
Extract performance (m ³ /s)	0Pa:	0.07	0.1
	100Pa:	0.05	0.08
	200Pa:	0.03	0.05
	300Pa:	0.01	0.01
	400Pa:	-	-
	500Pa:	-	-
	600Pa:	-	-
	700Pa:	-	-
Sound pressure level (dB (A)@3m) high:	24	25	25
Electrical power rating (W):	85	85	99
Weight (kg):	2	2.1	2.5

XIDP Range - Plastic Centrifugal In-line Fans

Models

XIDP100KIT
Ref. 92305AW

XIDP125KIT
Ref. 92306AW

XIDP150KIT
Ref. 92307AW

- Compact and robust polymer construction.
- Pressure developing, centrifugal in-line fans suitable for extract or intake applications.
- Can be mounted at an angle using the universal mounting bracket supplied.
- Insulation Class F. Fitted with

- safety thermal overload protection – protected to IP55.
- Impeller is backward curved.
- Supply voltage: 220-240V 50Hz.

Controllers

Remote Humidistat XRH
Ref. 21856AW

- Stand alone humidistat switches fan On/Off when RH reaches preset levels. Complete with pull cord override switch.

Time Delay Unit DT20
Ref. 21850AW

- User adjustable run-on timer (2-20 min).

Passive Infrared Sensor XPIRA Ref. 21871AA

- Activates fan via body movement, ideal for infrequently used public spaces.
- Built-in time to prevent nuisance tripping.

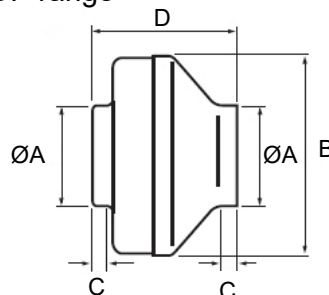
Inline Fan Controller XIC1
Ref. 21858AW

- Slide switch provides On/Off control.
- Adjustable speed control for infinitely variable speeds.
- Complete with power “On” indicator.

Dimensions (mm)

An extensive range of accessories are available to complete the installation of the Xpelair XIDP range of in-line fans. The installation diagram shows a typical XIDP ducted installation and associated accessories.

XIDP range



A	Flexible ducting
B	Spigot plate
C	Wall duct
D	External air operated louvre shutter
E	Grille box
F	Ceiling grille
G	Warm drive clip

Model:	ØA	B	C	D
XIDP100:	99	288	30	247
XIDP125:	124	288	30	247
XIDP150:	149	379	30	230

Installation

