

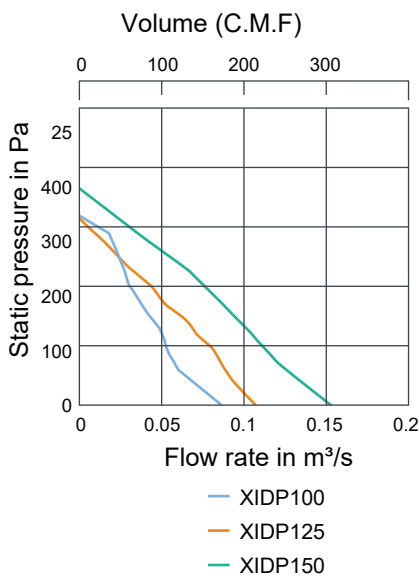
XIDP Range - Plastic Centrifugal In-line Fans

Key Features

- Type:** Plastic in-line.
Application: Commercial/ industrial.
Control options: Speed control & 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. Available in 100mm - 315mm dia.

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 casing 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.

Specifications

	XIDP100	XIDP125	XIDP150	XIDP200	XIDP250	XIDP315	
UK reference number:	91383AA	91384AA	91385AA	91386AA	91387AA	91388AA	
Spigot diameter (mm):	100	125	150	200	250	315	
Extract performance (m ³ /s)	0Pa:	0.07	0.1	0.15	0.22	0.38	
	100Pa:	0.05	0.08	0.11	0.18	0.33	
	200Pa:	0.03	0.05	0.08	0.14	0.27	
	300Pa:	0.01	0.01	0.03	0.11	0.15	0.21
	400Pa:	-	-	-	0.08	0.11	0.14
	500Pa:	-	-	-	0.03	0.06	0.09
					0.01	0.05	
Sound pressure level (dB (A)@3m)	high:	24	25	25	28	31	41
Electrical power rating (W):		85	85	99	157	194	244
Weight (kg):		2	2.1	2.5	3.8	4.3	5.5

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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.

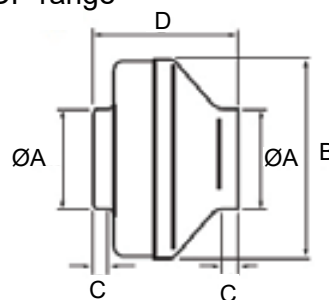
Inline Fan Controller XIC1 Ref. 21858AW

- 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 (FD)
B	Spigot plate (SP)
C	Wall duct
D	External air operated louvre shutter (XLG)
E	Grille box
F	Ceiling grille

Model:	ØA	B	C	D
XIDP100:	99	288	30	247
XIDP125:	124	288	30	247
XIDP150:	149	379	30	230
XIDP200:	199	379	30	230
XIDP250:	249	319	30	230
XIDP315:	315	452	30	275

Installation

