

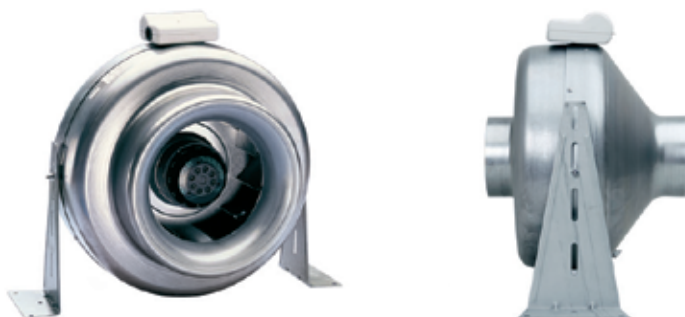
XID Range - In-line Duct Fan

Key Features

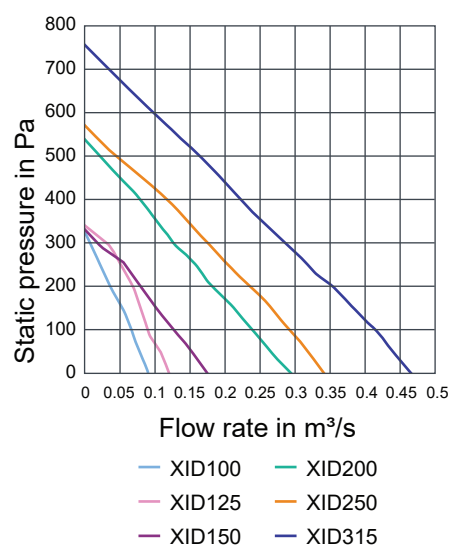
Type: Metal in-line.

Application: Commercial/
industrial.

Control options: Speed control and
humidity/ PIR
sensing.



Performance



XPELAIR XID Range

In-line duct systems have grown in popularity as a method of concealed ducted ventilation over the past two decades. The Xpelair XID in-line range is engineered for trouble free operation and delivered complete with adjustable mounting bracket.

The practical reliable fans are ideal for ducted applications in shops, schools, factories, pubs, toilets, kitchens, etc. The range is manufactured in zinc coated corrosion resistance sheet metal with 30mm long spigot connections for ease of connection to duct work.

The range benefits from external rotor motors and impeller assemblies, whilst the connection box is easily accessible on top of the unit. The fan unit is speed controllable to offer flexibility and individual control.

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 cut out.

Specifications

	XID100	XID125	XID150	XID200	XID250	XID315	
UK reference number:	90101AA	90102AA	90103AA	90104AA	90208AA	90106AA	
Spigot diameter (mm):	97	123	147	197	247	312	
Extract performance (m³/s)	0Pa:	0.08	0.11	0.17	0.29	0.46	
	100Pa:	0.06	0.09	0.12	0.23	0.41	
	200Pa:	0.04	0.06	0.7	0.17	0.24	0.35
	300Pa:	0.01	0.03	0.2	0.12	0.17	0.28
	400Pa:	-	-	-	0.08	0.11	0.22
	500Pa:	-	-	-	0.02	0.04	0.16
	600Pa:	-	-	-	-	-	0.09
						0.03	
700Pa:	-	-	-	-	-	0.03	
Sound pressure level (dB (A)@3m)	high:	55	53	58	61	60	65
Electrical power rating (W):		84	85	99	157	194	244
Weight (kg):		2.5	2.5	3.7	5	5.6	6.5

XID Range - In-line Duct Fan

Models

XID100
Ref. 90101AA

XID125
Ref. 90102AA

XID150
Ref. 90103AA

XID200
Ref. 90104AA

XID250
Ref. 90208AA

XID315
Ref. 90106AA



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

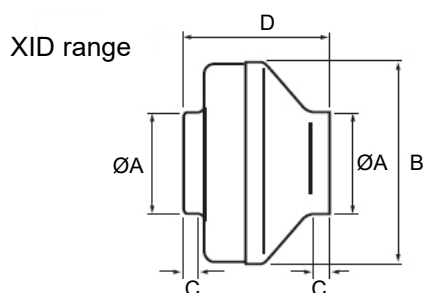
- User adjustable run-on timer (2-20 min).

Passive Infrared Sensor XPIRA
Ref. 21871AA

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

- Compact and robust zintec steel construction.
- Pressure developing, centrifugal in-line fans suitable for extract or intake applications.
- Extra length 30mm spigots.
- 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.

Dimensions (mm)



Model:	ØA	B	C	D
XID100:	95	320	30	240
XID125:	123	320	30	240
XID150:	147	360	30	250
XID200:	197	404	35	250
XID225:	247	404	35	260
XID350:	312	444	40	260

Installation

