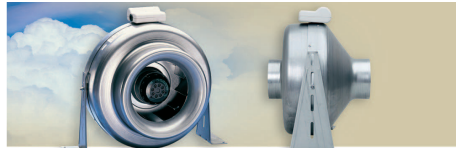


# Xpelair XID Metal Inline Fans Specification Sheet

## Xpelair XID Centrifugal metal inline fans



### Key features

Type: **Metal inline**  
Application: **Commercial/Industrial**  
Control options: **Speed control and humidity/PIR sensing**



### The Range

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

The practical, reliable fans are ideal for ducted applications in shops, schools, factories, offices, public houses, restaurants and libraries. They are available in a variety of duct size diameters to suit any application.

The range is manufactured in zinc coated corrosion resistant sheet metal with 30mm long spigot connections for ease of connection to ductwork.

The range benefits from external rotor motor 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.

A full choice of ventilation accessories is available to complement this range to design a complete system.

### Select the right product for your application

	XID10	XID15	XID16	XID20	XID25	XID315
Spigot number	90121AA	90121AA	90121AA	90121AA	90121AA	90121AA
Spigot diameter (mm)	10	15	16	20	25	31.5
Rated performance (m³/s)	0.04	0.06	0.07	0.10	0.14	0.28
200Pa	0.04	0.06	0.07	0.10	0.14	0.28
300Pa	0.03	0.05	0.06	0.08	0.11	0.22
400Pa	0.02	0.04	0.05	0.07	0.09	0.18
500Pa	0.02	0.03	0.04	0.06	0.08	0.16
600Pa	0.02	0.03	0.04	0.06	0.08	0.16
Sound pressure level dB(A) @ 1m	55	61	66	71	76	85
Max electrical power (Watt @ 230V)	25	35	40	55	75	100
Weight (kg)	2.5	2.5	3.7	5	5	8.5
Available cage kits	3	3	3	3	3	3

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### Models

#### Xpelair XID models

XID10 Ref. 90121AA  
XID15 Ref. 90121AA  
XID16 Ref. 90121AA  
XID20 Ref. 90201AA  
XID25 Ref. 90121AA  
XID315 Ref. 90121AA

- Corrugated and ribbed anodized steel
- Rotational balancing, centrifugal inline fans suitable for extract or intake applications
- Cable length 30mm spigots
- Can be mounted at any angle using the universal mounting bracket supplied
- External rotor motor, totally enclosed and lubricated for life
- Insulation Class F/Ficed with safety thermal overload protection - connected to IP54
- Impeller in backward curved
- Supply voltage: 230-240V 50Hz

### Controllers

#### Inline Fan Controller XIC1

Ref. 2185AW  
• Slave switch provides fan On/Off control. Adjustable speed control for infinitely variable speeds. Complete with power On indicator light



#### Remote Humidstat XTH

Ref. 2185AW  
• Slave wire humidistat switches fan On/Off when RH reaches pre-set levels. Complete with optional remote switch indicator light

#### Remote Time Controller DT200

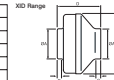
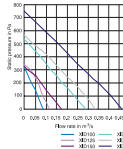
Ref. 2185AW  
• User adjustable run-on timer (3.20mins)

#### Passive Infrared Sensor XPIRA

Ref. 21871AA  
• Activates fan via body movement. Ideal for infrequently used public spaces
- Built-in time to prevent excessive tripping

Typical Specifications on page 160.  
Wiring Diagrams on page 171.

### Performance



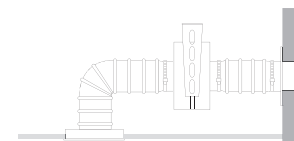
### Dimensions (mm)

Model	A	B	C	D
XID10	110	100	50	240
XID15	120	100	50	240
XID16	120	100	50	240
XID20	130	100	50	240
XID25	140	100	50	240
XID315	312	448	40	280

### Installation and Accessories

An extensive range of accessories are available to complete the installation of the Xpelair XID Range of inline centrifugal fans.

- Xfluo FD
- Xfluo three phase XDC
- Cable box CB
- EGT metal ceiling grille CG
- Ceiling grille GR
- Ceiling grille GR DC
- Ceiling grille GR DC
- Ceiling grille GR DC
- Inline duct motor DM
- Air operated boost motor XLD
- Spigot plate SP
- Wall duct WD



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