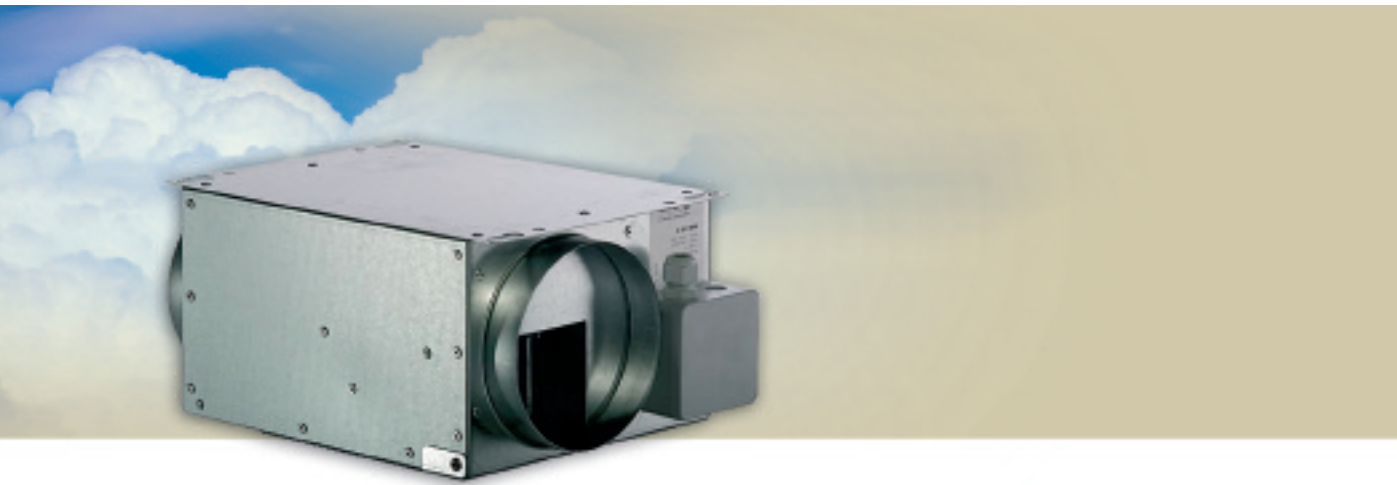


Xpelair MinimX C XCDF

Compact inline duct fans



Key features

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



Integral keyhole fixings for fast and easy installation



The Range

In many ducted systems ceiling space can be severely restricted preventing the use of circular inline fans. The NEW Xpelair **MinimX** range of inline fans reduces the product height to a minimum, providing system design flexibility and easier installation.

Available to suit the six most popular duct sizes, the Xpelair **MinimX** range features fully speed controllable two pole external rotor motors for use with matching speed controllers and auto sensor control options available.

For ease of service inspection and cleaning the motor/fan unit swings out on a hinged access door. The precision made housing has integrated mounting flanges with key hole 'first-fit' slots and an accessible terminal box for fast assembly and wiring.

A full range of Xpelair Ventilation accessories allow the design of a complete system.

Refer to pages 154-155.

Models

- Pressure developing low profile inline fans with hinged 'swing out' door for periodic inspection/service access
- Available in six performance diameters
- Precision made, compact G.S.M construction
- Integral mounting flanges with first-fit key hole slots
- Continuously rated two pole external rotor motor/fan assemblies. Insulation Class F with thermal overload protection
- Bearings lubricated for life
- IP44 protection
- Terminal box with knock outs and one cable entry gland rated IP44

Select the right product for your application

	XCDF100	XCDF125	XCDF150	XCDF200	XCDF250	XCDF315
Reference number	91502AA	91503AA	91504AA	91505AA	91506AA	91507AA
Extract performance (m ³ /s)	0.08	0.084	0.09	0.17	0.27	0.43
Sound power level (dB(A)@3m)	35	41	42	47	541	51
Breakout (dB(A)@3m)	29	29	29	32	37	39
Motor electrical power (W)	90	95	95	95	190	290
Electrical current SC (A)	0.5	0.5	0.5	0.5	0.9	1.3
5 step transformer speed controller	91367AA	91367AA	91367AA	91367AA	91367AA	91367AA
Electronic speed controller	89903AA	89903AA	89903AA	89903AA	89903AA	89904AA
Guarantee (years)	2	2	2	2	2	2

Controllers

Remote Humidistat XRH Ref. 21856AW

- Stand alone humidistat switches fan On/Off when RH reaches pre-set levels. Complete with pullcord override switch



Remote Time Controller DT20B Ref. 21850AW

- User adjustable run on timer (2-20mins)

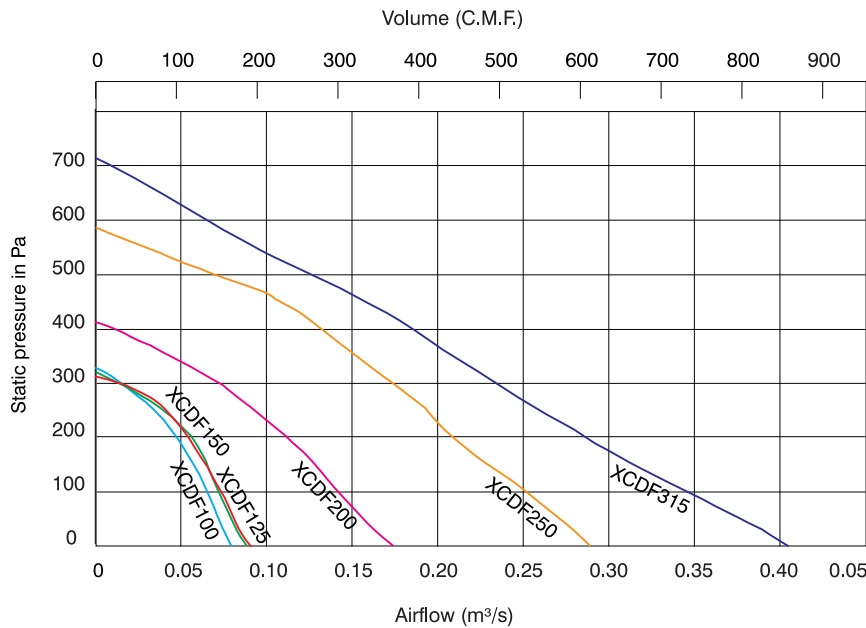


Passive Infrared Sensor XPIRA Ref. 21871AA

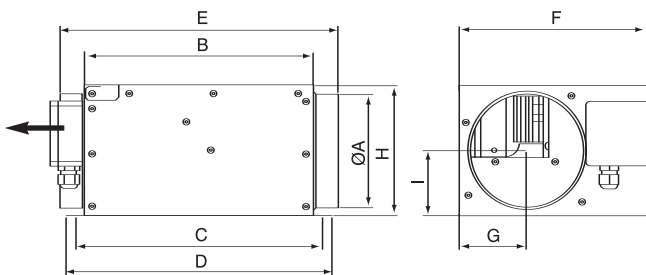
- Activates fan via body movement. Ideal for infrequently used public spaces. Built in timer to prevent nuisance tripping

Typical Specifications on page 178.
Details of Controls/Sensors on page 155.

Performance



Dimensions (mm)



Dimensions (mm)									
Model	ØA	B	C	D	E	F	G	H	I
XCDF100	100	300	324	348	350	248	72	170	110
XCDF125	125	300	324	348	350	248	79	170	98
XCDF150	150	300	324	348	364	248	89	170	85
XCDF200	200	400	424	448	479	350	115	230	115
XCDF250	250	400	424	448	478	350	141	280	140
XCDF315	315	400	424	448	478	400	174	345	173

Installation and Accessories

- A** Louvred wall shutter XLG
- B** Wall duct WD
- C** Spigot plate SP
- D** Xflex ducting
- E** Grille box GB
- F** Egg-crate grille CG

