

Xpelair XIM

Domestic inline mixed flow extract fans



Key features

Type:	Inline one or two speed mixed flow extract fans
Application:	Domestic bathrooms, utility rooms, shower rooms and kitchens
Control options:	Standard or timer
Legislation:	Conforms to Building Regulations Part F1



The Range

Traditionally centrifugal ducted systems have been bulky and noisy. Well not any more. The new low profile Xpelair **XIM** units provide plenty of useable power for domestic ducted applications and save on space too. The seven models in the range are ideal for ducted applications where space is limited, such as in bathrooms, shower rooms, kitchens and other internal rooms without opening windows.

Available in four sizes, the new Xpelair **XIM** range of plastic mixed flow units offers duties for a wide range of ducted applications. They are dimensionally smaller than centrifugal units and with lower sound levels these units can often eliminate the need for a silencer. The two T models have a timer overrun adjustable from 3 to 15 minutes. Larger units have two speeds.

All models come complete with a convenient mounting cradle which makes installation or subsequent inspection simple. The terminal box is easily accessible simplifying the electrical connection. **XIM** units are either IPX2 or IPX4. Those rated IPX4 can be used in wet room ducted applications. Their plastic construction will not deteriorate in high humidity conditions. They are double insulated and suitable for operation on a supply voltage 220 - 240V 50Hz. All motors are maintenance free with greased for life bearings, and have safety overload protection.

Select the right product for your application

	XIM100	XIM100T	XIM100+	XIM100+T	XIM125	XIM150	XIM150T	XIM200
Reference number	91252AW	91253AW	91254AW	91473AW	91255AW	91256AW	91257AW	91258AW
Speeds	1	1	2		2	2	2	2
Remote switch (supplied separately)	■		■			■		■
Integral timer (adjustable from 3-15 mins)		■					■	
Max. extract performance (FID m ³ /h)	77	77	251		265	476	476	845
Min. extract performance (FID m ³ /h)			190		198	358	358	599
Max. extract performance (FID l/s)	21	21	70		74	132	132	235
Min. extract performance (FID l/s)			53		55	99	99	166
Max. sound pressure level (dB(A)@3m)	14	14	22		25	39	39	39
Max. electrical power rating (W)	25	25	25		25	80	80	75
Duct size (mm)	100	100	100		125	150	150	200
IP rating	IPX2	IPX2	IPX4		IPX4	IPX4	IPX4	IPX4
Weight (kg)	1.2	1.2	2.1		2.1	3.2	3.2	4.5
Guarantee (years, UK)	2	2	2		2	2	2	2

Models

XIM100

Ref. 91252AW

- Single speed inline fan
- Mixed flow impeller/guide vanes
- Integral mounting cradle
- Rated as IPX2

XIM100T

Ref. 91253AW

- Single speed inline fan with adjustable overrun timer from 3-15mins
- Timer located in the terminal box
- Triggered by lighting circuit
- Mixed flow impeller/ guide vanes
- Integral mounting cradle
- Rated as IPX2

XIM100+

Ref. 91254AW

- High performance 2 speed inline fan
- Mixed flow impeller/guide vanes
- Integral mounting cradle
- Rated as IPX4

XIM125

Ref. 91255AW

- 2 speed inline fan
- Mixed flow impeller/guide vanes
- Integral mounting cradle
- Rated as IPX4

XIM150

Ref. 91256AW

- 2 speed inline fan
- Mixed flow impeller/guide vanes
- Plastic construction
- Integral mounting cradle
- Rated as IPX4

XIM150T

Ref. 91257AW

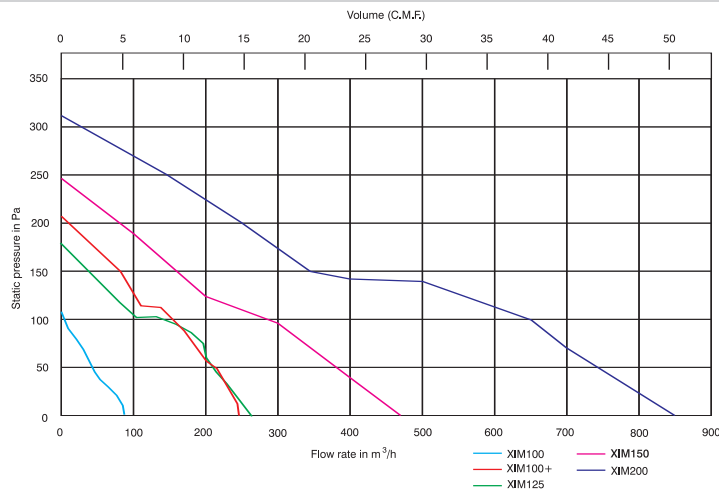
- Adjustable overrun timer from 3-15mins
- 2 speed inline fan
- Timer located in the terminal box
- Timer triggered by lighting circuit
- Mixed flow impeller/guide vanes
- Integral mounting cradle
- Rated as IPX4

XIM200

Ref. 91258AW

- 2 speed inline fan
- Mixed flow impeller/guide vanes
- Integral mounting cradle
- Rated as IPX4

Performance



Controllers

Change Over Switch COS

Ref. 90108AW

- Provides High-Low speed operation
- Surface or recess mounting
- 85 x 85mm



Typical Specifications on page 163.

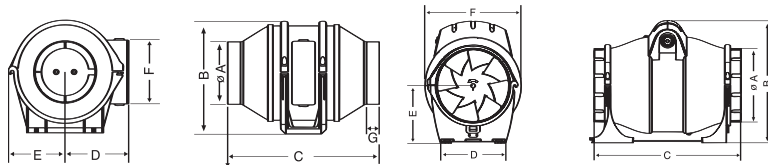
Wiring Diagrams on page 182.

Remote Sensor on page 56.

Dimensions (mm)

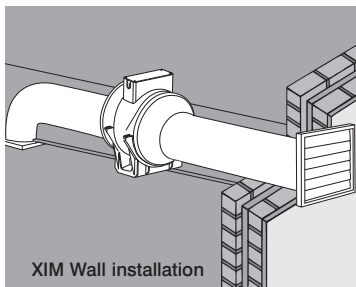
XIM100/100+/125

XIM150/200



Model	Dimensions (mm)						
	ØA	B	C	D	E	F	G
XIM100	98	177	238	99.5	89.2	100	20
XIM100+	98	217	262.4	100	100	168.3	21.3
XIM125	122	217	262.4	100	100	168.3	21.3
XIM150	147	244	293.4	130	115	192.3	21.3
XIM200	197	278.5	363.6	142	140	230.2	51.5

Installation and Accessories



Installation Accessories

Wall Mounting

- Flexible Ducting Xflex FD100 (3m) Ref. 89663AA
- Flexible Ducting Xflex FD125 (3m) Ref. 89664AA
- Flexible Ducting Xflex FD150 (3m) Ref. 89665AA
- Flexible Ducting Xflex FD200 (3m) Ref. 89666AA
- Wall grille CFWG100 Ref. 89742AW
- Wall grille CFWG150 Ref. 89857AW

Xflex FD also available in longer length (see page 57)
Wall grille CFWG also available in grey