

We Bring Air to Life
Domestic and Commercial Product Range



Fläkt Woods experience – at your service

Fläkt Woods is a global leader in air management. We specialise in the design and manufacture of precision technology to deliver complete, integrated solutions. In everything we do, energy efficiency and environmental responsibility are always our major priorities. And our collective experience is unrivalled.



Our knowledge and reputation has been built up through a century of engineering innovation and development. This reflects an impressive track record that equips all our customers with a special confidence. An assurance that, whatever the need or application, Fläkt Woods can deliver the product, the performance and the service that is required. Precisely.

Our expertise is not confined to original manufacture and supply. It is available to you from the selection process onwards, and continues well beyond installation, throughout each system's operating life.

When you first select and install one or more of our systems, our partnership with you is only just beginning. Because you'll always be able to call on Fläkt Woods experience. We're at your service.



Fläkt Woods systems summary

The comprehensive Fläkt Woods range serves a very wide spectrum of applications: across Domestic, Commercial, Industrial and Public sectors.

Fläkt Woods ventilation solutions and packages include:

- Axial Fans
- Box Fans
- Centrifugal Fans
- Fans for Fire safety
- Bifurcated Fans
- Plate Fans
- Roof Units

Fläkt Woods New X Range

Fläkt Woods now offers a complete range of Domestic and Commercial fans to allow a total package solution. Whether Bathrooms, Kitchen, Home Systems or Commercial ventilation the new Fläkt Woods X Range package offers it all.



Total air movement solutions – precisely

Air movement in occupied buildings has many roles to play. Not just to bring the ventilation and comfort that are vital to human existence. It also has the potential to protect.

In an ideal world, this would all be achievable via natural, non-mechanical processes. But reality is different. In most cases, and to varying extents, powered air movement is essential.

From functional operational routines, to one-off emergency situations, fans have a front-line role to play in many built environments, matching precise needs, Fläkt Woods certainly has the right solution.

From one expert source

Fläkt Woods has the widest range of ventilation products available in today's market: from the largest 3 metre JM Aerofoil Axial Flow fan; through to compact, lightweight DX100 extract fans to meet any installed requirement.

That means we can deliver all the air movement functions, capacity, performance and fire safety criteria that any system requires – whatever its size and purpose.

In short, our expertise has precisely the answer you need












The perfect solution

The ideal air movement equipment will satisfy the correct combination of several factors, insofar as each applies to a specific project:

- **Function**
Including air supply or extraction; heat transfer and recovery; and, in the event of fire, emergency management of smoke and toxic fumes
- **Flow**
Required air volume capacity and speed
- **Energy efficiency**
Less energy consumed to achieve the desired result
- **Controllability**
Allowing performance to match demand – no more, no less
- **Sound**
Quiet operation to avoid noise distraction
- **Space availability**
Fitting the space or location available

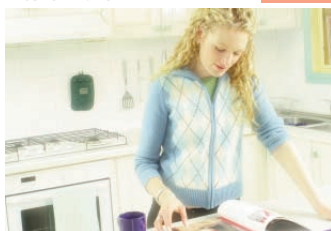
At Fläkt Woods, we have the technology and experience to give you that combination.

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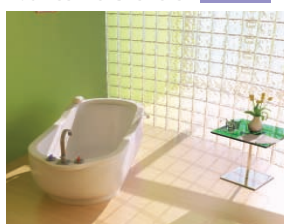
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X Range Application Guide

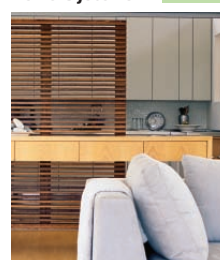
Kitchen Fans



Bathroom & Showers



Home Systems



Commercial Ventilation



FW X Range - DX100

100mm Axial extract fans



DX100

Key features

Application: **Domestic bathrooms, shower rooms and toilets. All models come complete with wall and window fitting kit**

Control options: **Pullcord, timer, humidistat and PIR**

Legislation: **Conforms to Building Regulations Part F1**

Hole diameter: **117mm (wall/ceiling)
125mm (window)
110mm (shaft/ducting)**



DX100 fan complete with Universal Mounting Kit

Select the right product for your application

	DX100	DX100PC	DX100T	DX100H	DX100HP	DX100PIR
Reference number	DV100005	DV100006	DV100007	DV100008	DV100009	DV100010
Remote switch (supplied separately)	■		■			
Integral pullcord		■			■	
Integral timer (adjustable from 2-20 mins)			■	■	■	■
Humidity sensor (50-90% RH)				■	■	
Passive infrared sensor						■
Maximum air flow (FID, m ³ /h)	76	76	76	76	76	76
Maximum air flow (FID, l/s)	21	21	21	21	21	21
Sound pressure level (dB(A)@3m)	35	35	35	35	35	35
Electrical power rating (W)	12	12	12	12	12	12
IP rating	IPX5	IPX5	IPX5	IPX5	IPX5	IPX4
Universal mounting kit	■	■	■	■	■	■
Weight (kg)	1.2	1.2	1.2	1.2	1.2	1.2
Guarantee (years, UK)	3	3	3	3	3	3

The Range

A comprehensive range of stylish, compact and easy to install single speed fans. Suitable for a wide range of domestic applications including bathrooms, shower rooms and toilets, including zones 1 & 2. Also suitable for commercial applications such as hotel bathrooms, office toilets and other small rooms.

DX100 models have a softly curved flowline grille design which will blend into wall or ceiling décor, whilst the shallow depth of the outlet spigot ensures compact window installation. All models have optional universal mounting kit available (wall tube, gasket x2, outer grille, skirt moulding for window) suitable for wall, ceiling or window mounting (in single glazing up to 6mm) applications. The **DX** range includes an air operated backdraught shutter, outer grille and ducting. Control options include integral pullcord and timer; humidistat and PIR options offer automatic control.

All models are IPX5 rated (except **DX100PIR**) and BEAB approved, demonstrating accredited levels of safety. They are all suitable for 220-240V 50Hz mains operation, have lubricated for life motors, Class B insulation for operation in ambient temperatures up to 40°C and are fitted with a thermal cut out.

Models

DX100

Ref. DV100005W

- Single speed axial unit
- Operated by a remote switch or sensor (In a bathroom normally a separate pullcord or the lighting circuit)
- Includes universal mounting kit
- Colour: White

- Automatic On/Off operation by integral humidity sensor, adjustable from 50-90% RH
- Pullcord On feature overrides the auto-humidity sensor function
- Includes universal mounting kit
- Colour: White

DX100PC

Ref. DV100006

- Single speed axial unit with pullcord
- Operated by integral pullcord
- Includes universal mounting kit
- Colour: White

DX100PIR

Ref. DV100010

- Single speed axial unit with PIR detector
- Automatic On/Off operation
- Integral passive infrared sensor
- Includes universal mounting kit
- Colour: White

DX100T

Ref. DV100007

- Single speed axial unit with timer
- Timer triggered by a remote switch - usually the lighting circuit
- Adjustable timer (2-20mins)
- Includes universal mounting kit
- Colour: White

DX100H

Ref. DV100008

- Single speed axial unit with humidistat
- Automatic On/Off operation by integral humidity sensor, adjustable from 50-90% RH
- Timer function adjustable (2-20mins)
- Includes universal mounting kit
- Colour: White

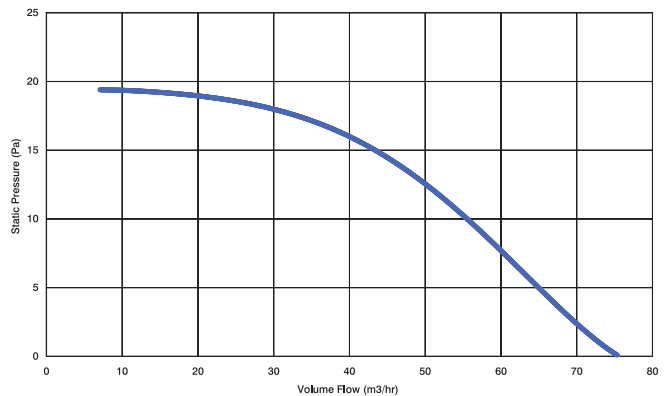
DX100HP

Ref. DV100009

- Single speed axial unit with humidistat and pullcord
- Timer function adjustable (2-20mins)

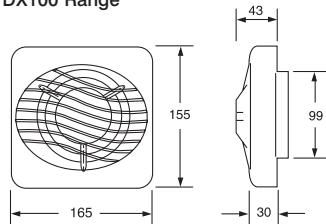
Performance

DX100 Range

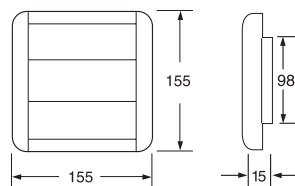


Dimensions (mm)

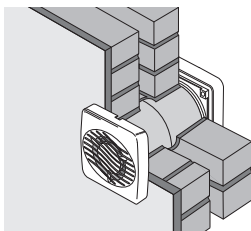
DX100 Range



Back draught shutter



Installation and Accessories

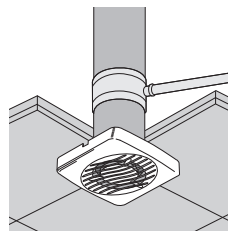


Wall Mounting

Hole diameter: 117mm
Ducting size: 100mm

Alternative Accessories

Easy fit kit EFT
Ref. DV900004
Vent cowl VC10
Ref. DV900056

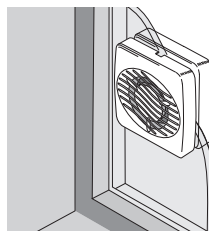


Ceiling Mounting

Hole diameter: 117mm
Ducting size: 100mm

Installation Accessories

Condensation trap XCT100
Ref. DV900013
Vent cowl VC10
Ref. DV900056

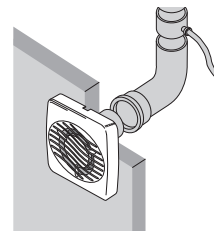


Window Mounting

Hole diameter: 125mm
Max. glass thickness: 6mm

Installation Accessories

Double glazing kit DXDG
Ref. DV900070



Ducting Application

Hole diameter: 110mm
Ducting size: 100mm

Installation Accessories

Condensation trap XCT100
Ref. DV900013

FW X Range - DX200 & CF20

Centrifugal extract and condensation control fans



DX200

CF20

Key features

Application: **Suitable for surface, flush wall and ceiling mounting. Window kit available**

Control options: **Pullcord, timer and humidistat**

Legislation: **Conforms to Building Regulations Part F1**

Hole diameter: **117mm (wall/ceiling)
120mm (window)**



Select the right product for your application

	DX200	DX200T	CF20	CF20T
Reference number	DV100001	DV100002	DV100003	DV100004
Remote switch (supplied separately)	■	■		■
Integral pullcord			■	■
Integral adjustable run-on timer (30s to 20 mins)		■		■
Integral fixed run-on timer (20 mins)				■
Humidity sensor (50-90% RH)			■	■
Quick visit facility (2 minutes)		■		■
Speeds	2	4	5	5
Trickle ventilation facility		■	■	■
Extract performance (FID, m ³ /h)				
boost	-	-	108	108
speed 3	-	108	102	102
speed 2	108	79	79	79
speed 1	50	50	50	50
trickle	-	36	36	36
Extract performance (FID, l/s)				
boost	-	-	30	30
speed 3	-	30	28	28
speed 2	30	22	22	22
speed 1	14	14	14	14
trickle	-	10	10	10
Sound pressure level (dB(A)@3m)				
boost	-	-	50	50
speed 3	-	50	48	48
speed 2	50	42	42	42
speed 1	32	32	32	32
trickle	-	26	26	26
Max. electrical power rating (W)	34	34	34	34
IP rating	IPX5	IPX5	IPX5	IPX5
Weight (kg)	1.75	1.75	1.75	1.75
Guarantee (years, UK)	3	3	3	3

The Range

The efficient and stylish Premier range of pressure developing fans is designed specifically for domestic applications, including bathrooms, shower rooms, toilets and utility rooms where longer duct runs are required. They are also suitable for commercial applications such as hotel rooms, office toilets, commercial bathrooms and for coastal installations.

All models have a gloss white casing with clean and sleek appearance. A two part casing means Premier fans can easily be recessed or surface mounted. They can be fitted into ceilings or stud work walls in recesses as little as 50mm deep using the side entry knockout provided, an FDA adaptor and Profile 29 flat duct. Alternatively 100mm circular ducting can be used. All feature an automatic

air operated back draught shutter and the **CF20** range are supplied with a brown 100mm external outlet grille for wall or soffit fixing.

The clip off front cover and removable fan blade on all models allow easy cleaning and maintenance. All also have a neon indicator (except **DX180/T**).

DX200 and **CF20** models are IPX5 rated. All are BEAB approved. They are all suitable for 220-240V AC 50Hz mains operation. Motors are totally enclosed and maintenance free for life, with self aligning bearings and a thermal cut-out. All electronics and wiring terminals are fully protected.

Optional filters are available, please enquire for further details.

Models

Premier DX200 Ref. DV100001

- High performance centrifugal unit
- Choice of 2 set speeds

Premier DX200T Ref. DV100002

- High performance centrifugal unit with timer
- Room size selector matches extract performance for improved efficiency
- 'QuickVisit' delay feature prevents fan from running should light be switched On/Off again within 2mins
- Mechanical trickle ventilation facility
- Built-in run-on period after light switched Off. User adjustable from 30s-20mins

Premier CF20 Ref. DV100003

- High performance condensation control centrifugal unit
- Step-speed, user adjustable humidistat
- Room size selector matches extract performance for improved efficiency
- Tricklevent and Pullcord manual override
- Includes external wall grille

Premier CF20T Ref. DV100004

- All the features of CF20 plus:
- Auto run-on after light switched Off
- 'QuickVisit' delay feature prevents fan from running should light be switched On/Off again within 2 mins

Controllers

Manual Override Switch MOS Ref. DV900019

- Switch 1 controls the high/low speed levels and
- Switch 2 controls On/Off and the tricklevent option

Remote Humidistat XRH Ref. DV900054

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

Remote Time Delay Unit DT20B Ref. DV900020

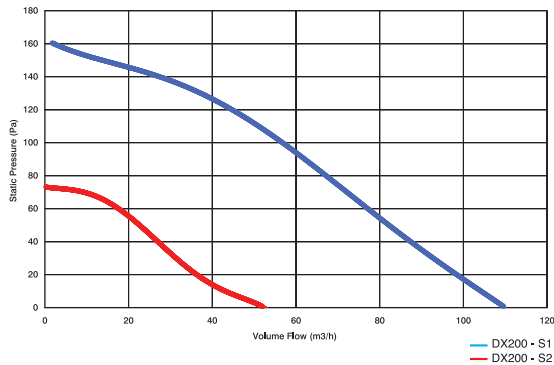
- User adjustable run-on timer (2-20mins)

Passive Infrared Sensor XPIRA Ref. DV900053

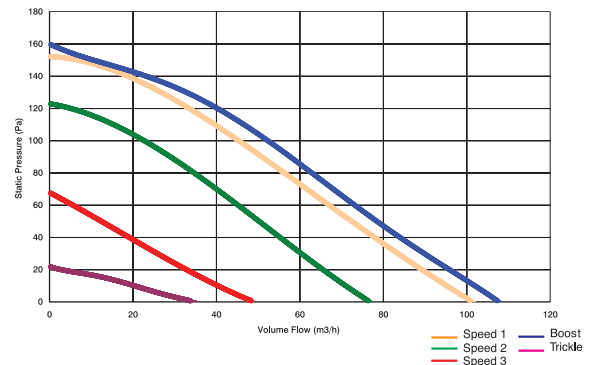
- Activates fan via body movement. Ideal for infrequently used public spaces. Built in timer to prevent nuisance tripping

Performance

DX200 Range

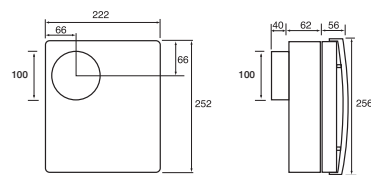


DX200T/CF20

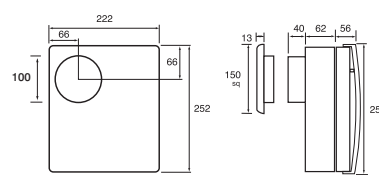


Dimensions (mm)

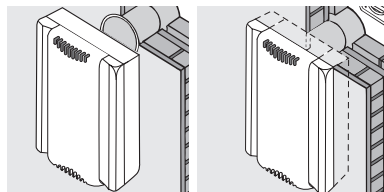
Premier DX200



Premier CF20



Installation and Accessories



Wall Mounting

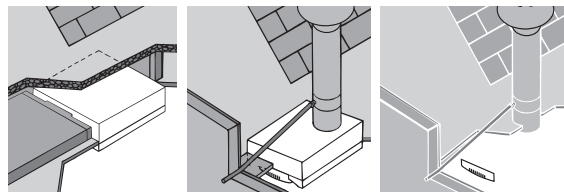
Flush Wall Mounting

Hole diameter: 117mm

Installation Accessories

Wall vent kit VK10
Wall tube WD100
Easy fit kit EFT

Ref.DV900001
Ref.DV900005
Ref.DV900004



Ceiling Mounting
with flat ducting

Flush Ceiling
Mounted

Surface Ceiling
Mounted

Hole diameter: 117mm or (w233 x h203mm flush mounted)

Installation Accessories

Condensation trap XCT100
Vent cowl VC10
Ceiling mounting adaptor XCMK

Ref.DV900013
Ref.DV900056
Ref. DV900012

FW X Range - DX400 & CF40

Centrifugal extract and condensation control fans



DX400



CF40

Key features

Application: **Domestic kitchens, utility rooms and larger bathrooms; commercial bathroom, small offices and public toilets. Suitable for surface and floor, wall and ceiling mounting**

Control options: **Pullcord, timer and humidistat**

Legislation: **Conforms to Building Regulations Part F1**

Hole diameter: **117mm**



Select the right product for your application

	DX400	DX400T	DX400PC	DX400RS	CF40	CF40TD	CF40RSTD
Reference number	DV111001W	DV111002	DV111003	DV111004	DV111005	DV111006	DV111007
Remote switch (supplied separately)	■	■		■			■
Remote switch (supplied)							
Integral pullcord			■		■	■	
Integral adjustable run-on timer (30s to 20 mins)		■				■	■
Humidity sensor (50-90% RH)					■	■	■
Quick visit facility (2 minutes)		■				■	
Speeds	2	3	3	3	5	5	5
Trickle ventilation facility		■	■	■	■	■	■
Extract performance (FID, m ³ /h)							
boost					250	250	250
speed 3					174	174	174
speed 2	245	245	245	245	143	143	143
speed 1	143	143	143	143	90	90	90
trickle		61	61	61	61	61	61
Extract performance (FID, l/s)							
boost					69	69	69
speed 3					48	48	48
speed 2	68	68	68	68	40	40	40
speed 1	40	40	40	40	25	25	25
trickle		17	17	17	17	17	17
Sound pressure level (dB(A)@3m)							
boost					55	55	55
speed 3					46	46	46
speed 2	55	55	55	55	40	40	40
speed 1	42	42	42	42	33	33	33
trickle		27	27	27	27	27	27
Electrical power rating (W)	78	78	78	78	77	77	77
Hole diameter	115	115	115	115	115	115	115
IP rating	IPX5	IPX5	IPX5	IPX5	IPX5	IPX5	IPX5
Weight (kg)	3	3	3	3	3	3	3
Guarantee (years, UK)	3	3	3	3	3	3	3

The Range

Kitchen ventilation has never looked so good. Since its launch, Premier has taken the ventilation market by storm. **DX400** extract and **CF40** condensation control fans are no exception. These pressure developing centrifugal fans are sleekly styled and are ideally suited for use in kitchens, utility rooms and larger bathrooms and toilets and individual offices.

They can be surface or flush mounted in walls and ceilings using the universal mounting accessories provided, and include a back draught shutter and outlet grille. Both models have their inlet discreetly concealed behind a stylish white front cover. This cover is held in position by clips for easy removal for cleaning.

Control options include integral pullcord and timer. Models with an integral humidistat offer automatic control. **CF40TD** features a delay start 'quick visit' facility preventing the fan from coming on should the light be switched on and then off within 2 minutes.

All models are IPX5 rated and BEAB approved. They are all suitable for 220-240V 50Hz mains operation and feature external rotor motors with integral balanced impellers, sealed for life maintenance free bearings and safety thermal cut out protection.

Optional filters are available, please enquire for further details.

Models

Premier DX400

Ref. DV111001

- Two speed centrifugal fan
- Pre-select speed to suit application
- Alternatively use optional COS switch to change between speeds and On/Off
- Includes external wall grille

Premier DX400T

Ref. DV111002

- Centrifugal fan with timer
- Timer is typically connected to a lighting circuit
- Built in run-on period after the light has been switched Off, user adjustable from 30s-20min
- Fan operates at full speed when light is On, then operates at reduced speed during run-on and the switches to either Trickle or Off (installer selectable)
- 'QuickVisit' delay feature prevents the fan from running should the light be switched On/Off again within two minutes
- Fan running status lights
- Includes external wall grille

Premier DX400PC

Ref. DV111003

- High, Low, On/Off with tricklevent operated by integral 3 position pullcord switch
- Fan running status lights
- Includes external wall grille

Premier DX400RS

Ref. DV111004

- Two speed centrifugal fan
- Pre-select speed to suit application
- Alternatively use optional COS switch to change between speeds and On/Off
- Trickle vent option is activated by a preset switch on the unit

- Fan running status lights
- Includes external wall grille

Premier CF40

Ref. DV111005

- Condensation Control Range with humidistat
- Automatic operation through integral humidity sensor
- Pullcord selects High, Low, Off or Trickle

Premier CF40TD

Ref. DV111006

- Automatic operation through integral humidistat
- Pullcord selects High, Low, Off or Trickle
- 'QuickVisit' delay feature prevents the fan from running should the light be switched On/Off again within two minutes
- Fan running status lights
- Includes external wall grille

Premier CF40RSTD

Ref. DV111007

- Automatic operation through integral humidistat
- MOS remote switch (supplied) selects high or low speed and can switch the unit Off (or to tricklevent).
- Built in humidity control run on period
- User adjustable from 30sec-20min
- Fan running status lights
- Includes external wall grille

Note: For kitchen applications a grease filter PDXGF is recommended Ref. 91145AA

Controllers

Manual Override Switch MOS

Ref. DV900019

- Switch 1 controls the high/low speed levels and Switch 2 controls On/Off and the tricklevent option

Change Over Switch COS

Ref. DV900016

- Used to select between high and low speed operation

Remote Humidistat XRH

Ref. DV900054

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

Remote Time Controller DT20B

Ref. DV900020

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

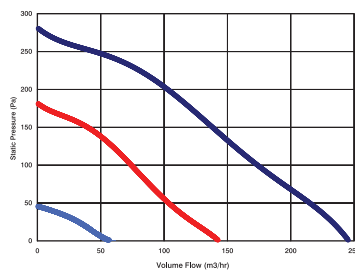
Passive Infrared Sensor XPIRA

Ref. DV900053

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

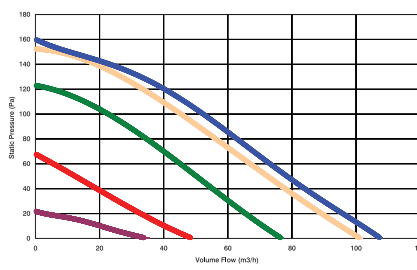
Performance

DX400 Range



- Performance - High Speed
- Performance - Low Speed
- Performance - Trickle

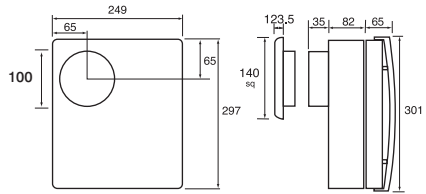
CF40 Range



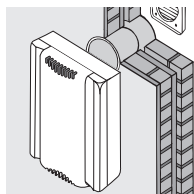
- Performance - Condensation Speed 3
- Performance - Condensation Speed 2
- Performance - Condensation Speed 1
- Performance - Trickle Speed

Dimensions (mm)

DX400/CF40 Range



Installation and Accessories



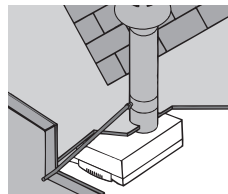
Wall Mounting

Hole diameter: 117mm
Ducting size: 100mm

Installation Accessories

Easy fit kit EFT
Wall Tube WD100

Ref. DV900004
Ref. DV900005

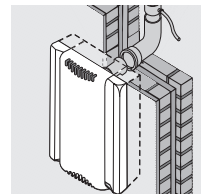


Ceiling Mounting

Hole diameter: 117mm
Ducting size: 100mm

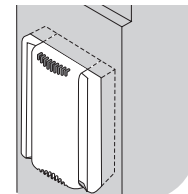
Installation Accessories

Condensation trap XCT100
Vent cowl VC10
Ceiling mounting kit XCMK



Ducted Applications

Ref. DV900013
Ref. DV900056
Ref. DV900012



Ventilation Shaft Mounting

Hole diameter: 117mm
Ducting size: 100mm

FW X Range - SL100 & SL150

Wafer thin axial fans



SL100

SL150

Key features

Application: **Domestic bathrooms, shower rooms, toilets, wall, ceiling and window fitting. For wall or duct mounting**

Control options: **Pullcord, timer & humidistat**

Legislation: **Conforms to Building Regulations Part F1**

Spigot diameter: **100mm (SL100)
150mm (SL150)**



Excludes the SG150HP



Wafer thin grille

Select the right product for your application

	SL100	SL100P	SL100T	SL100HT	SL150	SL150P	SL150T	SL150HT	SL150HP
Reference number	DV110001	DV110002	DV110003	DV110004	DV110005	DV110007	DV110006	DV110008	DV110009
Remote switch (supplied separately)	■		■	■	■		■	■	
Integral pullcord		■				■			■
Integral timer (adjustable up to 15 mins)			■	■			■	■	■*
Integral humidity sensor (45-99% RH)				■				■	■**
Extract performance (FID, m³/h)	67	67	67	67	218	218	218	218	218
Extract performance (FID, l/s)	18.5	18.5	18.5	18.5	60	60	60	60	60
Sound pressure level (dB(A)@3m)	39	39	39	39	43	43	43	43	43
Electrical power rating (W)	15	15	15	15	35	35	35	35	35
IP rating	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Weight (kg)	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9

The Range

Meet the new generation of FW X-Range **Slimline SL100** and **SL150** fans, with wall hugging wafer-thin grilles designed for modern living. They are white in colour and are ideal for domestic bathrooms, shower rooms, toilets and other small rooms. With an internal projection of only 10mm, the 100mm FW X-Range **Slimline** unit is one of the lowest profile bathroom fans available. For bigger bathrooms **Slimline** is also available in a 150mm size offering performance and style.

For rooms with no opening windows **Slimline SL100** is available with a built-in overrun timer. Humidistat models are available for shower rooms and heavily used bathroom applications. Ordering is straightforward: simply select the size and control option required, then add the appropriate window or wall kit

But the **Slimline** range doesn't just have a pretty face, installation is simple too. All **Slimline** models have two adjustable QuickClamp fixings which make traditional wall plug and screw fixings a thing of the past

The IPX4 rated units fully meet the requirements of the Building Regulations for bathrooms, toilets and kitchens and the IP requirements for zone 1 and zone 2 as defined by the IEE Wiring Regulations (16th Edition) BS7671:2001. All models are suitable for a supply voltage of 220-230V 50Hz and ambient temperatures up to 40°C.

Models

SL100

Ref. DV110001

- Single speed axial fan
- Operated by remote switch or sensor (in a bathroom normally a separate pullcord or lighting circuit)
- Colour: White

SL100P

Ref. DV110002

- Single speed axial fan with pullcord
- Operated by integral On/Off pullcord switch
- Colour: White

SL100T

Ref. DV110003

- Single speed axial fan with timer
- Timer triggered by remote switch-usually the lighting circuit
- Timer variable from 3-15mins
- Colour: White

SL100HT

Ref. DV110004

- Single speed axial fan with humidistat and overrun timer
- Built in adjustable humidistat

- Integrated overrun timer eliminates nuisance tripping
- Timer variable from 45s-15mins
- Colour: White

SL150

Ref. DV110005

- Single speed axial fan
- Operated by a remote switch or sensor, usually a lighting circuit
- Built in backdraught shutter
- Colour: White

SL150P

Ref. DV110007

- Single speed axial fan with pullcord
- Operated by integral On/Off pullcord switch
- Built in backdraught shutter
- Colour: White

SL150HT (SL150T see page 39)

Ref. DV110008

- Single speed axial fan with humidistat and overrun timer
- Built in adjustable humidistat
- Integrated overrun timer eliminates nuisance tripping
- Timer variable from 45s-15mins

- Built in backdraught shutter
- Colour: White

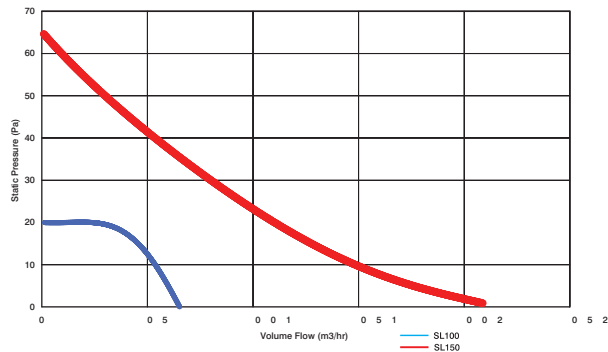
SL150HP

Ref. DV110009

- Speed increases automatically as humidity increases
- Integral On/Off pullcord gives full speed manual override
- Built in backdraught shutter
- Colour: White



Performance



Controllers

Passive Infrared Sensor XPIRA

Ref. DV900053

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

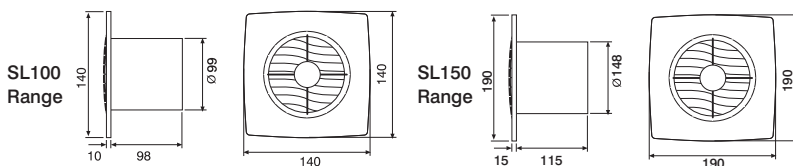


Remote Time Controller DT20B

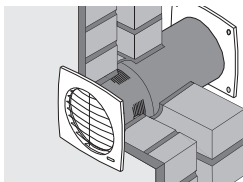
Ref. DV900020

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

Dimensions (mm)

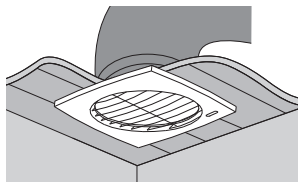


Installation and Accessories



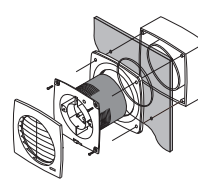
Wall Mounting

Hole diameter: 117mm (SL100)
157mm (SL150)



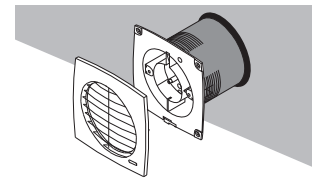
Ceiling Mounting

Hole diameter: 100mm (SL100)
157mm (SL150)



Window Mounting

Hole diameter: 100mm (SL100)
150mm (SL150)



Ducted Applications

Hole diameter: 117mm (SL100)
157mm (SL150)
Duct diameter: 100mm (SL100)
150mm (SL150)

Installation Accessories

SL100 wall kit SLWK
Ref. DV900061
SL150 wall kit SLWK
Ref. DV900062

Installation Accessories

Flexible ducting FD150
Ref. DV900026
Condensation trap XCT100
Ref. DV900013

Installation Accessories

SL100 window kit
Ref. DV900066
SL150 window kit*
Ref. DV900067

Installation Accessories

Flexible ducting FD150
Ref. DV900026

* Backdraught shutter must be removed

FW X Range - Xplus 275

Multipoint ventilation units and UltraDC MEV models



Key features

Type:	Continuous mechanical extract unit (MEV)
Application:	Wholehouse system
Control Options:	3 speed
Legislation:	Building Regulations Part F1
Spigot diameter:	125mm

The Range

Higher density building requires new methods of ventilation. Apartments for example can often have only one external wall face, requiring ductwork to reach some rooms. Having one ventilation outlet is not only preferred aesthetically by architects it means less builder's work and minimises noise breakout.

Suitable for domestic dwellings with a total internal volume up to 450m³. Also suitable for a wide range of commercial applications where multiple extract points can be served by a single fan, for example toilet cubicles.

The FW X-Range **Xplus** range is the ideal solution for multipoint extract applications. Available in AC and now with UltraDC motors Xplus is easily installed in houses and flats.

The **Xplus** range is a high pressure, quiet, speed controllable system designed for continuous 24/7 running ensuring that wet rooms are properly ventilated to minimise the migration of high humidity to other rooms.

Used in conjunction with Xflex flexible ducting, Profile 29 flat ducting and RegulAir ventilation terminals, the system can be concealed above ceilings and in stud walls.

This unit is controllable by means of a three speed hard wired switch.

Select the right product for your application



		Xplus 275
Reference number		DV200001
ac motor		■
UltraDC motor		
Radio frequency controls		
Speeds		3
Extract Performance (FID, m ³ /h)	high	385
	med	208
	low	139
Low sound pressure level (dB(A)@3m)	high	47
Power (W)	high	123
	med	104
	low	34
No. of intake spigots		3
Spigot diameter (mm)		125
Colour		black
Weight (kg)		4.7
Guarantee (years, UK)		3

Models

Xplus 275

Ref. DV200001

- Multi-speed central extract unit
- Three 125mm diameter intake spigot connections and a 125mm diameter outlet
- Manufactured in high impact ABS
- External rotor motor / impeller
- Moulded high performance scroll
- Integral fixing points
- Suitable for temperatures up to 40°C
- Terminal box for electrical connection
- Black finish

Three Speed Controller

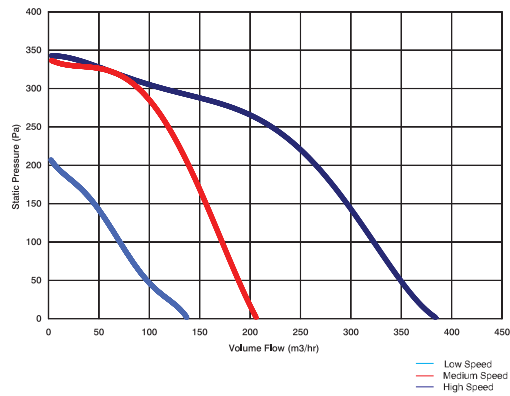
Ref. DV900015

- 3 speed control switch suitable for Xplus 275 and 340 models



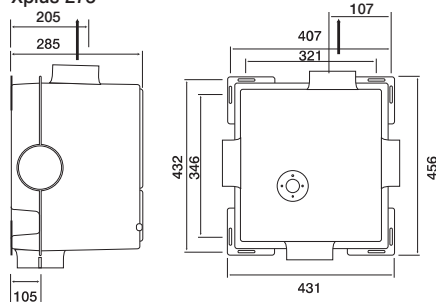
Performance

Xplus 275



Dimensions (mm)

Xplus 275



FW X Range - Xplus 2 (AC)

Multi-point Domestic and Commercial Ventilation System



Key features

- 190mm low profile design
- 4 installer adjustable speed settings
- 6 125mm Ø extract spigot positions
- External rotor motor
- Moulded high performance scroll
- Integral fixing points
- Suitable for temperatures up to 50°C
- 100% recyclable

The Range

The Xplus 2 is a high performing central extract system designed to continuously extract stale, moist air from all wet areas, such as kitchens and bathrooms.

The unit is primarily used in domestic applications but can also be used for commercial applications, where continuous extract is required. The multi-spigot design offers the installer greater flexibility when choosing where to site the unit and also due to the spigot configuration, allows any ducting to be connected from any direction, therefore reducing airflow restriction and noise. The unit is suitable for either horizontal or vertical installation.

The Xplus 2 has 1-125mm Ø discharge spigot to atmosphere and up to 6-125mm Ø spigots from the dwelling, depending on the total volume required. 3 blanking plates are also supplied. FW X-Range accessories such as Profile 60 rectangular flat duct together with 125mm Ø rigid and flexible insulated/uninsulated ducting can be used in conjunction with the Xplus 2 unit to provide a complete ventilation system.

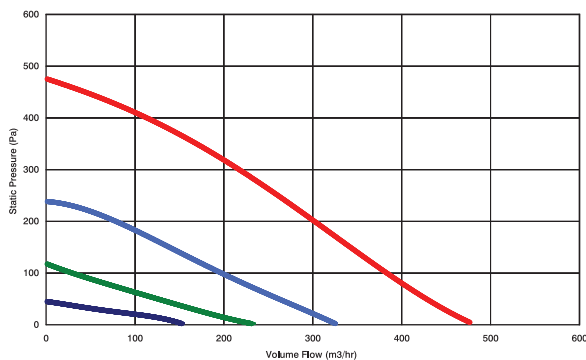


Selecting the right setting for your application

Product Selector	Xplus 2		
Reference number	DV200003		
Motor type	AC		
Maximum extract performance (FID, m³/h)	471		
Maximum extract performance (m³/h @100Pa)	382		
Maximum system pressure (Pa)	400		
Power usage maximum (W) 220-240V AC 50-60Hz	Speed 1/2/3/4	13.4/23.9/35/58.2	
Specific fan power (W/l/s)	Speed 1/3	0.31/0.44	
Speeds	4		
Speed control type	Capacitor loading by selected value		
Noise (dB(A)@3m)	Speed 1/2/3/4	20.1/30.7/37.1/45.1	
Number of intake spigots	6		
Number of exhaust spigots	1		
Spigot diameter (mm)	125		
Colour	Blue		
Installation orientation	Vertical or horizontal		
Body material	Plastic		
Weight (kg)	4.95kg		
Guarantee (years, UK)	2		

Performance

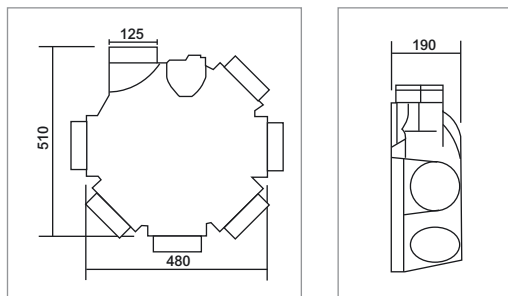
Performance Table m³/h



Pa	Speed 1	Speed 2	Speed 3	Speed 4
0	155	237	329	471
25	73	187	293	447
50		122	263	421
75		85	242	401
100			187	382
125			155	366
150			133	346
175			105	325
200			57	308
250			10	266
275				243
300				205

Speed 1 —
Speed 2 —
Speed 3 —
Speed 4 —

Dimensions (mm)



Energy Guide

Product	Exhaust terminal configuration	Fan power (Watts)	Energy saving %
Xplus 2 (AC)	KITCHEN + 3 additional wet rooms (37 l/s)	23.9	N/A

Controller Options:

Model	COS	3SP-SW	XPIRA	DT20B	XIC1	XRH	AQS	MOS
	2 Speed Switch	3 Speed Switch	PIR Sensor	Time Delay Unit	Speed Controller	Remote Humidistat	Air Quality Sensor	Manual Override Switch
Reference number	DV900016	DV900015	DV900053	DV900020	DV900001	DV900054	DV900052	DV900019
Xplus 2 (AC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FW X Range - 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 FW X-Range 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 FW X-Range 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.

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	XIM125	XIM150	XIM150T	XIM200
Reference number	DV400001	DV400002	DV400003	DV400004	DV400005	DV400006
Speeds	1	1	2	2	2	2
Remote switch (supplied separately)	■			■		■
Integral timer (adjustable from 3-15 mins)		■			■	
Max. extract performance (FID m ³ /h)	77	77	265	476	476	845
Min. extract performance (FID m ³ /h)			198	358	358	599
Max. extract performance (FID l/s)	21	21	74	132	132	235
Min. extract performance (FID l/s)			55	99	99	166
Max. sound pressure level (dB(A)@3m)	14	14	25	39	39	39
Max. electrical power rating (W)	25	25	25	80	80	75
Duct size (mm)	100	100	125	150	150	200
IP rating	IPX2	IPX2	IPX4	IPX4	IPX4	IPX4
Weight (kg)	1.2	1.2	2.1	3.2	3.2	4.5
Guarantee (years, UK)	2	2	2	2	2	2

Models

XIM100

Ref. DV400001

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

XIM100T

Ref. DV400002

- 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

XIM125

Ref. DV400003

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

XIM150

Ref. DV400004

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

XIM150T

Ref. DV400005

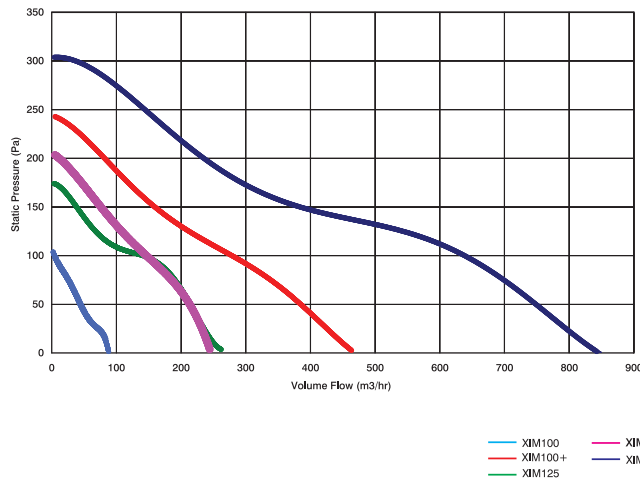
- Adjustable overrun timer from 3-15mins
- 2 speed inline fan
- Timer located in the terminal box
- Timer triggered by lighting circuit
- Mixed flow impeller/guide vanes
- Integral mounting cradle
- Rated as IPX4

XIM200

Ref. DV400006

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

Performance



Controllers

Change Over Switch COS

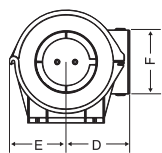
Ref. DV900016

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

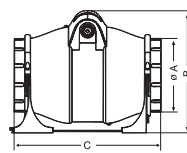
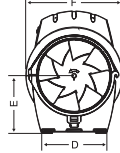
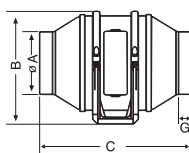


Dimensions (mm)

XIM100/125

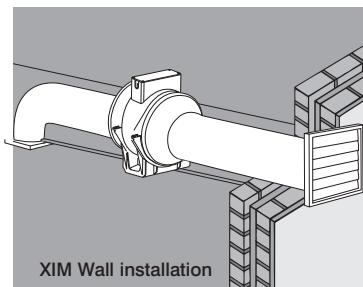


XIM150/200



Model	Dimensions (mm)						
	ØA	B	C	D	E	F	G
XIM100	98	177	238	99.5	89.2	100	20
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. DV900027

Flexible Ducting Xflex FD125 (3m) Ref. DV900028

Wall grille CFWG150 Ref. DV900003

Wall grille CFWG also available in grey

FW X Range - GX6, GX9 & GX12

Commercial window fans



Key features

Type:	Commercial duty ventilation unit
Application:	Pubs, restaurants, offices, kitchens, factories, schools and shops
Control options:	Extensive range of optional controllers available
Legislation:	Conforms to Building Regulations Part F1
Hole diameter:	184mm (GX6 window) 257mm (GX9 window) 324mm (GX12 window) 203mm (GX6 wall) 266mm (GX9 wall) 330mm (GX12 wall)



The Range

Tried and tested, the **GX6, GX9** and **GX12** window fans have remained a byword for commercial window fans for over forty years. The latest **GX** range is no exception – continuing that reputation for rugged reliability, whilst introducing a host of refinements to make the range safer, faster to install and easier to clean. Now supplied with longer ladder strips.

The contoured high gloss white housing is styled to blend in cleanly with modern décor. A shadow grey external grille is supplied for unobtrusive external appearance. For safety, a finger guard is integrated into the housing and the window grille design. On **GX9 & GX12** range units, a tamper proof positive plug and socket assembly provides a means of isolation for service access without the safety risk of accidental disconnection.

Installation in single and sealed double glazed windows (up to 25mm) is rapid using unique metal ladder strip/screw system, ensuring a secure and watertight seal against the glass.

Both the **GX9 & GX12** ranges are reversible and now feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions. Pre-balanced sickle bladed impellers eliminate 'fan judder' and ensure quiet trouble free operation. Sealed for life maintenance free bearings ensure suitability for running at any angle. Running costs are impressively low, and when not in use the silent electro-thermal shutter cassette closes silently against backdraughts. And cleaning has never been easier. The housing, shutter cassette and impeller are all removed in seconds.

Select the right product for your application

		GX6	GX9	GX12
Reference number		DV300011	DV300014	DV300001
Remote switch (supplied separately)		■	■	■
Selectable intake, extract or controller operation		■	■	■
Speeds		1	2*	2*
Extract performance (FID, m³/h)	high	266	728	1614
	low		618	1214
Extract performance (FID, l/s)	high	74	202	448
	low		172	337
Intake performance (FID, m³/h)	high		456	1002
	low		412	819
Intake performance (FID, l/s)	high		127	278
	low		114	228
Sound pressure level (dB(A)@3m)	high	37	50	55
	low		48	50
Max. electrical power rating (W)		30	41	85
Hole diameter (mm)		184	257	324
Hole diameter with wall liner (mm)		203	266	330
Weight (kg)		1.9	4	7.9
Guarantee (years, UK)		3	3	3

*low speed only applies if fan used with FR22/30 controller. If controller not used fan is only single (high) speed

Models

GX6

Ref. DV300011

- 6" high performance extract axial ventilation unit
- Operated by remote On/Off switch (not supplied)
- Suitable for single and sealed double glazing windows and panels up to 25mm
- Sealed for life maintenance free bearings, suitable for running at any angle. Integrated safety thermal overload protection
- Built-in silent action electro-thermal shutter cassette
- Passive tricklevent facility for background ventilation with fan Off
- Easy clean high gloss ABS housing with integral finger safety guard
- Shadow grey external grille for unobtrusive external appearance
- Unique metal ladderstrip / screw connection to external grille for security and weather tight seal
- IPX4 rated motor

GX9 with sickle blade

Ref. DV300014

GX12 with sickle blade

Ref. DV300001

- High performance intake/extract axial ventilation unit
- Choice of optional controllers
- Suitable for single and sealed double glazing windows and panels up to 25mm
- Balanced external rotor motor and sickle blade impeller for quiet efficiency
- Sealed for life maintenance free bearings, suitable for running at any angle
- Built-in silent action electro-thermal shutter cassette
- Passive tricklevent facility for background ventilation with fan Off
- Easy clean high gloss ABS housing with integral finger safety guard
- Shadow grey external grille for unobtrusive external appearance
- Tamperproof internal connection safety plug and socket
- Unique metal ladderstrip / screw connection to external grille for security and weather tight seal
- IPX4 rated motor

Controllers

Single Fan Controller FR22/30

Ref. DV900018

- For use with GX9 and GX12
- On/Off control with neon indicator. Used to select between high and low speed, intake and extract

Group Fan Controller EC6H

Ref. DV900017

- For use with GX9 and GX12
- On/Off control with neon indicator. Infinitely variable speed selection controls extract and intake air flow. For use with up to four fans (not mixed sizes)

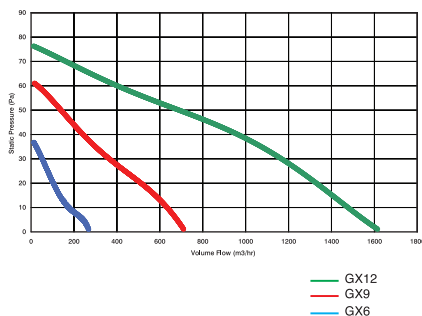
Group Fan Controller XCC1

Ref. DV900021

- For use with GX9 and GX12
- On/Off control with neon indicator

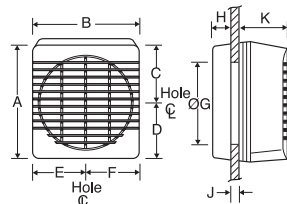


Performance

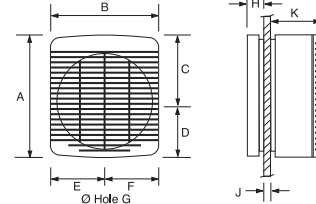


Dimensions (mm)

GX6



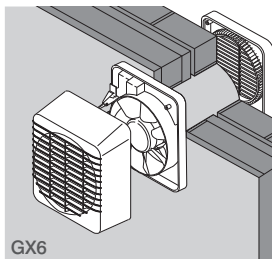
GX9, GX12



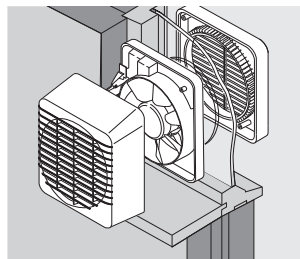
Model	Dimensions (mm)									
	A	B	C	D	E	F	G	H	J	K
GX6	226	210	119	107	109	101	184/203	32	4-35	112
GX9	312	294	165	147	147	147	257/266	32	4-35	117
GX12	408	380	216	192	190	190	324/330	34	4-35	161

Installation and Accessories

The GX6, GX9 & GX12 ranges come complete with a universal mounting kit for window installations.



GX6



GX9/GX12

GX9 unit can be used for a variety of medical and photographic applications where light protection is required by replacing the external grille with a Darkroom Cowl.

Wall Mounting

Hole diameter: 203mm

Installation Accessories

Wall Kit 280mm Ref. DV900059

Window Mounting

Hole diameter: 184mm (GX6)
257mm (GX9)
324mm (GX12)

Wall Mounting

Hole diameter: 266mm (GX9)
330mm (GX12)

Installation Accessories

Wall Kit Ref. DV900060 (GX9)
Wall Kit Ref. DV900058 (GX12)

Darkroom installation

FW X Range - PX6, PX9 & PX12

Commercial ceiling fans



Key features

Type:	Commercial duty ceiling and panel mount axial ventilation unit
Application:	Kitchens, restaurants, pubs, offices, schools, shops and kiosks
Control options:	Extensive range of optional controllers available
Legislation	Conforms to Building Regulations Part F1
Hole diameter:	w246 x h268 (PX6) w345 x h375 (PX9) w434 x h434 (PX12)
Duct Size:	200/250/315



Select the right product for your application

	PX6	PX9	PX12
Reference number	DV300002	DV300003	DV300004
Remote switch (not supplied)	■	■	■
Extract only	■		
Selectable intake, extract or controller operation		■	■
Speeds	1	2*	2*
Extract performance (FID, m ³ /h)	246	790	1712
		685	1290
Extract performance (FID, l/s)	68	219	476
		190	358
Intake performance (FID, m ³ /h)		458	1037
		433	845
Intake performance (FID, l/s)		127	288
		120	235
Sound pressure level (dB(A)@3m)	39	50	54
		47	48
Ducting size (mm)	200	250	315
Electrical power rating (W)	34	41	85
Hole diameter (w x h mm)	245 x 268	345 x 375	434 x 434
Spigot size (mm)	200	250	315
Weight (kg)	2.8	4.7	7.9
Guarantee (years, UK)	2	2	2

*low speed only applies if fan used with FR22/30 controller. If controller not used fan is only single (high) speed

The Range

Introducing a new addition to the commercial range. The **PX** range introduces even greater flexibility into the design of commercial and larger domestic ventilation systems. Based on the proven WX range, **PX** fans are perfect for ceiling and panel applications in kitchens, restaurants, pubs, offices, schools, shops and kiosks.

They can be installed at any angle in ceilings, voids and wall panels of any thickness. The ceiling hugging, low profile white fascia is styled to blend into any ceiling type, whether smooth, tiled or textured. For safety, a finger guard is integrated into the ultra slim high gloss ABS fascia. An integral spigot allows the attachment of flexible ducting, such as XFlex. Installation in ceilings and wall panels is rapid thanks to the concealed fixing points provided. Both the **PX9** & **PX12** are reversible making them ideal

for ducted input systems in the hospitality industry. On **PX9** & **PX12** units a positive plug and socket assembly provides a means of isolation for service access without the safety risk of accidental disconnection.

PX9 & **PX12** models feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions. Pre-balanced sickle bladed impellers eliminate 'fan judder' and ensure quiet trouble free operation. Sealed for life maintenance free bearings ensure suitability for running at any angle. Running costs are impressively low, and when not in use the silent electro-thermal shutter cassette closes silently against backdraughts. And cleaning has never been easier. The housing, shutter cassette and impeller are all removed in seconds.

Models

PX6

Ref. DV300002

- High performance extract only axial flow ventilation unit
- Operated by remote On/Off switch (not supplied)
- Suitable for installation at any angle in ceilings, voids and wall panels of any thickness
- Totally enclosed motor
- Sealed for life maintenance free bearings, suitable for running at any angle
- Built in silent action electrothermal shutter cassette
- Ultra slim high gloss ABS fascia with integral safety finger guard

PX9 with sickle blade

Ref. DV300003

- High performance intake / extract axial flow ventilation unit
- Choice of optional controllers
- Suitable for installation at any angle in ceilings, voids and wall panels of any thickness

- Balanced external rotor motor and sickle impeller for quiet efficiency
- Sealed for life maintenance free bearings, suitable for running at any angle
- Built in silent action electrothermal shutter cassette
- Ultra slim high gloss ABS fascia with integral safety finger guard

PX12 with sickle blade

Ref. DV300004

- High performance intake / extract axial flow ventilation unit
- Choice of optional controllers.
- Suitable for installation at any angle in ceilings, voids and wall panels of any thickness
- Balanced external rotor motor and sickle impeller for quiet efficiency
- Sealed for life maintenance free bearings, suitable for running at any angle
- Built in silent action electrothermal shutter cassette
- Ultra slim high gloss ABS fascia with integral safety finger guard

Controllers

Single Fan Controller FR22/30

Ref. DV900018

- For use with PX9 and PX12
- On/Off control with neon indicator. Used to select between high and low speed, intake and extract

Group Fan Controller EC6H

Ref. DV900017

- For use with PX9 and PX12
- On/Off control with neon indicator. Infinitely variable speed selection controls extract and intake air flow. For use with up to four fans (not mixed sizes)

Group Fan Controller XCC1

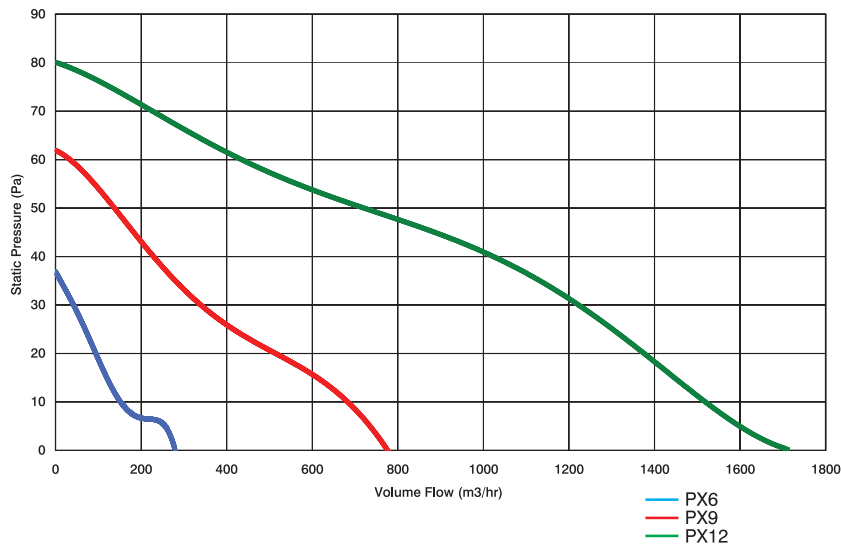
Ref. DV900021

- For use with PX9 and PX12
- On/Off control with neon indicator

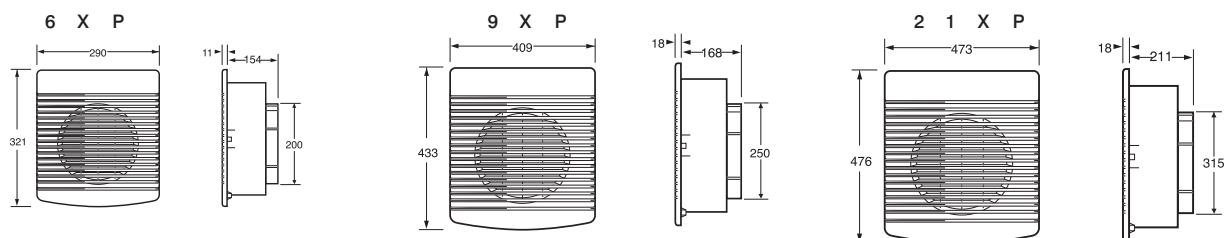


Performance

PX6, PX9, PX12



Dimensions (mm)



FW X Range - RX6, RX9 & RX12

Commercial roof fans



Key features

Type:	Commercial duty roof mount axial ventilation unit with roof cowl
Application:	Pubs, restaurants, offices, kitchens, factories, squash courts, schools and shops
Control options:	Extensive range of optional controllers available
Legislation:	Conforms to Building Regulations Part F1
Hole diameter:	184mm (RX6) 257mm (RX9) 324mm (RX12)



Select the right product for your application

		RX6	RX9	RX12
Reference number		DV300005	DV300006	DV300007
Remote switch (not supplied)		■	■	■
Extract only		■		
Selectable intake, extract or controller operation			■	■
Speeds		1	2*	2*
Extract performance (FID, m ³ /h)	high	206	511	1100
	low		430	807
Extract performance (FID, l/s)	high	57	142	306
	low		119	224
Intake performance (FID, m ³ /h)	high		438	915
	low		384	709
Intake performance (FID, l/s)	high		122	254
	low		107	197
Sound pressure level (dB(A)@3m)	high	39	52	56
	low		49	48
Electrical power rating (W)		35	41	87
Hole diameter (Ømm)		184	257	324
Max wall thickness (mm)		25	25	25
Weight (kg)		3,8	4,5	7,9
Guarantee (years, UK)		3	3	3

*low speed only applies if fan used with FR22/30 controller. If controller not used fan is only single (high) speed

The Range

With commercial wall space at a premium, sometimes the only way is up!

FW X-Range **RX** models are a neat way of ventilating through glazed and solid roofs and can be used vertically in windows on exposed sites such as coastal areas and high rise buildings. The commercial duty roof fans are particularly suitable for pubs, restaurants, offices, kitchens, factories, and squash courts, schools in areas like changing rooms, and kiln rooms and a wide range of shops.

The contoured high gloss white housing is sleekly styled. For safety, a finger guard is integrated into the ultra slim high gloss ABS fascia. The UV stabilised roof cowl assembly is a generous size to provide weather protection at all angles. They are suitable for single and sealed double glazed windows and panels up to 25mm. Installation in wire cast and sealed double glazed roof lights is rapid using unique metal ladderstrip and screw system, ensuring a secure and weather-tight

compression seal. For flat roofs an optional roof mounting plate allows **RX** models to be fitted to dressed curbs.

Both the **RX9** & **RX12** are reversible. All models offer a passive trickle vent option for background ventilation when the fan is off. On **RX9** & **RX12** units a positive plug and socket assembly provides a means of isolation for service access without the safety risk of accidental disconnection.

RX9 & **RX12** models feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions. Pre-balanced sickle bladed impellers eliminate 'fan judder' and ensure quiet trouble free operation. Sealed for life maintenance free bearings ensure suitability for running at any angle. Running costs are impressively low, and when not in use the silent electro-thermal shutter cassette closes silently against backdraughts. And cleaning has never been easier. The housing, shutter cassette and impeller are all removed in seconds.

Models

RX6

Ref. DV300005

- High performance extract only axial flow ventilation unit
- Operated by remote On/Off switch (not supplied)
- Suitable for single and sealed double glazed windows and panels up to 25mm
- Built in electrothermal shutter cassette
- Passive trickle vent option for background ventilation with fan Off
- Easy clean high gloss ABS housing
- Roof cowl assembly in UV stabilised material provides weather protection at all roof angles
- Unique metal ladderstrip/screw connection to external grille for security and weathertight seal
- Supply voltage 220-240V 50Hz

RX9

Ref. DV300006

RX12

Ref. DV300007

- High performance intake/extract axial flow ventilation unit
- Balanced external rotor motor and sickle bladed impeller for quiet efficiency
- Choice of optional controllers
- Tamper-proof internal connection safety plug and socket

Controllers

Single Fan Controller FR22/30

Ref. DV900018

- For use with RX9 and RX12
- On/Off control with neon indicator. Used to select between high and low speed, intake and extract

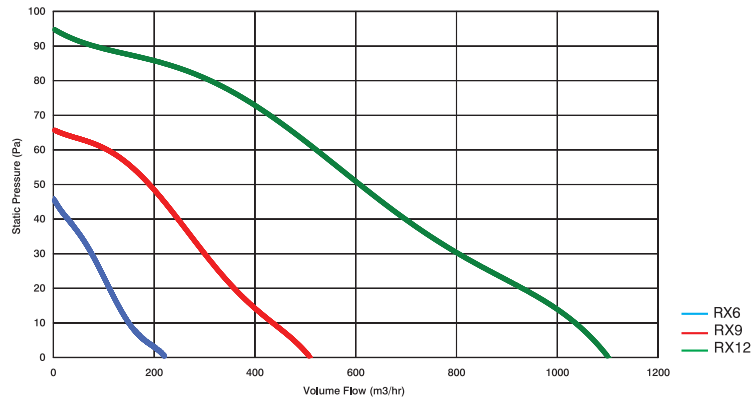
Group Fan Controller EC6H

Ref. DV900017

- For use with RX9 and RX12
- On/Off control with neon indicator. Infinitely variable speed selection controls extract and intake air flow. For use with up to four fans (not mixed sizes)

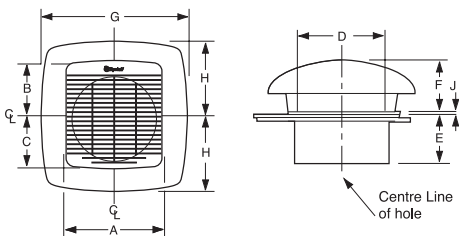
Performance

RX6, RX9, RX12 Range



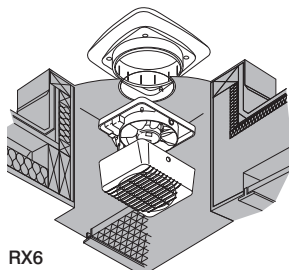
Dimensions (mm)

RX Range



Model	Dimensions (mm)								
	A	B	C	D	E	F	G	H	J
RX6	210	119	107	184	112	127	319	160	4/35
RX9	312	165	147	257	117	159	438	219	4/35
RX12	380	216	192	234	161	197	554	277	4/35

Installation and Accessories



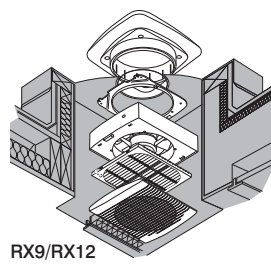
RX6

Kerb Mounting

Hole diameter: 184mm

Installation Accessories

Roof Mounting Plate Ref. DV900050
Kerb detail see **commercial**



RX9/RX12

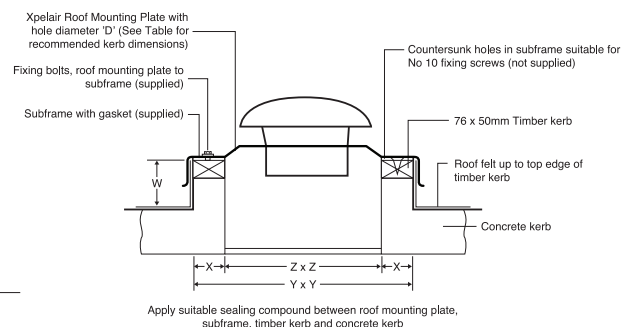
Kerb Mounting

Hole diameter: 257mm (RX9)
324mm (RX12)

Installation Accessories

Roof Mounting Plate Ref. DV900051
Kerb detail see **commercial**

Roof Mounting Plate XRP for flat roof applications



Model	Dimensions (mm)				
	W(min)	X	Y	Z	D hole
RX6	152	76	527	375	184
RX9	152	76	711	559	257
RX12	152	76	711	559	324

FW X Range - WX6, WX9 & WX12

Commercial wall fans



Key features

Type:	Commercial duty ventilation unit
Application:	Pubs, restaurants, offices, kitchens, factories, schools and shops
Control options:	Extensive range of optional controllers available
Legislation:	Conforms to Building Regulations Part F1
Hole diameter:	w245 x h268 WX6/WX6T w345 x h375 WX9 w434 x h434 WX12



Select the right product for your application

	WX6	WX9	WX12
Reference number	DV300008	DV300009	DV300010
Remote switch (not supplied)	■	■	■
Integral adjustable run-on timer (2 to 20 mins)			
Extract only	■	■	■
Selectable intake, extract or controller operation			
Speeds	1	2*	2*
Extract performance (FID, m ³ /h)	246	783	1715
		663	1162
Extract performance (FID, l/s)	68	248	476
		184	179
Intake performance (FID, m ³ /h)		477	969
		437	815
Intake performance (FID, l/s)		133	269
		121	226
Sound pressure level (dB(A)@3m)	39	50	54
		47	48
Electrical power rating (W)	34	41	85
Hole diameter (w x h mm)	245 x 268	345 x 375	434 x 434
Max wall thickness (mm)	292	508	522
Weight (kg)	2.9	4.7	8.3
Guarantee (years, UK)	3	3	3

*low speed only applies if fan used with FR22/30 controller. If controller not used fan is only single (high) speed

The Range

WX ventilation units – the 'classic' face of commercial wall fans. Discreetly slim, tough and reliable within – a winning formula that has served generations of pubs, businesses and local authorities.

Stylish commercial duty unit ventilation designed for pubs, restaurants, offices, kitchens, factories, schools and shops. Suitable for single, cavity brick and current timber frame walls.

The wall hugging, low profile white fascia is styled to blend in cleanly with commercial surroundings. For safety, a finger guard is integrated into the Ultra slim high gloss ABS fascia and the exterior wall grille design. On **WX9** & **WX12** units a positive plug and socket assembly provides a means of isolation for service access without the safety risk of accidental disconnection.

All **WX** models come complete with a wall mounting kit which include a wall liner.

Both the **WX9** & **WX12** are reversible and now feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions. Pre-balanced sickle bladed impellers eliminate 'fan judder' and ensure quiet trouble free operation. Sealed for life maintenance free bearings ensure suitability for running at any angle. Running costs are impressively low, and when not in use the silent electro-thermal shutter cassette closes silently against backdraughts. And cleaning has never been easier. The housing, shutter cassette and impeller are all removed in seconds.

Models

WX6

Ref. DV300008

- 6" high performance extract axial ventilation unit
- Suitable for single, cavity brick and current timber frame walls
- Sealed for life maintenance free bearings, suitable for running at any angle. Integrated safety thermal overload protection
- Built-in silent action electrothermal shutter cassette
- Passive tricklevent facility for background ventilation with fan Off
- Ultra slim high gloss ABS fascia with integral finger safety guard
- Shadow grey external grille for unobtrusive external appearance with built-in weather protection
- IPX4 rated motor

WX9

Ref. DV300009

WX12

Ref. DV300010

- High performance intake/extract axial ventilation unit
- Choice of optional controllers
- Suitable for single, cavity brick and current timber frame walls
- Balanced external rotor motor and sickle bladed impeller for quiet efficiency
- Sealed for life maintenance free bearings, suitable for running at any angle
- Built-in silent action electro-thermal shutter cassette
- Passive tricklevent facility for background ventilation with fan Off
- Ultra slim high gloss ABS fascia with integral finger safety guard
- Shadow grey external grille for unobtrusive external appearance with built-in weather protection
- Tamperproof internal connection safety plug and socket
- IPX4 rated motor

Controllers

Single Fan Controller FR22/30

Ref. DV900018

- For use with WX9 and WX12
- On/Off control with neon indicator. Used to select between high and low speed, intake and extract

Group Fan Controller EC6H

Ref. DV900017

- For use with WX9 and WX12
- On/Off control with neon indicator. Infinitely variable speed selection controls extract and intake air flow. For use with up to four fans (not mixed sizes)

Group Fan Controller XCC1

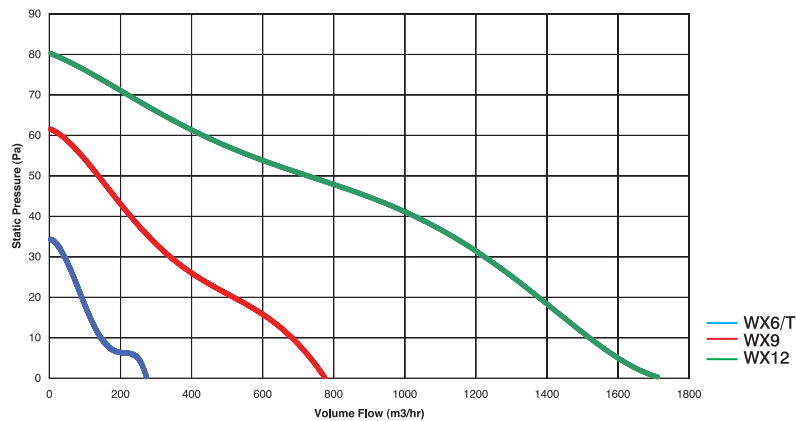
Ref. DV900021

- For use with WX9 and WX12
- On/Off control with neon indicator



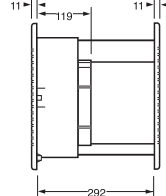
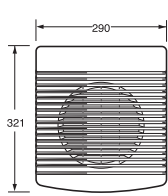
Performance

WX6/T, WX9, WX12

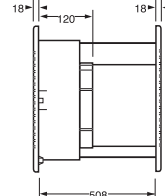
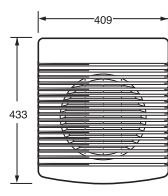


Dimensions (mm)

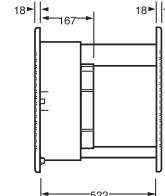
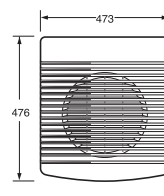
WX6/T



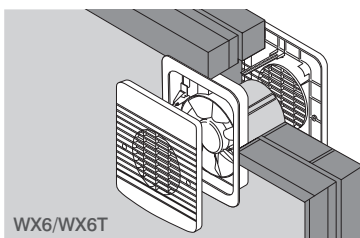
9 X W



2 1 X W



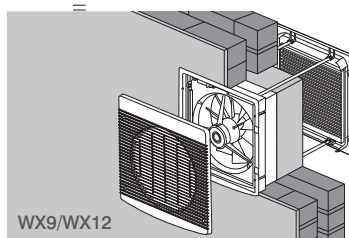
Installation



WX6/WX6T

Wall Mounting

Hole diameter: w245 x h268mm



WX9/WX12

Wall Mounting

Hole size: w345 x h375mm (WX9)
w434 x h434mm (WX12)

Fläkt Woods Express Range



NEW

Box Fans

NEW



i-Controls



Roof Units



NEW

Heat Recovery

Express Family



Tube Fans

Domestic Fans



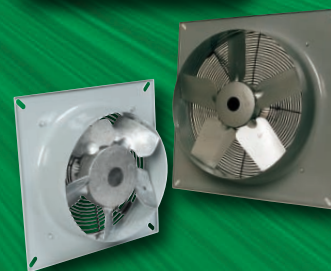
NEW

Cased Fans



NEW

Plate Fans



EuP directive
options available

Part L Compliant ventilation systems

FWG X Range - Express Products & Accessories

FW P/N	Description	Trade Price
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Bathroom & Showers

DV100005	DX100 FAN	220-240V 50HZ	£ 28.00
DV100006	DX100PC FAN	220-240V 50HZ	£ 29.00
DV100007	DX100T FAN	220-240V 50HZ	£ 36.00
DV100008	DX100H FAN	220-240V 50HZ	£ 103.00
DV100009	DX100HP FAN	220-240V 50HZ	£ 103.00
DV100010	DX100PIR FAN	220-240V 50HZ	£ 75.00

DV100001	PREMIER DX200 FAN	220-240V 50HZ	£ 57.00
DV100002	PREMIER DX200T FAN	220-240V 50Hz	£ 80.00
DV100003	PREMIER CF20 FAN	220-240V 50Hz	£ 130.00
DV100004	PREMIER CF20T FAN	220-240V 50Hz	£ 145.00

DV110001	SL100 Fan	220-230V 50Hz	£ 33.00
DV110002	SL100P Fan	220-230V 50Hz	£ 39.00
DV110003	SL100T Fan	220-230V 50Hz	£ 46.00
DV110004	SL100HT Fan	220-230V 50Hz	£ 84.00

DV400001	XIM100 Fan	230V 50Hz	£ 104.00
DV400002	XIM100T Fan	230V 50Hz	£ 128.00
DV400003	XIM125 Fan	230-240V 50Hz	£ 132.00
DV400004	XIM150 Fan	230-240V 50Hz	£ 160.00
DV400005	XIM150T Fan	230-240V 50Hz	£ 186.00
DV400006	XIM200 Fan	230-240V 50Hz	£ 227.00

Commercial Ventilation

DV300011	GX6 FAN	220-240V 50/60HZ	£ 114.00
DV300012	GX6T FAN	220-240V 50/60HZ	£ 121.00
DV300013	GX6HT FAN	220-240V 50/60HZ	£ 143.00
DV300014	GX9 FAN	220-240V 50/60HZ	£ 227.00
DV300001	GX12 FAN	220-240V 50/60HZ	£ 355.00

DV300002	PX6 Fan	220-240V 50/60Hz	£ 141.00
DV300003	PX9 Fan	220-240V 50/60Hz	£ 307.00
DV300004	PX12 Fan	220-240V 50/60Hz	£ 383.00

DV300005	RX6 FAN	220-240V 50/60HZ	£ 185.00
DV300006	RX9 FAN	220-240V 50/60HZ	£ 355.00
DV300007	RX12 FAN	220-240V 50/60HZ	£ 468.00

DV300008	WX6 FAN	220-240V 50/60HZ	£ 156.00
DV300009	WX9 FAN	220-240V 50/60HZ	£ 341.00
DV300010	WX12 FAN	220-240V 50/60HZ	£ 426.00

FW P/N	Description	Trade Price
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Kitchens

DV111001	PREMIER DX400 FAN	220-240V 50/60Hz	£ 101.00
DV111002	PREMIER DX400T FAN	220-240V 50/60Hz	£ 116.00
DV111003	PREMIER DX400PC FAN	220-240V 50/60Hz	£ 116.00
DV111004	PREMIER DX400RS FAN	220-240V 50/60Hz	£ 116.00
DV111005	PREMIER CF40 FAN	220-240V 50/60Hz	£ 145.00
DV111006	PREMIER CF40TD FAN	220-240V 50/60Hz	£ 159.00
DV111007	PREMIER CF40RSTD FAN	220-240V 50/60Hz	£ 159.00

DV110005	SL150 Fan	220-230V 50Hz	£ 65.00
DV110006	SL150T Fan	220-230V 50Hz	£ 93.00
DV110007	SL150P Fan	220-230V 50Hz	£ 80.00
DV110008	SL150HT Fan	220-230V 50Hz	£ 130.00
DV110009	SL150HP Fan	220-230V 50Hz	£ 138.00

Home Systems

DV200001	Xplus 275 Multipoint Ventilator	£ 160.00
DV200003	Xplus 2 Multipoint UNIT	£ 126.00

Accessories - Mounting Kits

DV900001	Wall vent kit VK10	£ 13.00
DV900002	WALL GRILLE	£ 3.00
DV900003	WALL GRILLE	£ 3.00
DV900004	EASY FIX TERMINATION 100mm	£ 22.00
DV900005	WD100	£ 8.00
DV900062	Wall Kit SLWK (SL150)	£ 16.00

Accessories - Controllers and Sensors

DV900014	Controller- XIC1 (Xplus 2 AC)	£ 58.00
DV900015	Controller-3 speed switch	£ 58.00
DV900016	Controller-COS 2 speed Switch	£ 19.00
DV900017	Controller-EC6H GX/PX/RX/WX 9/12	£ 108.00
DV900018	Controller-FR22/30 G/P/R/WX 9/12	£ 66.00
DV900019	Controller-Man. Override SwitchMOS	£ 20.00
DV900021	Controller-XCC1 GX/PX/RX/WX 9/12	£ 88.00
DV900052	Sensor-AQS Air Quality	£ 45.00
DV900053	Sensor-Passive Infrared XPIRA	£ 73.00
DV900054	Sensor-Remote Humidistat XRH	£ 62.00

Application Key

	Bathroom & Showers
	Kitchens
	Home Systems
	Commercial Ventilation

Precise Air Management

Fläkt Woods is a global leader in air management. We specialise in the design and manufacture of a wide range of air climate and air movement solutions. And our collective experience is unrivalled.

Our constant aim is to provide systems that precisely deliver required function and performance, as well as maximise energy efficiency.

Solutions for all your air climate and air movement needs

Fläkt Woods is the only company in the UK capable of providing total system solutions from the following portfolio:

● Fans

Advanced axial, centrifugal and boxed fans for general and specialist applications. Comprehensive range including high temperature and ATEX compliant options. Engineered for energy efficiency and minimised life cycle cost.

● Air Handling Units (AHUs)

Modular, compact and small AHU units. Designed to ensure optimisation of indoor air quality, operational performance and service life.

● Chillers

Air-cooled and water-cooled chillers with cooling capacity up to 1800kW. Designed to minimise annual energy consumption in all types of buildings.

● Chilled Beams

Active induction beams for ventilation, cooling and heating, and passive convection beams for cooling. For suspended or flush-mounted ceiling installation – and multi-service configuration. With unique Comfort Control and Flow Pattern Control features.

● Smoke control and car park ventilation systems

Unique approach to car park ventilation, aided and optimised by Computational Fluid Dynamics (CFD) software. Complete turnkey solutions for designing, installing and commissioning mechanical and natural smoke ventilation.

● Controls and drives

Variable speed drives and control systems, all tested to ensure total compatibility with our products. Specialist team can advise on energy saving and overall system integration.

● Technical Site Services

Our dedicated team providing comprehensive post-installation services. Including condition-based contract monitoring, preventative and routine maintenance, refurbishment and system upgrades.

Fläkt Woods Limited

Axial Way, Colchester, Essex, CO4 5ZD
Tel 01206 222 555 Fax 01206 222 777

email express.uk@flaktwoods.com www.flaktwoods.com/express
See global website for international sales offices www.flaktwoods.com

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FläktWoods

*Working
Together*

