

# Ventilation Guide

Innovation in ventilation



## Ventilation matters: the Xpelair approach

Part of Redring Xpelair Group, Xpelair is one of the most recognised ventilation brands in the world. By ensuring that the air we breathe is clean, fresh and healthy, our innovative and energy-efficient air quality and air comfort solutions are improving population health and well-being.

Indoor air quality has become a growing concern over recent years.

Radical changes in the design and construction methods of domestic buildings over the past two decades mean that our homes are better sealed and insulated. While they might be warmer and more energy efficient, they are unable to breathe naturally. This isn't just bad for the building; it can be bad for our health too. This lack of ventilation means that the level of pollutants in indoor air often exceeds those found in outdoor air.

Research estimates that our air quality is two to five times worse indoors than out<sup>1</sup>.

An independent indoor air quality study looked at the concentration of total volatile organic compounds (TVOC) – that is, allergens, irritants and toxic substances – in more than 120 UK homes. It found that only 9% of homes fell into the 'normal' bracket; the remaining 91% had above the recommended TVOC concentrations<sup>2</sup>.

What causes such high levels of TVOCs?

Cooking and heating appliances, paints, solvents, carpets, furniture, cleaning products, electrical appliances, toiletries and even pets all release VOCs into the air. They are also naturally occurring in mould, which itself is one of the key factors associated with poor indoor air quality.



**“The air circulating inside our homes may contain more than 900 chemicals, particles and biological materials, all with potential health effects.”**

On top of this, outdoor contaminants from traffic and industry can enter buildings through ventilation systems. Although strict legislation, technological advances and economic change mean emissions from industrial sources have decreased, outdoor air pollution remains a problem.

What does this mean for our health?

Exposure to this potent mix of airborne pollutants within the home as a result of poor ventilation is being termed 'Toxic Home Syndrome'. These microscopic particles are invisible to the naked eye. But, if we breathe them in, they can cluster on the lining of our lungs – and this can have a major influence on our health, comfort and well-being.

**81% of people are at risk of suffering from a respiratory or dermatological condition because of poor air quality inside their home<sup>3</sup>.**

Given that people in Europe spend at least 90% of their time indoors<sup>3</sup>, there is a very real need to take action.

**The key to a healthy home is effective household ventilation.**

We're the global leader in the development and manufacture of ventilation products. We have earned an enviable reputation in world-class domestic ventilation over the last 55 years. Distributed in more than 80 countries, every one of our 300+ products is recognised for **ease of installation, reliable performance and pioneering design**. We continue to use our considerable experience and expertise as a springboard for ongoing innovation.



Dust – PM2.5



VOCs



Bacteria & Viruses



Allergens



Positive Ions



Odours



Humidity



Inorganic Compounds



Mould & Fungi

<sup>1</sup> <http://www.who.int/mediacentre/factsheets/fs292/en/>

<sup>2</sup> Prism & Waverton Analytics (2013) IAQ Home Study

<sup>3</sup> <http://www.myhealthmyhome.com/>

## Product Features At A Glance

To simplify the amount of information displayed in this guide, we've created a series of icons, which can easily be referenced to find out any extra detail about the products that isn't contained on the page.



### Simply Silent™

Near-silent running minimises disturbance.



### So Simple Maintenance

Fans require minimal maintenance once installed.



### Automatic Speed Options

Denotes the number of speed settings of a fan.



### Heating / Cooling

Products can provide heating or cooling functions for year-round comfort.



### Electronic Backdraught Shutter

Fans with in-built backdraught shutter have additional protection from external noise ingress and draught.



### So Simple Installation

A range of smart and innovative features enables a quick, simple and hassle-free installation.



### IP Rating

Indicates the ingress protection of a fan. First figure denotes dust ingress; second figure denotes moisture ingress.



### Adjustable Speed Options



### RF Control

Products with this feature can be controlled remotely using a wireless RF remote control.



### Sleek Design

Indicates that a product has innovative design features.



### In-Shower Fan

These fans have been purpose-designed to supply everything required for a safe in-shower installation.



### Install From Inside

These products can be installed entirely from the inside.



### Part F Approved For Bathrooms

The performance of these fans make them suitable for installation in a bathroom/washroom environment.



### CE

All our products are CE approved.



### MEV

Mechanical Extract Ventilation: system extracts stale, moist air continuously from wet rooms to create a healthy, indoor environment.



### Filter

Indicates that a products has an in-built filter to improve air quality.



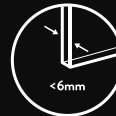
### 3-Mode Shutter

Fans with this feature have varying shutter modes for ideal airflow.



### Lumens Figure

Denotes the intensity of the light emitted from fans with an integrated light.



### Glazing Thickeners

Denotes the minimum and maximum window thickness that window fans can be mounted on.



### Part F Approved For Kitchens

The performance of these fans make them suitable for installation in a kitchen environment.



### MVHR



### SAP Appendix Q Listed

These products are SAP Appendix Q listed.

## Product Features At A Glance (continued)



### PIV

Positive Input Ventilation delivers a continuous supply of fresh, dry air into the home and forces old, moisture-laden air out through natural leakage points.



### AC/EC/DC Motor

Indicates whether a system uses an alternating current (AC), direct current (DC) or electrically commutated (EC) motor.



### Passivhaus

Passivhaus standard buildings provide a high level of occupant comfort, while using very little energy for heating and cooling.



### Wetrooms

Denotes the number of wet rooms that may be configured with this model.



### Warranty

Denotes the warranty period of the fan from the date of purchase.

## Domestic Ventilation Solutions<sup>1</sup>

<b>VX100/VX120</b> .....10	<b>GX6 &amp; GXC6</b> .....42
4"/100mm and 5"/120mm axial extract fans	High performance extract fans
<b>Simply Silent™ DX100 &amp; DX100B</b> .....12	<b>GX6 EC3 &amp; GX6 EC3 RF</b> .....44
4"/100mm axial extract fans	High performance extract fans with EC motors
<b>Simply Silent™ LV100</b> .....14	
4"/100mm SELV axial extract fans	
<b>Simply Silent™ Contour C4</b> .....16	
4"/100mm near-silent axial extract fans	
<b>Simply Silent Contour CV4</b> .....18	
4"/100mm near-silent constant volume axial extract fans	
<b>Premier DX200 &amp; CF20</b> .....20	
Centrifugal extract and condensation control fans	
<b>Premier LVDX200T &amp; LVCF20</b> .....22	
SELV centrifugal extract and condensation control fans	
<b>Premier DC2 &amp; DC3</b> .....24	
Long-life, energy-saving dMEV centrifugal fans	
<b>Simply Silent™ Shower Fans</b> .....26	
4"/100mm near-silent axial extract fan and installation kit	
<b>XIL &amp; XXS</b> .....28	
Inline axial extract fan systems for shower cubicles	
<b>XIMX</b> .....30	
Inline mixed flow extract fans for domestic ducted applications	
<b>VX150</b> .....32	
6"/150mm axial extract fans	
<b>Simply Silent™ DX150</b> .....34	
6"/150mm axial extract fan range	
<b>Simply Silent™ GX150</b> .....36	
6"/150mm axial extract fan designed for window installation from the inside	
<b>Simply Silent™ Contour C6</b> .....38	
6"/150mm axial extract fans	
<b>Simply Silent™ G6</b> .....40	
6"/150mm axial extract fans designed for window installation from the inside	
	<b>Commercial Ventilation Solutions<sup>2</sup></b>
	<b>CX10 &amp; CMF</b> .....48
	Commercial ceiling-mounted fans
	<b>GX9 &amp; GX12</b> .....50
	Commercial AC window fans
	<b>GX9/12 EC3 &amp; EC3 RF</b> .....52
	Commercial long-life, low-energy axial fans
	<b>PX6, PX9 &amp; PX12</b> .....54
	Commercial panel fans
	<b>RX6, RX9 &amp; RX12</b> .....56
	Commercial roof fans
	<b>WX6, WX9 &amp; WX12</b> .....58
	Commercial wall fans with 'safe lock' metal telescopic wall liner
	<b>WX6, WX9 &amp; WX12</b> .....60
	Commercial wall fans with corrugated plastic wall liner
	<b>Whispair</b> .....62
	Commercial ceiling sweep fans
	<b>XID</b> .....64
	Centrifugal metal inline fans
	<b>XIDP</b> .....66
	Centrifugal plastic inline fans
	<b>XSD<sup>6</sup></b> .....68
	Single EC box fans
	<b>Systems Ventilation Solutions<sup>3</sup></b>
	<b>Xplus 2 AC</b> .....72
	Multi-point domestic and commercial ventilation unit
	<b>Xplus 2 EC &amp; EC RF</b> .....74
	Low-energy, multi-point domestic and commercial ventilation unit

## Systems Ventilation Solutions<sup>3</sup> continued

**Xcell 150QVWSB** ..... 76  
Mechanical ventilation with heat recovery

**Xcell 300QVI** ..... 78  
Mechanical ventilation with heat recovery

**Xcell 400QVI** ..... 80  
Mechanical ventilation with heat recovery

**Xcell Stratum  
S120Q, S155QVI & S275QVI** ..... 82  
Compact, lightweight, low-profile horizontal  
heat recovery unit

**Muro XHRM** ..... 84  
Through-the-wall single room heat recovery unit

**Solitair SRHRV** ..... 86  
Through-the-wall single room heat recovery unit

**EverDri XEL & XEW** ..... 88  
Long-life positive pressure ventilation units

## Air Comfort Ventilation Solutions<sup>4</sup>

**Digitemp WA & WHP** ..... 92  
Comfort air conditioning and heating units

**WH30, WH60 & WHP30** ..... 94  
Commercial wall-mounted fan heaters

**DCH3000A** ..... 96  
Commercial wall-mounted fan heaters

## Air Purification<sup>5</sup>

**PureLife Infant Air Purifier** ..... 100  
Compact air purifier for use in rooms up to 14m<sup>2</sup>

**PureLife Family Air Purifier** ..... 102  
Air purifier for use in rooms up to 16m<sup>2</sup>

## Ancillaries<sup>6</sup>

**Sensors, Switches & Controllers** ..... 106 – 109  
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## Domestic Ventilation Solutions

Models	Ventilation Type	Axial	Centrifugal	Mixed Flow	Page Number
VX100/VX120	4"/100mm and 5"/120mm axial extract fans	✓			10
Simply Silent™ DX100 & DX100B	4"/100mm axial extract fans	✓			12
Simply Silent™ LV100	SELV 4"/100mm axial extract fans	✓			14
Simply Silent™ Contour C4	4"/100mm near-silent axial extract fans	✓			16
Simply Silent™ Contour CV4	4"/100mm near-silent constant volume axial extract fans	✓			18
Premier DX200 & CF20	Centrifugal extract and condensation control fans		✓		20
Premier LVDX200T & LVCF20	SELV centrifugal extract fans		✓		22
Premier DC2 & DC3	Long-life, energy-saving dMEV centrifugal fans		✓		24
Simply Silent™ Shower Fans	4"/100mm near-silent axial extract fans	✓			26
XIL & XXS	Inline axial extract fan systems for shower cubicles	✓			28
XIMX	Inline mixed flow extract fans for domestic ducted applications			✓	30
VX150	6"/150mm axial extract fans	✓			32
Simply Silent™ DX150	6"/150mm axial extract fans	✓			34
Simply Silent™ GX150	6"/150mm axial extract fans with window-fitting kit	✓			36
Simply Silent™ Contour C6	6"/150mm axial extract fans	✓			38
Simply Silent™ G6	6"/150mm axial extract fans with window-fitting kit	✓			40
GX6 & GXC6	6"/150mm AC axial extract fans	✓			42
GX6 EC3 & GX6 EC3 RF	6"/150mm EC long-life, low-energy axial fans	✓			44

<sup>1</sup> Discount Group V01 applies

<sup>2</sup> Discount Group V02 applies

<sup>3</sup> Discount Group V03 applies

<sup>4</sup> Discount Group V04 applies

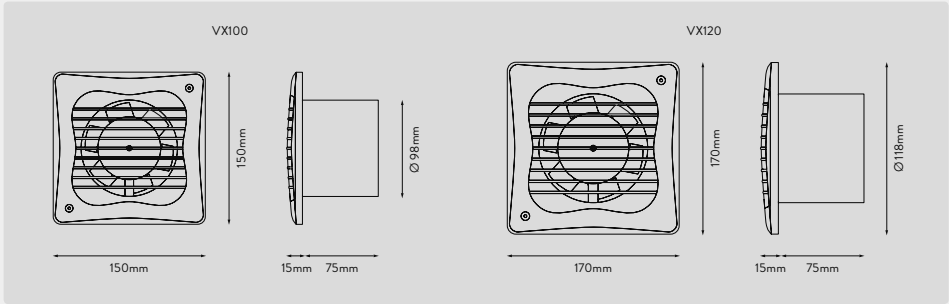
<sup>5</sup> Discount Group V05 applies

<sup>6</sup> Discount Group V06 applies

# VX100 & VX120 4"/100mm and 5"/120mm axial extract fans

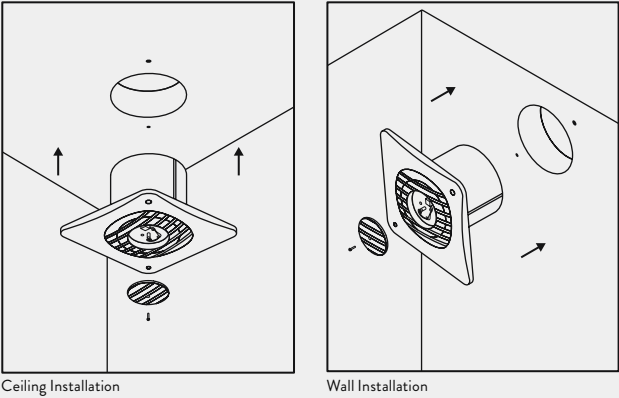


A range of easy to install single speed extract fans. Suitable for a wide range of applications including bathrooms, shower rooms and toilets including zones 1 and 2. VX120 also suitable for utility rooms. Suitable for wall and ceiling fitting, both VX100 and VX120 are available in standard and timer variants.



Product Features	VX100	VX100T	VX120	VX120T
Reference Number	93224AW	93225AW	93228AW	93229AW
Trade Price	£11.66	£13.74	£16.66	£19.16
Timer (adjustable from 30s – 30mins)		✓		✓
20l/s	✓	✓		
38l/s			✓	✓

Product Selector	VX100	VX100T	VX120	VX120T
Reference Number	93224AW	93225AW	93228AW	93229AW
Extract Performance (l/s)	20	20	38	38
Extract Performance (m³/h)	73	73	137	137
Electrical Power Rating (W)	16	16	23	23
Specific Fan Power (SFP) (W/l/s)	0.78	0.78	0.61	0.61
IP Rating	IPX4	IPX4	IPX4	IPX4
Integral Timer		✓		✓
Motor Type	AC	AC	AC	AC



## Simply Silent™ DX100 & DX100B

### 4"/100mm axial extract fans

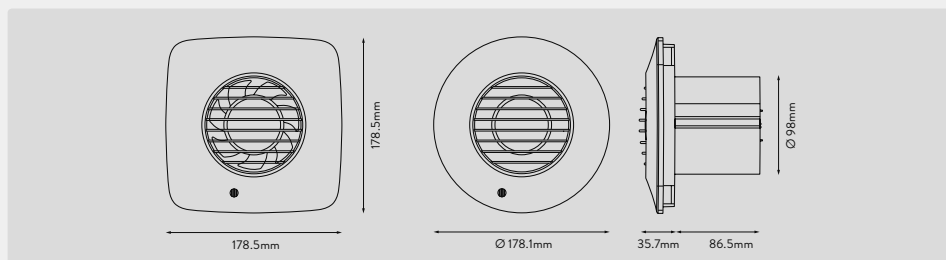


The Simply Silent™ DX100 intermittent extract fan range is designed for those looking for something conventional, with a modern twist. Just like the entire Simply Silent™ family, these fans control humidity, odours and mould growth effectively in bathrooms, shower rooms, cloakrooms, toilets and kitchens. But the Simply Silent™ DX range features a more conventional grille-style fascia, finished in cool white and available in either round or square. The DX100 range has two speeds, selectable at install, and features a wall-fitting kit.

#### Wall Kit Includes\*



\*\*With kit\* models only.

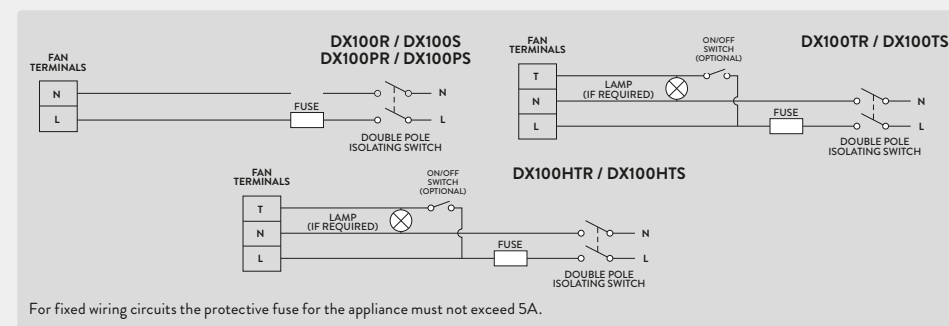
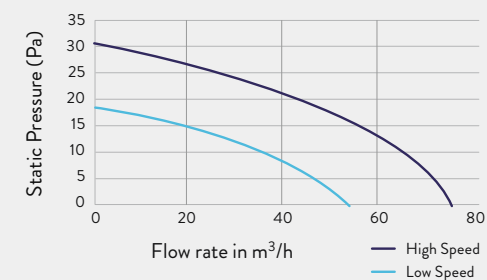


	Models	Trade Price	Design	Standard	Timer (adjustable from 30s – 30mins)	Pullcord	Humidistat (50-90% RH)	PIR	Wall Fitting Kit Supplied
With Kit	DX100S	93025AW	£29.16	■	✓				✓
	DX100TS	93026AW	£33.33	■		✓			✓
	DX100PS	93027AW	£33.33	■		✓			✓
	DX100HTS	93028AW	£62.49	■	✓		✓		✓
	DX100HPTS	93029AW	£70.83	■	✓	✓	✓		✓
	DX100PIRS	93030AW	£58.33	■				✓	✓
	DX100R	93005AW	£29.16	●	✓				✓
	DX100TR	93006AW	£33.33	●	✓				✓
	DX100PR	93007AW	£33.33	●		✓			✓
	DX100HTR	93008AW	£62.49	●	✓		✓		✓
	DX100HPTR	93009AW	£70.83	●	✓	✓	✓		✓
	DX100PIRR	93010AW	£58.33	●				✓	✓
	DX100BS	93017AW	£20.83	■	✓				
	DX100BTS	93018AW	£24.99	■	✓				
	DX100BPS	93002AW	£24.99	■		✓			
	DX100BHTS	93019AW	£54.16	■	✓		✓		
	DX100BHPTS	93020AW	£62.49	■	✓	✓	✓		
	DX100BR	92997AW	£20.83	●	✓				
	DX100BTR	92998AW	£24.99	●	✓				
	DX100BPR	93001AW	£24.99	●		✓			
	DX100BHTR	92999AW	£54.16	●	✓		✓		
	DX100BHPTTR	93000AW	£62.49	●	✓	✓	✓		

Product Selector	DX100	DX100B
Speeds	2	2
Extract Performance (l/s)	15/21	15/21
Extract Performance (m³/h)	53/74	53/74
Electrical Power Rating (W)	6/6.7	6/6.7
Specific Fan Power (W/l/s)	0.41/0.33	0.41/0.33
Sound Pressure Level (dBA@3m)	22/34	22/34
IP Rating	IPX4	IPX4
Motor Type	AC	AC

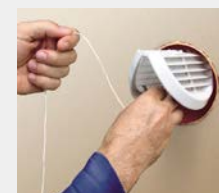
Low Speed	
Static Pressure (Pa)	Flow rate in m³/h
0	52.31
1.5	49.51
3.2	46.69
4.8	43.69
7.2	40.46
8.9	37.15
10.4	33.51
11.7	28.92
12.4	24.05
13.4	17.06
17.8	0.00

High Speed	
Static Pressure (Pa)	Flow rate in m³/h
0	73.77
4.6	69.33
8.2	65.14
11.6	60.88
14.6	55.81
16.4	50.08
16.8	44.24
16.7	38.43
16.8	31.79
17.8	22.38
30	0.00



#### ANCILLARIES

We recommend the Simply Silent™ 100mm Easy Fit Wall Kit to allow fuss-free fitting from the inside. See page 118 for further information.



Fold the outer grille.



Push through the wall tube.



Open up the outer grille.



Pull back on the string to secure to the outside wall.

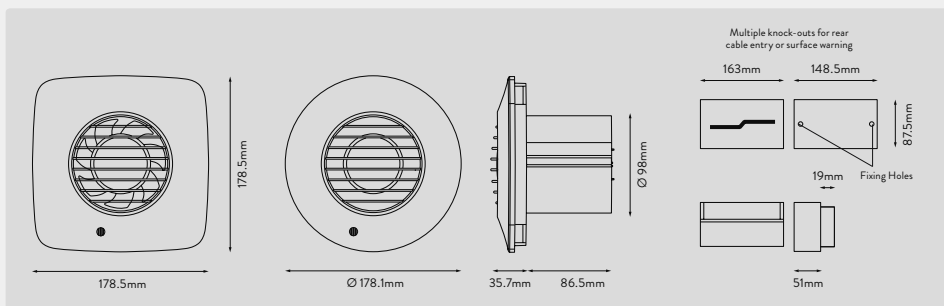


## Simply Silent™ LV100

4"/100mm SELV axial extract fans complete with wall-fitting kit

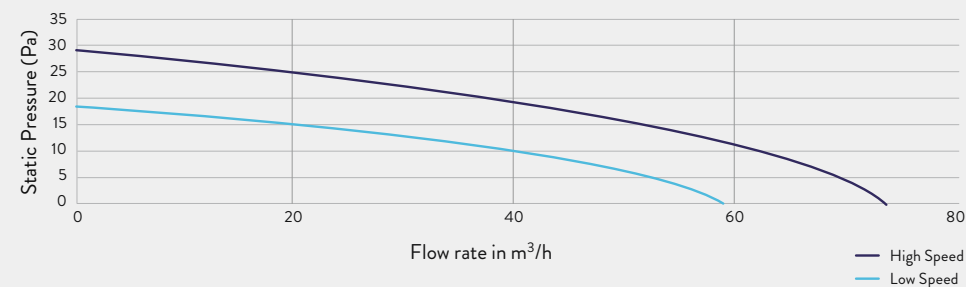


The Simply Silent™ LV100 (Low Volt) models are designed specifically for safe installation directly in or over the splash area zone 1, offering complete peace of mind. These models are supplied with a 12V SELV transformer, positioned out of reach of any person using the bath or shower. The LV100 range has two speeds, selectable at install.



With Kit	Models		Trade Price	Design	Standard	Timer (Adjustable 30s - 30mins)	Pullcord	Humidistat (50-90% RH)	PIR
	LV100S	93031AW	£66.66	■	✓				
	LV100TS	93032AW	£70.83	■		✓			
	LV100PS	93033AW	£70.83	■			✓		
	LV100HTS	93034AW	£99.99	■		✓		✓	
	LV100HPTS	93035AW	£108.33	■		✓	✓	✓	
	LV100PIRS	93036AW	£95.83	■					✓
	LV100R	93011AW	£66.66	●	✓				
	LV100TR	93012AW	£70.83	●		✓			
	LV100PR	93013AW	£70.83	●			✓		
	LV100HTR	93014AW	£99.99	●		✓		✓	
	LV100HPTR	93015AW	£108.33	●		✓	✓	✓	
	LV100PIRR	93016AW	£95.83	●					✓

Product Selector	LV100
Speeds	2
Extract Performance (l/s)	16/21
Extract Performance (m³/h)	58/74
Electrical Power Rating (W)	5.5/11.8
Specific Fan Power (W/l/s)	0.34/0.58
Sound Pressure Level (dBA@3m)	22/34
IP Rating	IPX4
Motor Type	AC



Low Speed											
Static Pressure (Pa)	0	1.8	4.6	5.7	7.4	8.3	10.0	10.8	11.5	11.9	13.1
Flow Rate in m³/h	57.60	54.79	51.12	48.22	45.14	41.84	38.05	34.06	29.52	24.14	17.12

High Speed											
Static Pressure (Pa)	0	3.4	7.2	10.8	13.3	15.6	16.2	16.3	16.2	16.5	28.6
Flow Rate in m³/h	73.71	70.00	65.76	61.23	56.34	50.98	44.99	38.43	32.76	23.22	0.00

### ANCILLARIES

We recommend the Simply Silent™ 100mm Easy Fit Wall Kit to allow fuss-free fitting from the inside. See page 118 for further information.



Fold the outer grille.



Push through the wall tube.



Open up the outer grille.



Pull back on the string to secure to the outside wall.



## Simply Silent™ Contour C4

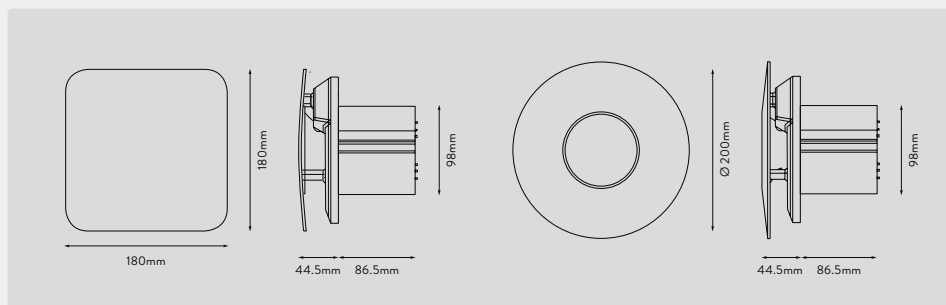
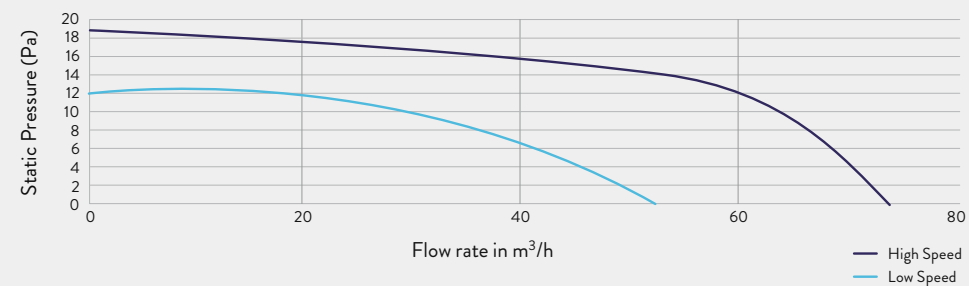
### 4"/100mm near-silent axial extract fans



The Simply Silent™ Contour range effectively eliminates humidity, condensation and odour to improve air quality in bathrooms, shower rooms, cloakrooms and toilets. They use advanced Ghost™ Air Movement Technology to deliver near-silent running. Suitable for wall, ceiling, panel and window fitting. The C4 range has two speeds, selectable at install.

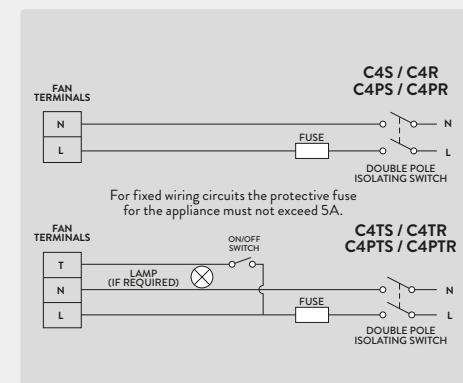


Product Selector	Contour C4
Speeds	2
Extract Performance (l/s)	15/21
Extract Performance (m³/h)	54/76
Electrical Power Rating (W)	6.3/7
Specific Fan Power (W/l/s)	0.42/0.33
Sound Pressure Level (dBA@3m)	15/29
IP Rating	IPX4
Motor Type	AC



Product Features	C4S	C4TS	C4PS	C4HTS	C4R	C4TR	C4PR	C4HTR
Reference Number	92960AW	92962AW	92964AW	92966AW	92961AW	92963AW	92965AW	92967AW
Trade Price	£37.49	£41.66	£41.66	£70.83	£37.49	£41.66	£41.66	£70.83
Design	■	■	■	■	●	●	●	●
Standard	✓				✓			
Timer (adjustable 30s – 30m)		✓		✓		✓		✓
Pullcord			✓				✓	
Humidistat (50-90% RH)				✓				✓
Backdraught Shutter	✓	✓	✓	✓	✓	✓	✓	✓

Low Speed		High Speed	
Static Pressure (Pa)	Flow rate in m³/h	Static Pressure (Pa)	Flow rate in m³/h
0	51.79	0	73.57
1.5	49.25	2.8	71.30
2.2	47.47	5.8	67.70
3.7	44.84	9.2	63.34
5.4	41.87	12.3	58.65
7.4	37.93	14.3	53.56
8.6	33.95	15.4	47.93
9.8	29.43	15.6	41.53
11.6	24.06	15.8	33.95
12.6	17.07	17.0	24.06
11.8	0.00	18.8	0.00



#### ANCILLARIES

We recommend the Simply Silent 100mm Easy Fit Wall Kit to allow fuss-free fitting from the inside. See page 118 for further information.



Fold the outer grille.



Push through the wall tube.



Open up the outer grille.



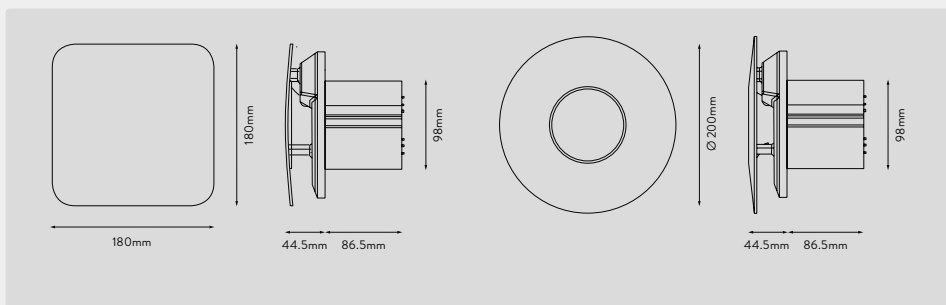
Pull back on the string to secure to the outside wall.

## Simply Silent™ Contour CV4

### 4"/100mm near-silent constant volume axial extract fans

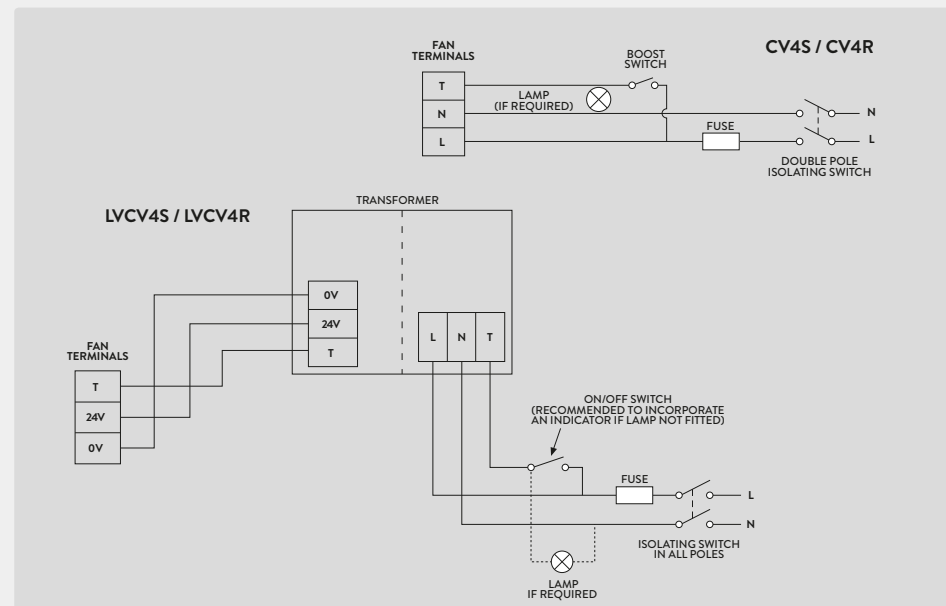
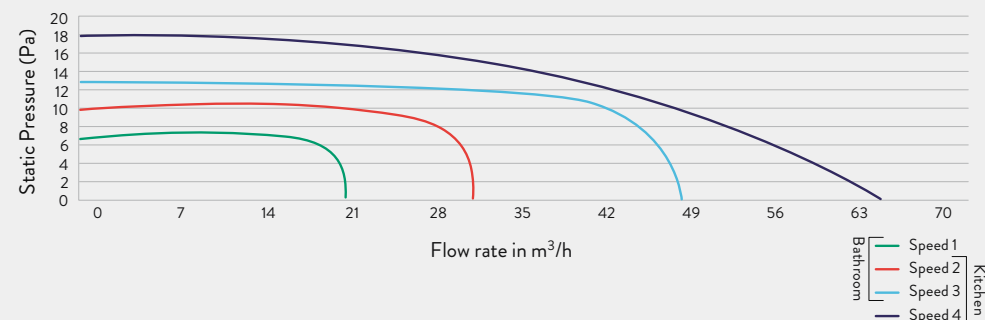


The Simply Silent™ Contour CV range has been designed to offer exceptionally low noise levels, while delivering a constant volume of extracted air to eliminate humidity, condensation and mould growth in bathrooms, shower rooms, cloakrooms, toilets and kitchens. These fans feature Xpelair's Intelligent Adaptiflow™ Sensing to deliver constant volume performance through a unique sensor housed within the duct. This sensor calculates and records the airflow of the fan and adapts the fan speed intuitively in accordance with changes in airflow to maintain the required setting. The Contour CV has selectable bathroom and kitchen airflow, with three speeds in each mode.



Product Features	CV4S	CV4R	LVCV4S	LVCV4R
Reference Number	92968AW	92969AW	92970AW	92971AW
Trade Price	£119.00	£119.00	£139.00	£139.00
Design	■	●	■	●
SELV Transformer			✓	✓
Datalogger	✓	✓	✓	✓
Intelligent Adaptiflow™ Sensing	✓	✓	✓	✓
Timer (adjustable 30s – 30mins)	✓	✓	✓	✓
Humidistat (50 – 90% RH)	✓	✓	✓	✓
DC Motor	✓	✓	✓	✓

Product Selector	CV4		LVCV4	
	Bathroom	Kitchen	Bathroom	Kitchen
Speeds	3	3	3	3
Extract Performance (l/s)	5/8/18	8/13/18	5/8/18	8/13/18
Extract Performance (m³/h)	18/29/65	29/47/65	18/29/65	29/47/65
Electrical Power Rating (W)	1.6/1.9/2.9	1.9/2.3/2.9	2.0/2.3/3.7	2.3/3.1/3.7
Specific Fan Power (SFP) (W/l/s)	0.32/0.24/0.16	0.24/0.18/0.16	0.40/0.29/0.21	0.29/0.24/0.21
IP Rating	IPX4	IPX4	IPX5	IPX5
Sound Pressure Level (dBA@3M)	Max 28	Max 28	Max 28	Max 28
Motor Type	DC	DC	DC	DC



#### ANCILLARIES

We recommend the Simply Silent™ Wall Adaptor Kit which allows the Contour CV to be fitted into an existing 6"/150mm hole. See page 118 for further information.

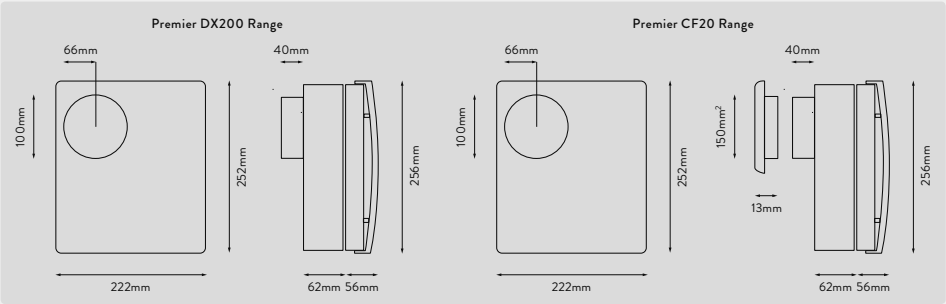
Domestic

## Premier DX200 & CF20

Centrifugal extract and condensation control fans

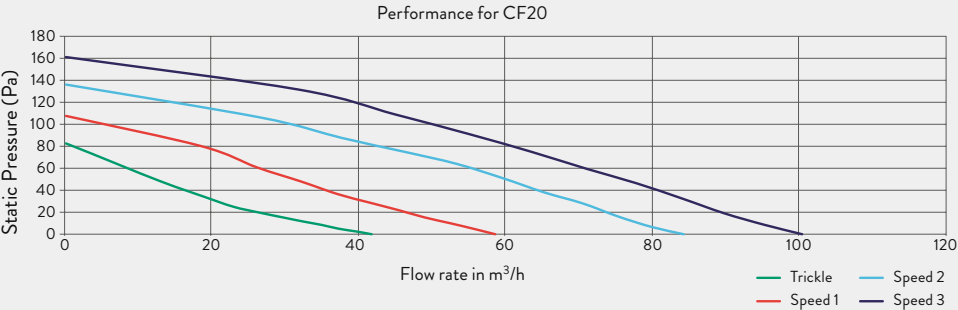
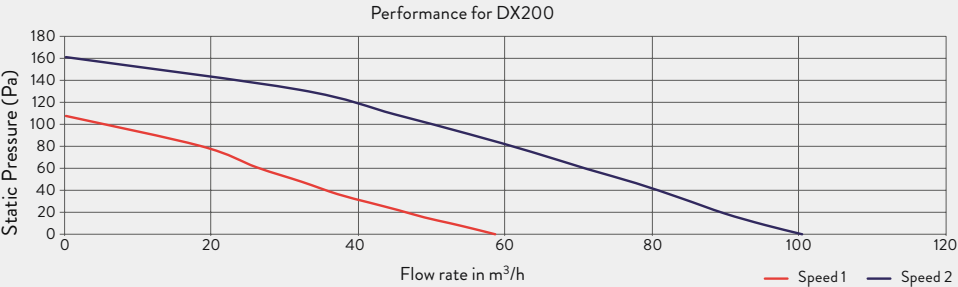


The Premier range of centrifugal fans is designed specifically for domestic applications including bathrooms, shower rooms, toilets and utility rooms where longer duct runs are required. All models have a gloss white casing with a clean and sleek appearance. A two-part casing means Premier fans can be recess or surface mounted.



Product Features	DX200	DX200T	CF20	CF20T
Product Codes	91013AW	91014AW	91015AW	91016AW
Trade Price	£62.73	£84.46	£136.67	£152.01
Condensation Control			✓	✓
Timer (adjustable 30s – 20m)		✓		✓
Pullcord (manual override)			✓	✓
Humidistat			✓	✓
Quick Visit Timer Delay (2mins)				✓
Room Size Selector			✓	✓

Product Selector		DX200	DX200T	CF20	CF20T
Product Codes		91013AW	91014AW	91015AW	91016AW
Speeds		2	4	4	4
Trickle Ventilation Facility			✓	✓	✓
Boost Ventilation Facility				✓	✓
Electrical Power Rating (W)		14/27	11/14/19/27	11/14/19/27	11/14/19/27
IP Rating		IPX5	IPX5	IPX5	IPX5
Weight (kg)		2.2	2.2	2.2	2.2
UK Guarantee (years)		2	2	2	2
Extract Performance (m³/h)	speed 3 speed 2 speed 1 trickle	• 100 59 •	100 84 59 42	100 84 59 42	100 84 59 42
Extract Performance (l/s)	speed 3 speed 2 speed 1 trickle	• 28 17 •	28 24 17 10	28 24 17 10	28 24 17 10
Sound Pressure (dBA@3m)	speed 3 speed 2 speed 1 trickle	• 42 28 •	42 37 20 20	42 37 20 20	42 37 20 20

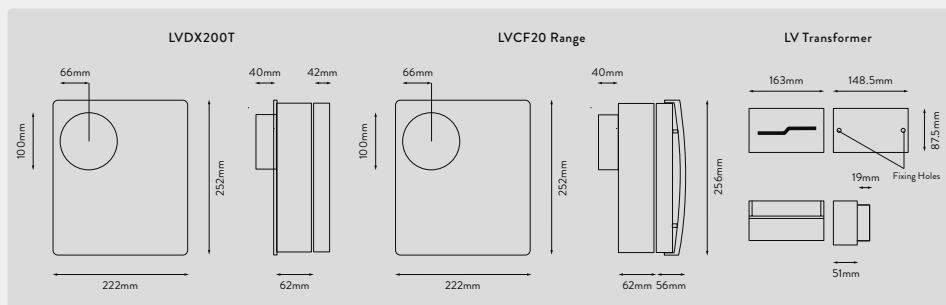


## Premier LVDX200T & LVCF20

### Safety Extra Low Voltage centrifugal extract and condensation control fans

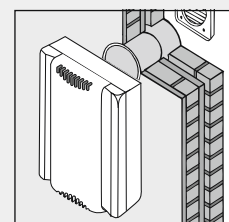


The Safety Extra Low Voltage (SELV) versions of the Premier DX200 and CF20 pressure developing centrifugal fans are ideal for use in shower rooms, bathrooms with showers and other zone 1 and zone 2 wet areas. The SELV system consists of a 12V fan unit which can be safely installed in the spray area of a bath or shower, with the transformer located outside the spray area. Premier SELV fans have the same clean and sleek styling as the rest of the Premier range, with a white gloss body and fascia. They are designed for easy installation in walls, ceilings, windows or ducted installation at any angle and can be surface or recess mounted.



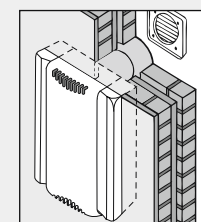
Product Features	LVDX200T	LVCF20	LVCF20T
Reference Number	91040AW	91041AW	91042AW
Trade Price	£111.00	£167.37	£182.72
Condensation Control		✓	✓
Timer (30s – 30mins)	✓		✓
Pullcord (manual override)		✓	✓
Humidistat (50 – 90% RH)		✓	✓
SELV Transformer	✓	✓	✓
Quick Visit Timer Delay	✓		✓
Room Size Selector		✓	✓
Automatic Air Operated Backdraught Shutter	✓	✓	✓
External Grille Included		✓	✓

Product Selector		LVDX200T	LVCF20	LVCF20T
Reference Number		91040AW	91041AW	91042AW
Speeds		2	4	4
Trickle Ventilation Facility			✓	✓
Electrical Power Rating (W)		17/22	10/17/22/28	10/17/22/28
Boost Ventilation Facility			✓	✓
IP Rating		IPX5	IPX5	IPX5
Weight (kg)		3.35	3.35	3.35
UK Guarantee (years)		2	2	2
Extract Performance (fid, m³/h)	speed 3 speed 2 speed 1 trickle	• 99 52 •	91 75 52 33	91 75 52 33
Extract Performance (fid, l/s)	speed 3 speed 2 speed 1 trickle	• 26 15 •	26 21 15 10	26 21 15 10
Sound Pressure (dBA@3m)	speed 3 speed 2 speed 1 trickle	• 41.8 29.4 •	39.2 35.5 29.4 21.7	39.2 35.5 29.4 21.7

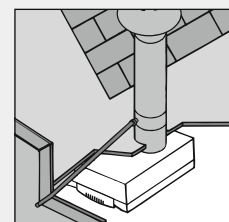


Wall Mounting

Hole diameter: 115mm  
Ducting size: 100mm

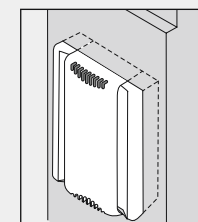


Ducted Applications



Ceiling Mounting

Hole diameter: 115mm  
Ducting size: 100mm



Ventilation Shaft Mounting

Hole diameter: 115mm  
Ducting size: 100mm

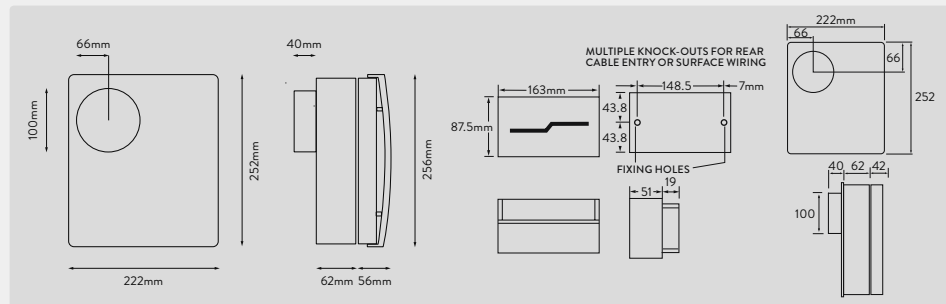
## Premier DC2 & DC3

Long-life, energy-saving dMEV centrifugal fans



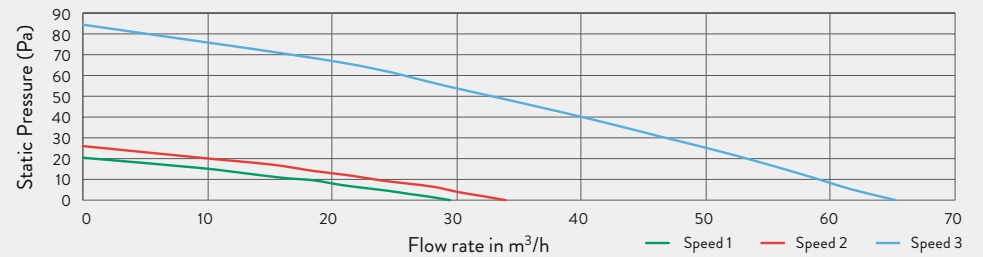
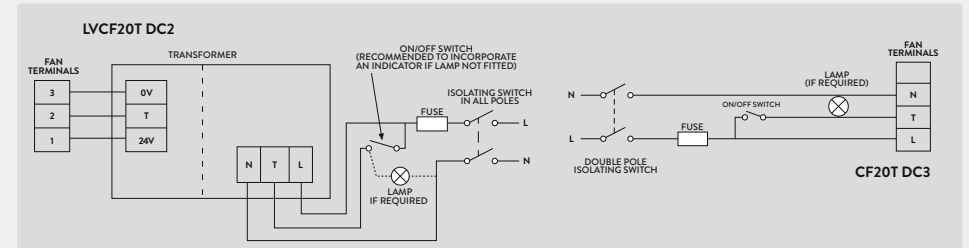
Premier Ultra DC fans offer substantial energy savings over equivalent AC motor extract fans. Utilising long-life, low-energy use DC motor technology, they give lower whole life cost and help reduce carbon impact on the environment. Both Premier DC2 and DC3 fans are multi-speed and have active response humidity control.

The Premier DC3 model has an integral power supply and so does not require connection to an external SELV transformer. The constant trickle feature of Premier DC units, when installed in every wet area of a property, achieves whole house system classification for compliance to current Building Regulations for either intermittent or continuous extract.



Product Features	LVCF20T DC2	CF20T DC3
Reference Number	92335AW	92576AW
Trade Price	£193.20	£202.86
Timer (adjustable)	✓	✓
Humidistat	✓	✓
Active Response Humidity Control	✓	✓
SELV Transformer	✓	
Integral Power Supply		✓
Quick Visit Timer Delay	✓	✓
Trickle Ventilation Facility	✓	✓

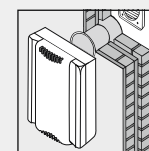
Product Selector	LVCF20T DC2	CF20T DC3
Reference Number	92335AW	92576AW
Extract Performance (m³/h)	29/34/65	29/34/65
Extract Performance (l/s)	8/10/18	8/10/18
Sound Pressure Level (dBA@3m)	20/20/32	20/20/32
Electrical Power Rating (W)	2.2/2.5/6	2.2/2.5/6
Specific Fan Power (maximum w/l/s)	0.27/0.26/0.33	0.27/0.26/0.33
IP Rating	IPX5	IPX5
Weight (kg)	1.8	1.8
Transformer	✓	
UK Guarantee (years)	5*	5*



Speed 1											
Static Pressure (Pa)	0	1.7	3	4.5	5.8	7.3	9.5	10.7	12.8	15.5	20.4
Flow Rate in m³/h	29.00	28.00	26.00	25.00	23.00	21.00	19.00	16.00	13.00	9.00	0.00

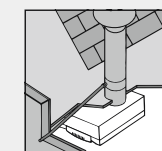
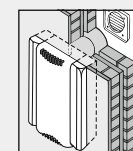
Speed 2											
Static Pressure (Pa)	0	2	3.8	6.3	7.9	9.5	11.9	14	17.1	19.6	26
Flow Rate in m³/h	34.00	32.00	30.00	28.00	26.00	24.00	21.00	19.00	15.00	11.00	0.00

Speed 3											
Static Pressure (Pa)	0	5.1	11.5	18	24.5	31	38.3	46	54.8	66.2	88.4
Flow Rate in m³/h	65.00	62.00	58.00	55.00	51.00	46.00	41.00	36.00	28.00	21.00	0.00



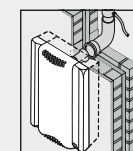
Wall Mounting

Hole diameter: 115mm  
Ducting size: 100mm

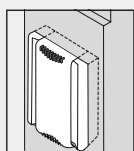


Ceiling Mounting

Hole diameter: 115mm  
Ducting size: 100mm



Ducted Applications



Ventilation Shaft Mounting

Hole diameter: 115mm  
Ducting size: 100mm

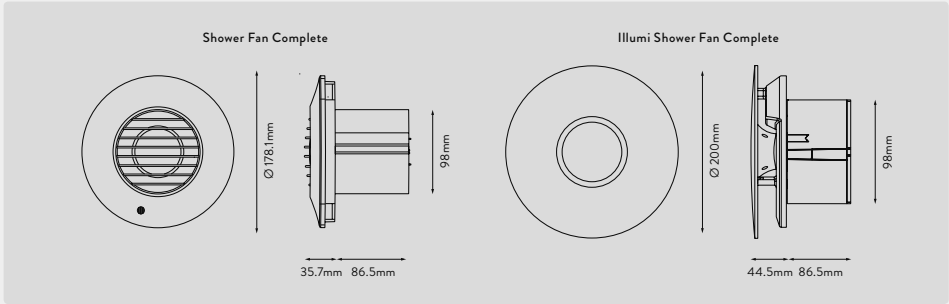
ANCILLARIES

See pages 106 – 121

Simply Silent™ Shower Fans  
4"/100mm near-silent axial extract fan and installation kit



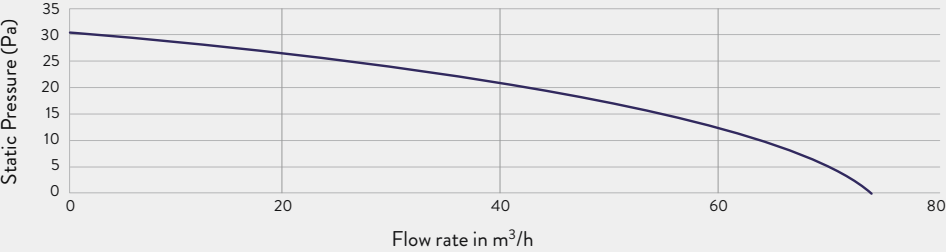
Combining low noise levels with high extraction power, Simply Silent™ Shower Fans are purpose-designed for in-shower installation. They carry out direct extraction right at the point of humidity for a steam-free bathroom environment. In fact, an installed Simply Silent™ Shower Fan achieves an 88% improved extraction rate over comparable in-line shower fans and meets building regulations at installed performance.



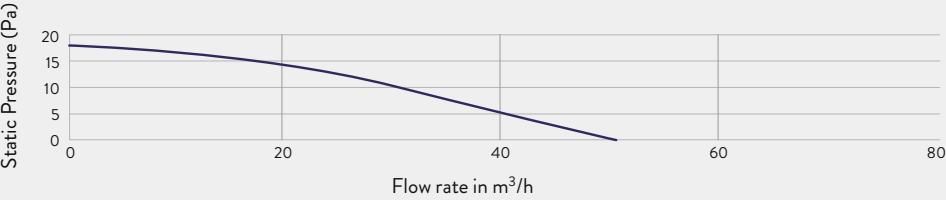
Product Features	Shower Fan Complete	Illumi Shower Fan Complete
Reference Number	93086AW	93087AW
Trade Price	£37.49	£83.33
Design	●	●
Timer	✓	✓
Grille Cover	✓	
Baffle Cover		✓
Integrated LED Light		✓
SELV Transformer		✓
Ceiling Fitting Kit Supplied	✓	✓

Product Selector	Shower Fan Complete	Illumi Shower Fan Complete
Reference Number	93086AW	93087AW
Speeds	1	1
Electrical Power Rating (W)	7.7	12.2 (Fan only) 15 (Fan & Light)
Extract Performance (l/s)	21 (15 installed)	21 (15 installed)
Extract Performance (m³/h)	76 (54 installed)	76 (54 installed)
Specific Fan Power (SFP) (W/l/s)	0.37	0.58
Sound Pressure Level (dBA@3m)	34	29
IP Rating	IPX4	IPX4
LED Type		Warm White
Lumens		207

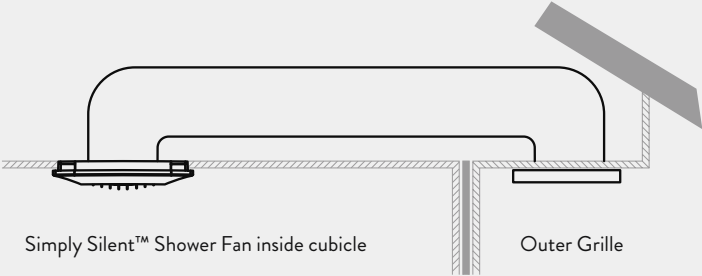
Shower fan + Illumi shower fan FID



Shower fan + Illumi fan installed (installed with 3m duct)



Shower Fan + Illumi Shower Fan (installed)	
Static Pressure (Pa)	Flow rate in m³/h
0	51.09
1.4	47.95
2.9	45.22
4.8	42.31
6	39.19
7.8	35.79
9	32.04
12.1	27.77
14	22.71
16.6	16.11
18.4	0.00

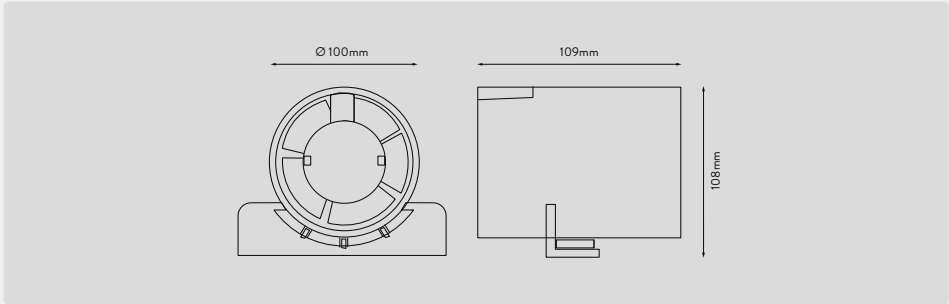


# XIL & XXS

## Inline axial extract fan systems for shower cubicles

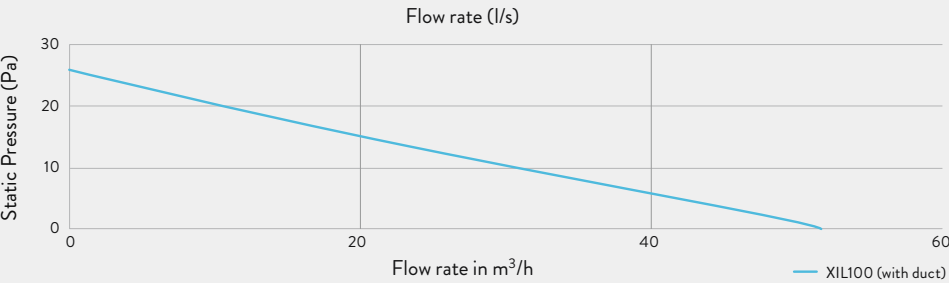


XIL100 fan systems contain all the components necessary for a normal installation. Including the inline fan, 3m of flexible duct, worm drive clips, inline backdraught shutter, internal white ceiling grille and outside soffit/wall grille. XXS100 fans are available on their own. Humid or moist air will be ducted away via a neat grille installed directly over the shower to the external grille outside, typically in the soffit.

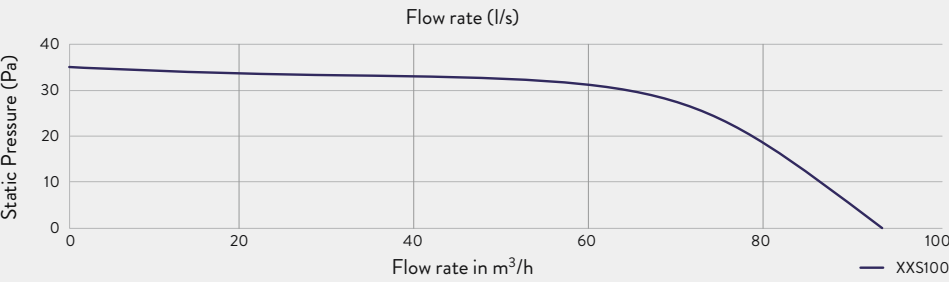


Product Features	XIL100	XIL100T	XXS100	XXS100T
Reference Number	90329AW	90330AW	90331AW	90332AW
Trade Price	£45.53	£53.12	£24.75	£32.73
Standard	✓		✓	
Timer (adjustable 2 – 20mins)		✓		✓
Shower Fan System Kits	✓	✓		
Fan Only			✓	✓

Product Selector	XIL100	XIL100T	XXS100	XXS100T
Reference Number	90329AW	90330AW	90331AW	90332AW
Electrical Power Rating (W)	29	29	29	29
Extract Performance (fid, m³/h)	93	93	93	93
Extract Performance (fid, l/s)	26	26	26	26
Sound Pressure Level (dBA@3m)	30	30	33	33
Duct Diameter (mm)	100	100	100	100
Hole Diameter (mm)	115	115	115	115
IP Rating	IPX2	IPX2	IPX2	IPX2
Weight (kg)	0.9	0.9	0.8	0.8
UK Guarantee (years)	2	2	1	1



Product	XIL100										
Static Pressure (Pa)	0	2	3.8	5.6	6.2	7.7	10.1	11.7	13	14.1	25.7
Flow Rate in m³/h	52.16	49.49	46.67	43.67	40.45	36.94	33.07	28.66	23.44	16.62	0.00



Product	XXS100									
Static Pressure (Pa)	0	8.8	15.5	20.3	27.2	32	33.5	33.8	32.5	34.5
Flow Rate in m³/h	93.24	87.28	82.35	77.09	71.43	65.28	58.48	50.74	41.56	0.00

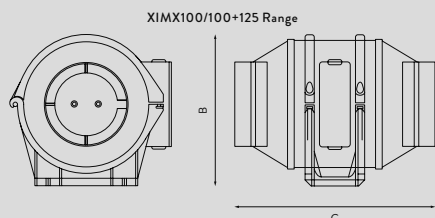


## XIMX

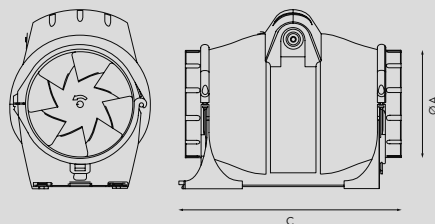
### Inline mixed flow extract fans for domestic ducted applications



Available in four sizes, the Xpelair XIMX range of plastic mixed flow inline units offers duties for a wide range of ducted applications. The timer models have an adjustable overrun timer of 2 – 30 minutes. All models come complete with a convenient mounting cradle which makes installation or subsequent inspection simple. Plus, the terminal box is easily accessible, simplifying the electrical connection.



XIMX100/100+125 Range



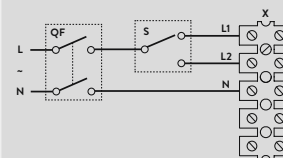
XIMX150/200 Range

Dimensions (mm)			
Model	ØA	B	C
XIMX100	96	190	246
XIMX100T	96	190	246
XIMX100+	97	226	302.5
XIMX100+T	97	226	302.5
XIMX125	123	190	246
XIMX150	146	250	295
XIMX150T	146	250	295
XIMX200	199	261	295.5

Product Features	XIMX100	XIMX100T	XIMX100+	XIMX100+T	XIMX125	XIMX150	XIMX150T	XIMX200
Reference Number	93078AW	93079AW	93080AW	93081AW	93082AW	93083AW	93084AW	93085AW
Trade Price	£72.20	£92.20	£145.30	£166.90	£166.90	£186.61	£205.51	£250.78
Standard	✓		✓		✓	✓		✓
Timer (adjustable 2 – 30mins)		✓		✓			✓	
Integral Mounting Cradle	✓	✓	✓	✓	✓	✓	✓	✓

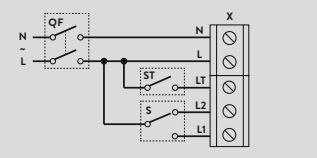
Product Selector	XIMX100	XIMX100T	XIMX100+	XIMX100+T	XIMX125	XIMX150	XIMX150T	XIMX200
Reference Number	93078AW	93079AW	93080AW	93081AW	93082AW	93083AW	93084AW	93085AW
Speeds	2	2	2	2	2	2	2	2
Extract Performance (m³/h)	187/145	187/145	245/180	245/180	280/220	520/405	520/405	1040/830
Extract Performance (l/s)	52/40	52/40	68/50	68/50	78/61	144/113	144/133	289/231
Sound Pressure (dBA@3m)	36/27	36/27	32/27	32/27	37/28	44/33	44/33	52/45
Adjustable Timer		2 – 30 mins		2 – 30 mins			2 – 30 mins	
Duct Size (mm)	100	100	100	100	125	150	150	200
IP Rating	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4

XIMX100+



MAX/MIN

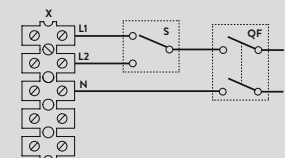
XIMX100+T



MAX/MIN

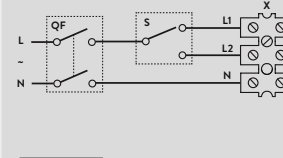
TERMINAL BLOCK FOR 5 CONTACTS

XIMX200



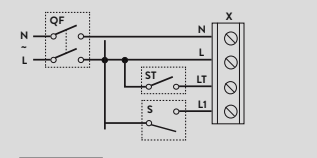
MAX/MIN

XIMX100/XIMX125



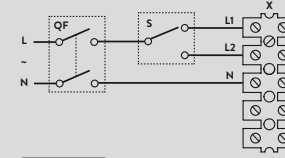
MAX/MIN

XIMX100T/XIMX150T



MAX/MIN

XIMX150



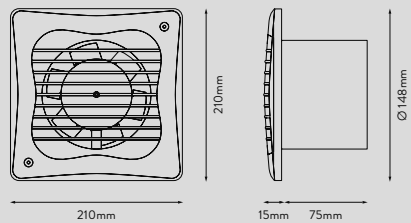
MAX/MIN

## VX150

### 6"/150mm axial extract fans

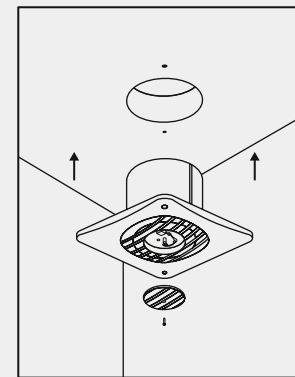


A range of easy to install single speed extract fans. Particularly suitable for larger bathrooms, utility rooms and kitchens. Can be wall or ceiling fitted and is available in standard and timer variants.

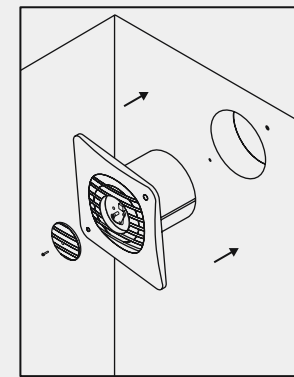


Models	VX150	VX150T
Reference Number	93226AW	93227AW
Trade Price	£20.83	£23.33
Standard	✓	
Timer		✓
Safety Finger Guard	✓	✓

Product Selector	VX150	VX150T
Reference Number	93226AW	93227AW
Extract Performance (l/s)	62	62
Extract Performance (m³/h)	221	221
Electrical Power Rating (W)	25	25
Specific Fan Power (SFP) (W/l/s)	0.41	0.41
IP Rating	IPX4	IPX4
Integral Timer (adjustable 30s - 30m)		✓
Motor Type	AC	AC



Ceiling Installation



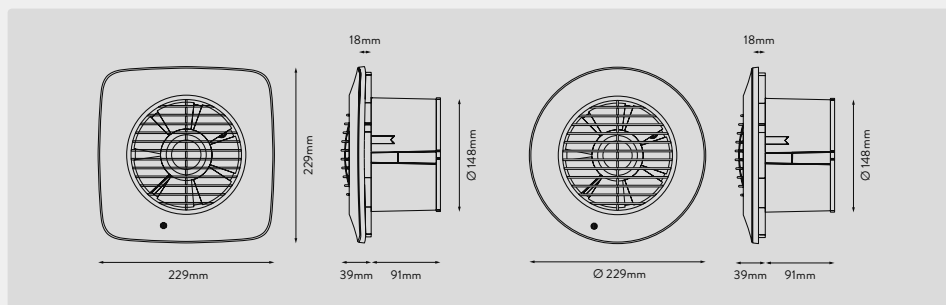
Wall Installation

## Simply Silent™ DX150

### 6"/150mm axial extract fan range

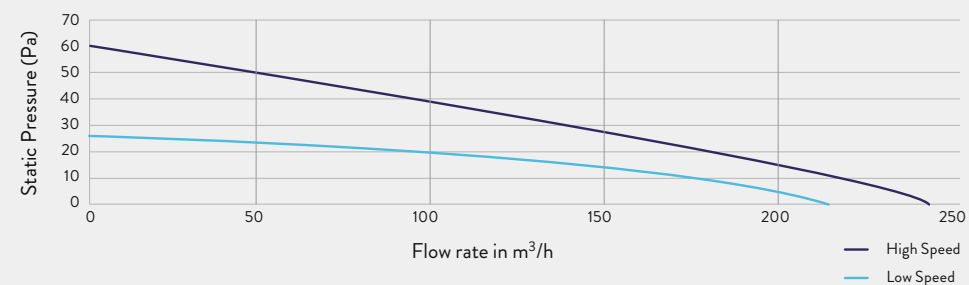


The Simply Silent™ DX150 intermittent extract fan range is designed for those looking for something conventional, with a modern twist. These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. Suitable for both wall and ceiling fitting. The DX150 range has two speeds, selectable at install.

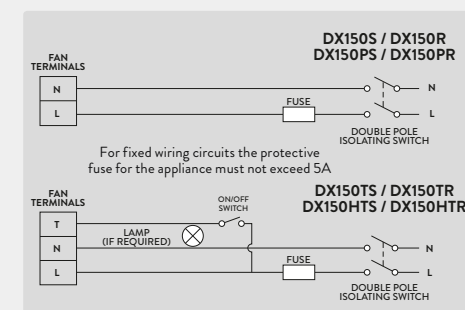


Product Features	DX150S	DX150TS	DX150PS	DX150HTS	DX150R	DX150TR	DX150PR	DX150HTR
Reference Number	93070AW	93072AW	93074AW	93076AW	93071AW	93073AW	93075AW	93077AW
Trade Price	£49.99	£58.33	£58.33	£83.33	£49.99	£58.33	£58.33	£83.33
Design	■	■	■	■	●	●	●	●
Standard	✓				✓			
Timer (adjustable 30s - 30mins)		✓		✓		✓		✓
Pullcord			✓				✓	
Humidistat				✓				✓
Backdraught Shutter	✓	✓	✓	✓	✓	✓	✓	✓

Product Selector	DX150
Speeds	2
Extract Performance (l/s)	60/67
Extract Performance (m³/h)	214/241
Electrical Power Rating (W)	15/22.6
Specific Fan Power (SFP) (W/l/s)	0.25/0.34
Sound Pressure Level (dBA@3m)	39/42
IP Rating	IPX4



Low Speed		High Speed	
Static Pressure (Pa)	Flow rate in m³/h	Static Pressure (Pa)	Flow rate in m³/h
0	213.66	0	241.10
2.6	203.27	5.5	228.76
5.4	191.70	9.8	215.72
8	179.38	14.5	201.85
11.5	166.15	18.3	186.94
13.6	151.76	22	170.74
16.3	135.85	25.1	152.82
18.3	117.79	29.3	132.49
20.2	96.36	35	108.37
21.3	68.40	42.2	76.90
25.3	0.00	59.6	0.00



#### ANCILLARIES

We recommend the 150mm Wall Kit for easy through-wall installation. See page 118 for further information.

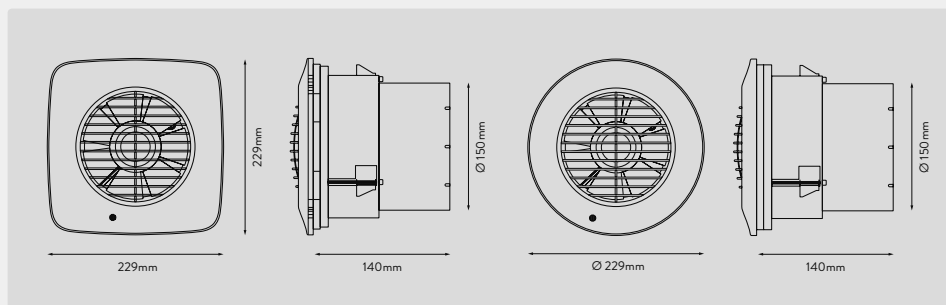
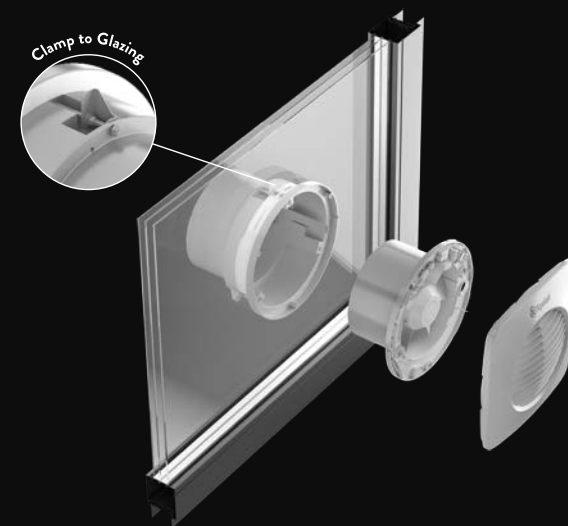
## Simply Silent™ GX150

6"/150mm axial extract fan designed for window installation from the inside



The GX150 delivers all the benefits of the DX150, like contemporary styling and Ghost™ Air Movement Technology, yet it's designed to be effortlessly fitted into a window. It comes complete with a window kit, and once the 184mm diameter hole has been cut into the window, the GX150 can simply be installed from the inside using only three screws.

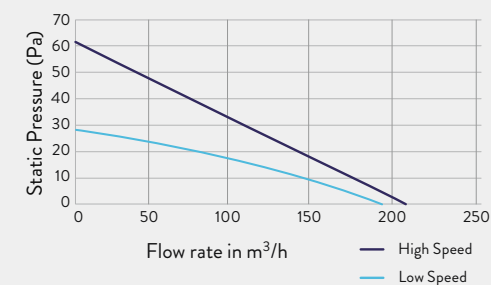
Purpose designed for kitchens, utility rooms and bathrooms, this 6"/150mm intermittent extract fan also features a powered, integral thermo-electric-shutter mechanism, to protect against draughts and heat loss. The GX150 range has two speeds, selectable at install.



Product Features	GX150S	GX150PS	GX150R	GX150PR
Reference Number	93195AW	93222AW	93196AW	93223AW
Trade Price	£99.00	£105.00	£99.00	£105.00
Design	■	■	●	●
Standard	✓		✓	
Pullcord		✓		✓
Window Installation Kit included	✓	✓	✓	✓

Product Selector	GX150
Speeds	2
Extract Performance (l/s)	53/60
Extract Performance (m³/h)	190/215
Electrical Power Rating (W)	18.5/25.5
Specific Fan Power (W/l/s)	0.35/0.43
Sound Pressure Level (dBA@3m)	40/42
IP Rating	IPX4
Motor Type	AC
ErP Compliant	Yes

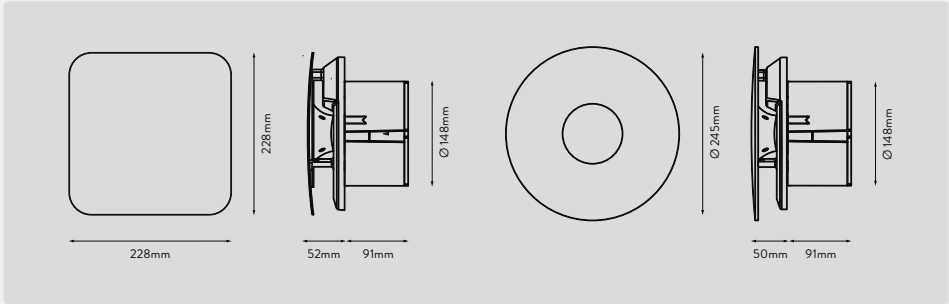
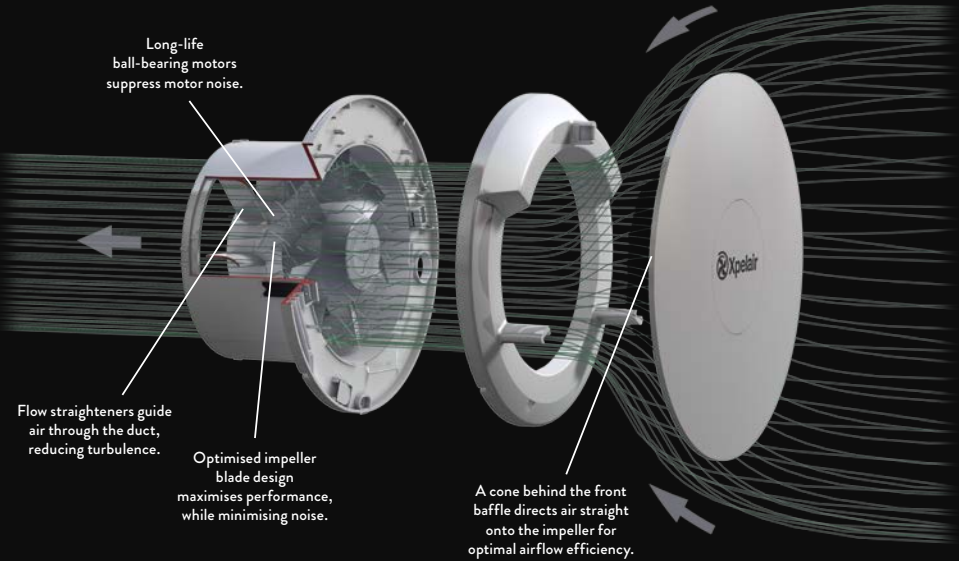
Low Speed		High Speed	
Static Pressure (Pa)	Flow rate in m³/h	Static Pressure (Pa)	Flow rate in m³/h
0	190.44	0	211.33
2.6	180.12	4.2	201.07
5.8	169.87	8.5	189.63
8.7	158.97	12.4	177.44
12.2	147.25	16.9	164.36
15	134.52	20.6	150.13
17.8	120.42	24.5	134.39
19.4	104.42	30.3	116.53
21.8	85.44	36.7	95.33
23.4	60.66	44.2	67.67
27.6	0.00	61.5	0.00



Simply Silent™ Contour C6  
6"/150mm axial extract fan range



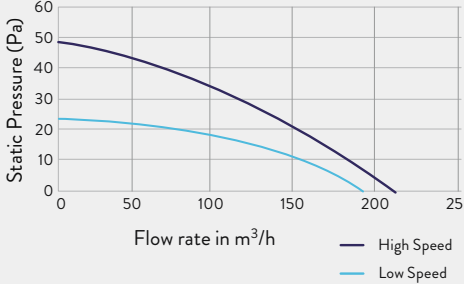
The Simply Silent™ Contour C6 intermittent extract fan range has been designed to blend seamlessly with the surrounding décor. These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. The Contour 6 range has two speeds, selectable at install.



Product Features	C6S	C6TS	C6PS	C6HTS	C6R	C6TR	C6PR	C6HTR
Reference Number	93170AW	93172AW	93174AW	93176AW	93171AW	93173AW	93175AW	93177AW
Trade Price	£66.66	£74.99	£74.99	£99.99	£66.66	£74.99	£74.99	£99.99
Design	■	■	■	■	●	●	●	●
Standard	✓				✓			
Timer		✓		✓		✓		✓
Pullcord			✓				✓	
Humidistat				✓				✓
Backdraught Shutter	✓	✓	✓	✓	✓	✓	✓	✓

Product Selector	C6
Speeds	2
Extract Performance (l/s)	54/61
Extract Performance (m³/h)	194/217
Electrical Power Rating (W)	15/22
Specific Fan Power (W/l/s)	0.28/0.36
Sound Pressure Level (dBA@3m)	41/44
IP Rating	IPX4

Low Speed		High Speed	
Static Pressure (Pa)	Flow rate in m³/h	Static Pressure (Pa)	Flow rate in m³/h
0	193.46	0	218.32
3.2	182.99	4.2	208.20
5.8	172.59	9.2	196.35
9.2	161.51	13	183.73
12.2	149.60	16.3	170.17
14.2	136.66	19.8	155.44
16.3	122.34	23.9	139.14
17.8	106.08	29.5	120.64
19.4	86.79	35.8	98.68
21.6	61.62	42.2	70.05
23.5	0.00	48.6	0.00



**ANCILLARIES**  
We recommend the Simply Silent 150mm Easy Fit Wall Kit to allow fuss-free fitting from the inside. See page 118 for further information.

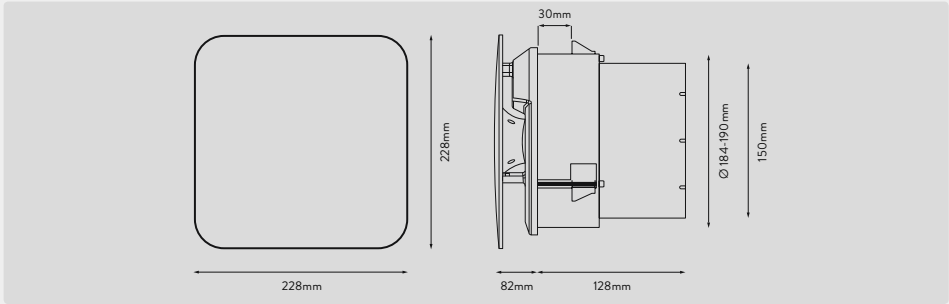
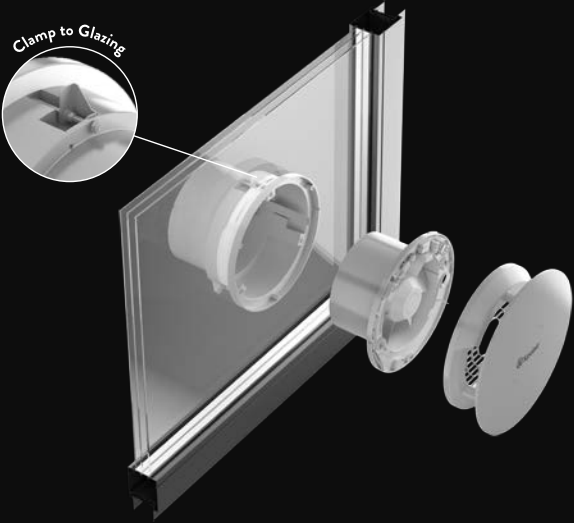
# Simply Silent™ G6

## 6"/150mm axial extract fans with window-fitting kit



The Simply Silent™ G6 intermittent extract fan range has been designed to blend seamlessly with the surrounding décor. It comes complete with a window fitting kit, and once the 184mm diameter hole has been cut into the window, the G6 can simply be installed from the inside using only three screws.

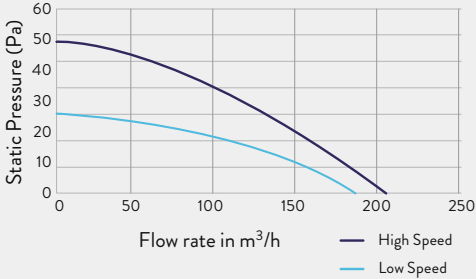
These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. Discover the beauty of silence. Available in square or round, the sleek, smooth, interchangeable fascia will suit all applications and design preferences. You won't even know it's there. The G6 range has two speeds, selectable at install.



Product Features	G6S	G6R
Reference Number	93193AW	93194AW
Trade Price	£109.00	£109.00
Design	■	●
Electronic Backdraught Shutter	✓	✓
Window Installation Kit included	✓	✓

Product Selector	G6
Speed	2
Extract Performance (l/s)	54/61
Extract Performance (m³/h)	186/203
Electrical Power Rating (W)	18.3/25.3
Specific Fan Power (SFP) (W/l/s)	0.34/0.42
Sound Pressure Level (dBA@3m)	42/45
IP Rating	IPX4

Low Speed		High Speed	
Static Pressure (Pa)	Flow rate in m³/h	Static Pressure (Pa)	Flow rate in m³/h
0	186.12	0	203.06
2.4	178.10	4	192.69
5.3	167.97	8	181.73
8	157.18	11.9	170.06
10.2	145.60	15.5	157.52
12.8	133.00	19.8	143.89
15.9	119.07	25.3	128.81
18	103.25	30.9	111.69
19.3	84.47	36.5	91.38
22.2	59.98	43.2	64.87
25.6	0.00	49.3	0.00

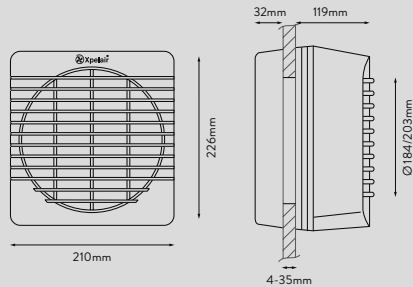


## GX6 & GXC6

### High performance extract fans

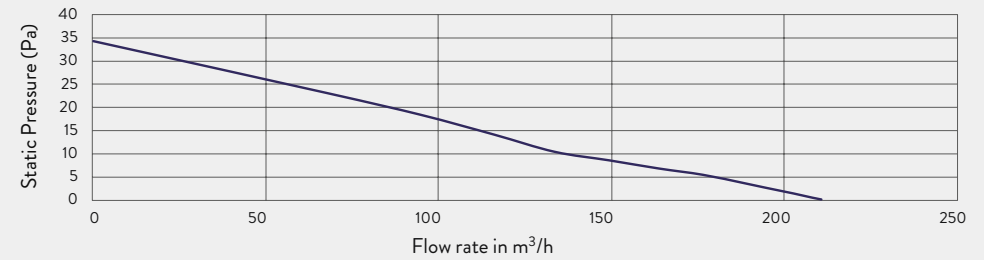


Xpelair GX models are purpose designed for use in kitchens and utility rooms and can be window or panel mounted as supplied, or wall mounted using an optional wall kit. GXC models have an integral pullcord actuator. Timer and humidistat versions are also available, along with multi-speed models, plus a trickle ventilation facility is available for background ventilation when not in use.

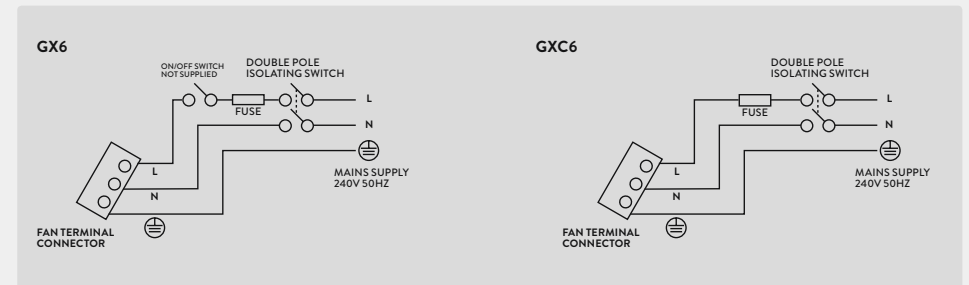


Product Features	GX6	GX6T	GX6HT	GX6HT2	GXC6	GXC6T
Reference Number	90800AW	90812AW	90814AW	90863AW	90850AW	90861AW
Trade Price	£125.15	£132.98	£157.88	£172.69	£78.19	£86.02
Standard	✓					
Timer (adjustable 20 – 30mins)		✓		✓		✓
Pullcord					✓	✓
Humidistat (50-90% RH)			✓	✓		
Reversible Intake/Extract				✓		
Silent Electro-thermal Shutter	✓	✓	✓	✓		
Safety Finger Guard	✓	✓	✓	✓	✓	✓
Window Kit Supplied	✓	✓	✓	✓	✓	✓

Product Selector	GX6	GX6T	GX6HT	GX6HT2	GXC6	GXC6T
Reference Number	90800AW	90812AW	90814AW	90863AW	90850AW	90861AW
Speeds	1	1	1	2	1	1
Electrical Power Rating (W)	29	29	29	29	27	27
Hole Diameter (mm)	184	184	184	184	184	184
Hole Diameter with Wall Liner (mm)	203	203	203	203	203	203
Weight (kg)	1.9	1.9	1.9	1.9	1.9	1.9
UK Guarantee (years)	2	2	2	2	2	2
Extract Performance (m³/h)	222	222	222	213/222	222	222
Extract Performance (l/s)	62	62	62	60/62	62	62
Sound Pressure Level (dBA@3m)	37	37	37	34/37	37	37



Product	0	1.5	3.3	5.2	6.6	8.4	10.3	14.1	18.5	23.3	34.8
Static Pressure (Pa)	0	1.5	3.3	5.2	6.6	8.4	10.3	14.1	18.5	23.3	34.8
Flow Rate in m³/h	211.09	200.18	188.96	176.69	163.86	149.54	133.69	116.17	94.82	67.75	0



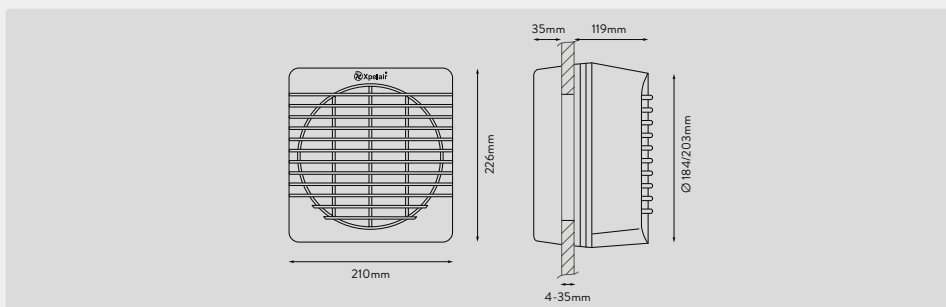


## GX6 EC3 & GX6 EC3 RF

High performance extract fans with EC motors

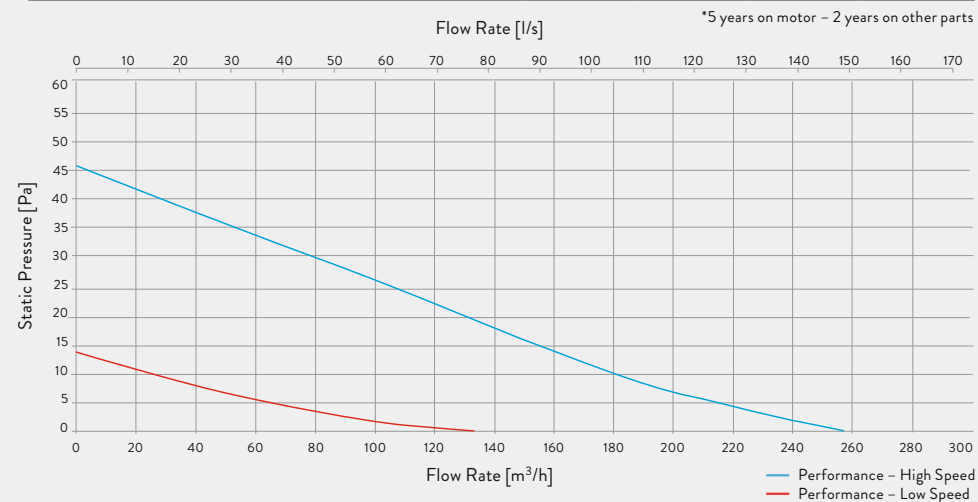


GX EC3 range of 6" axial fans incorporate long-life, energy-efficient Ultra EC motor technology and feature installer selectable speed settings to satisfy Part F installed performances for intermittent ventilation in kitchens or utility rooms. The range includes a single speed extract/intake model and radio frequency (RF) controlled models using innovative wireless RF control technology. Controllers offer a wireless and battery-less control solution using only kinetic energy to generate and send control signals to single or multiple RF fans. This control option reduces installation time and cost as there is no need to run cables between the fan and the controller or purchase batteries.



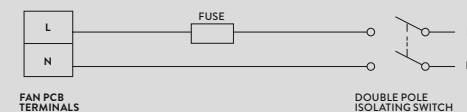
Product Features	GX6 EC3	GXC6 EC3	GX6 EC3R	GX6 EC3 RF	GX6 EC3R RF
Reference Number	92755AW	92756AW	92728AW	92731AW	92732AW
Trade Price	£200.09	£200.09	£215.59	£336.42	£336.42
Standard	✓		✓	✓	✓
Pullcord		✓			
Reversible Intake/Extract			✓		✓
Silent Electro-thermal Shutter	✓		✓	✓	✓
RF Controllable				✓	✓
Double Insulated	✓	✓	✓		
Safety Finger Guard	✓	✓	✓	✓	✓
Window Kit Supplied	✓	✓	✓	✓	✓

Product Selector	GX6 EC3	GXC6 EC3	GX6 EC3R	GX6 EC3 RF	GX6 EC3R RF
Reference Number	92755AW	92756AW	92728AW	92731AW	92732AW
Speeds	2	2	1	2	2
Extract Performance (m³/h)	134/255	134/255	Extract 255 Intake 134	134/255	134/255
Extract Performance (l/s)	38/71	38/71	71	38/71	38/71
Electric Power Rating (W)	5.6/9.4	5.6/9.4	9.4	5.6/9.4	5.6/9.4
Weight (kg)	1.9	1.9	1.9	1.9	1.9
UK Guarantee (years)	5*	5*	5*	5*	5*
Sound Pressure Level (dBA@3m)	30.3	30.3	30.3	30.3	30.3
Specific Fan Power (W/l/s)	0.15/0.14	0.15/0.14	0.14	0.15/0.14	0.15/0.14
Hole Diameter in Window (mm)	184	184	184	184	184
Hole Diameter using Wall Kit (mm)	203	203	203	203	203



Product	Low speed										
Static Pressure (Pa)	0	0.4	0.8	1.6	2.2	2.8	3.7	4.9	6.8	8.5	13.7
Flow Rate in m³/h	134	127	120	112	104	95	85	74	60	43	0

Product	High speed										
Static Pressure (Pa)	0	1.5	2.7	4.9	7.3	9.5	13.1	17.5	23.3	30.3	46.3
Flow Rate in m³/h	255	242	228	214	198	181	162	140	115	81	0.00



### ANCILLARIES

See pages 106 – 121

## Commercial Ventilation Solutions

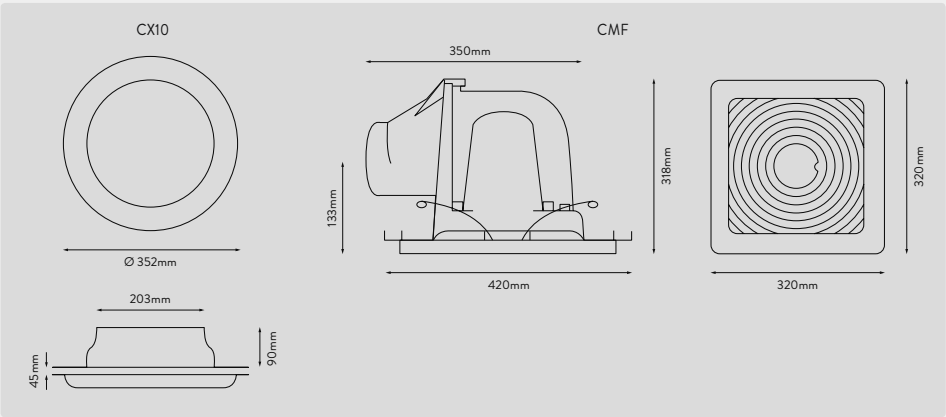
Models	Ventilation Type	Axial	Centrifugal	Page Number
CX10 & CMF	Commercial ceiling-mounted fans	✓	✓	48
GX9 & GX12	Commercial AC window fans	✓		50
GX9/12 EC3 & EC3 RF	Commercial EC long-life, low-energy axial fans	✓		52
PX6, PX9 & PX12	Commercial panel fans	✓		54
RX6, RX9 & RX12	Commercial roof fans	✓		56
WX6, WX9 & WX12	Commercial wall fans with 'safe lock' metal telescopic wall liner	✓		58
WX6, WX9 & WX12	Commercial wall fans with corrugated plastic wall liner	✓		60
Whispair	Commercial ceiling sweep fans	✓		62
XID	Centrifugal metal inline fans		✓	64
XIDP	Centrifugal plastic inline fans		✓	66
XSD	Single EC box fans		✓	68

# CX10 & CMF

## Commercial ceiling-mounted fans

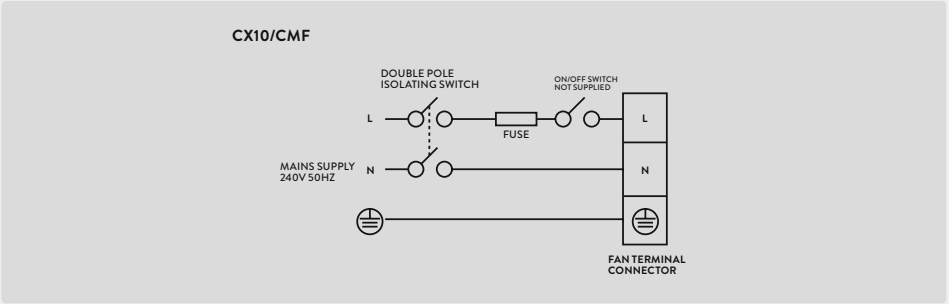
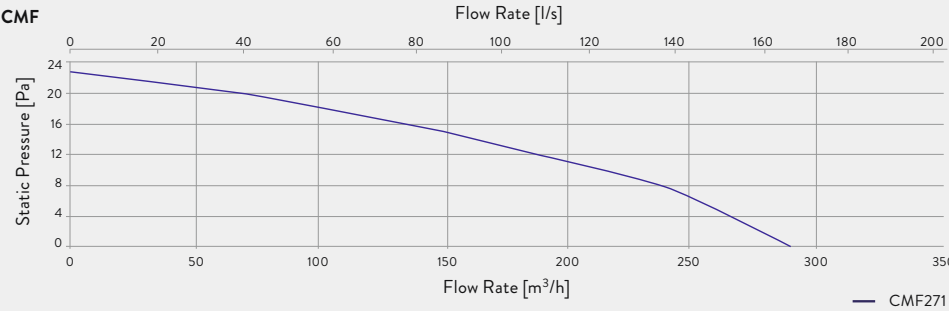
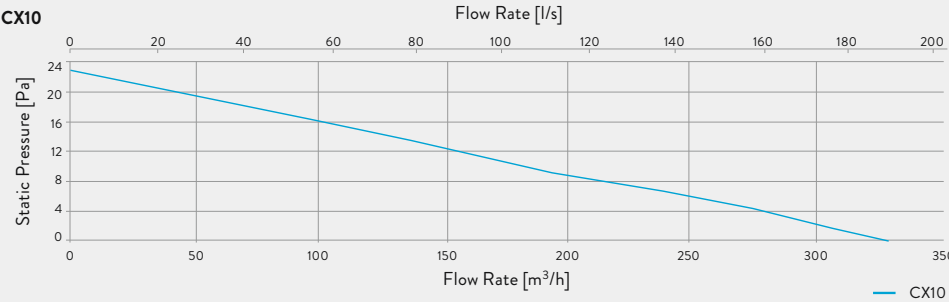


The CX10 and CMF are flush-mounted ceiling extract fan units, which come complete with an intake grille finished in white. The CX10 has an integral duct connection spigot (203mmØ), while the CMF has a side entry spigot (150mm Ø) plenum box. Applications include kitchens, larger utility rooms, pub bars, schools and shops.



Product Features	CX10	CMF 271
Reference Number	90209AB	89957AW
Trade Price	£103.72	£168.61
Round	✓	
Square		✓
Axial	✓	
Centrifugal		✓
Standard	✓	✓
Integral Duct Connection Spigot	✓	
Side Entry Spigot	✓	✓
Safety Finger Guard	✓	✓
Integral Fly Guard	✓	✓

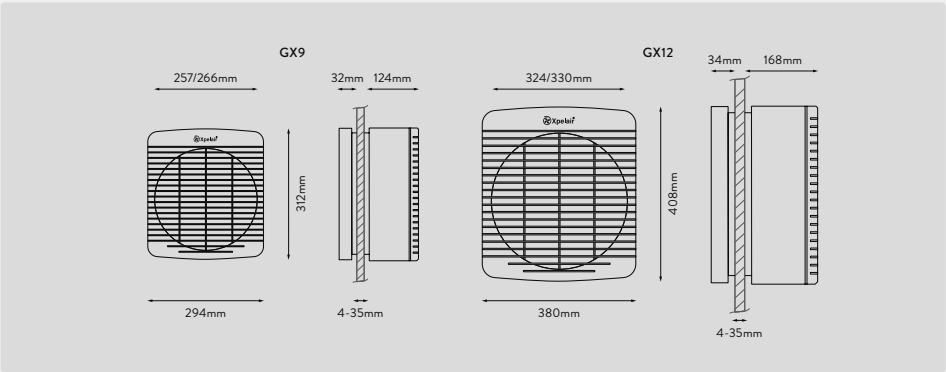
Product Selector	CX10	CMF271
Reference Number	90209AB	89957AW
Electrical Power Rating (W)	34	48
Extract Performance (m³/h)	329	286
Extract Performance (l/s)	91	79
Sound Pressure Level (dBA@3m)	44	41
Hole Diameter (mm)	300	273 x 273
Ducting Size (mm)	200	150
Weight (kg)	1.8	6.9
UK Guarantee (years)	2	2



# GX9 & GX12 Commercial AC window fans

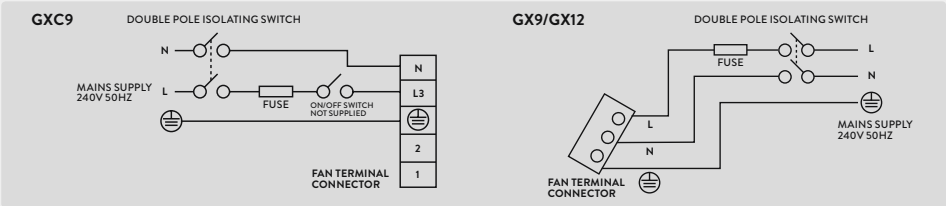
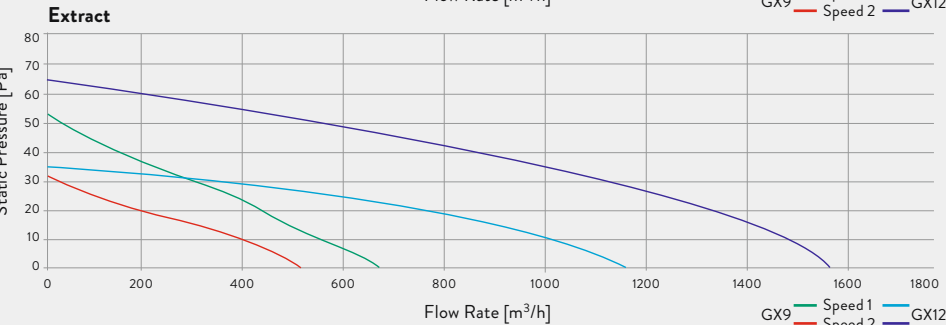
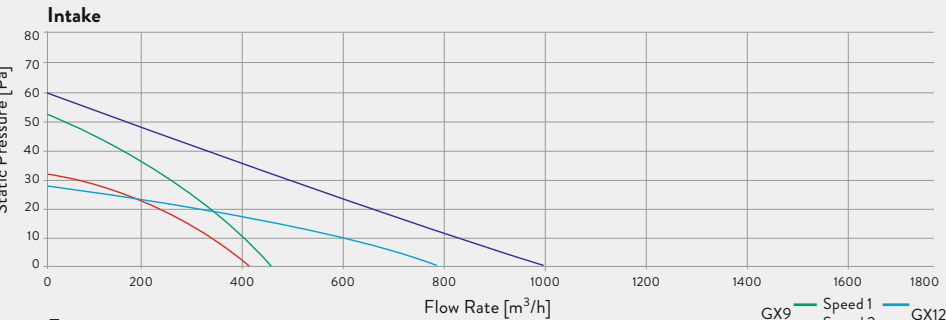


GX9 and GX12 window fans have remained a byword for commercial window fans for over 40 years. Supplied with longer ladder strips for ease of installation and with safety finger-guard integrated into the housing and the window grille. Plus, a tamper-proof positive plug and socket assembly provides a means of isolation for service access. Both 9" and 12" models are reversible and feature an enclosed external rotor motor providing constant volume outputs, even in gusty external conditions.



Product Features	GX9	GXC9	GX12
Reference Number	89994AW	89995AW	90012AW
Trade Price	£250.37	£187.76	£391.24
Standard	✓		✓
Pullcord		✓	
9" Impeller	✓	✓	
12" Impeller			✓
Reversible Intake/Extract	✓		✓
Silent Electro-thermal Shutter	✓		✓
Safety Finger Guard	✓	✓	✓
Window Kit Supplied	✓	✓	✓

Product Selector	GX9	GXC9	GX12
Reference Number	89994AW	89995AW	90012AW
Remote Switch (supplied separately)	✓		✓
Selectable Intake, Extract or Controller Operation	✓		✓
Speeds	2	1	2
Extract Performance (m³/h)	543/636	520	1091/1546
Extract Performance (l/s)	151/177	145	303/429
Intake Performance (m³/h)	405/449		772/1117
Intake Performance (l/s)	113/125		215/310
Sound Pressure Level (dBA@3m)	48/50	44	50/55
Electrical Power Rating (W)	41	32	85
Hole Diameter (mm)	257	257	324
Hole Diameter with Wall Liner (mm)	266	266	330
Weight (kg)	4	3.9	7.9
UK Guarantee (years)	2	2	2



# GX9/12 EC3 & EC3 RF

## Commercial long-life, low-energy axial fans



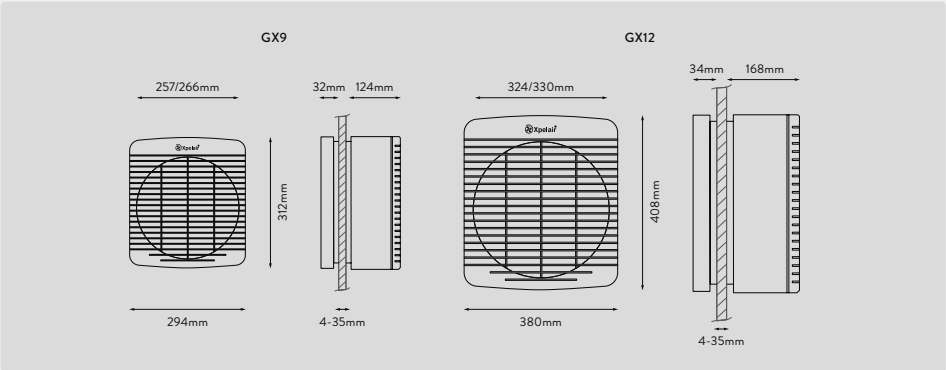
GX9/12 and EC3 commercial axial fans feature Ultra EC motor technology for long-lasting, energy-efficient performance and reduced running costs. For EC3 models an MS2 controller is required, while the new EC3 RF models require the new RF controller, both purchased separately.

The new innovative radio frequency (RF) controllers offer a wireless and battery-less control solution using only kinetic energy to generate and send control signals to single or multiple fans. This control option reduces installation time and cost as there is no need to run cables between the fan and the controller or purchase batteries.

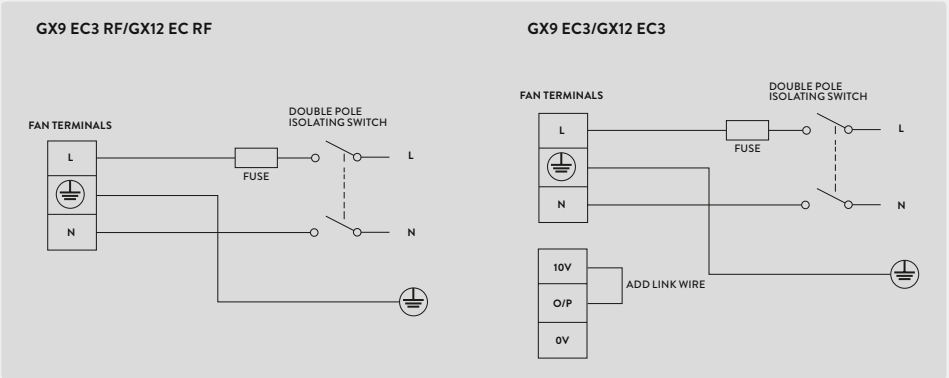


Product Selector	GX9 EC3	GX9 EC3 RF	GX12 EC3	GX12 EC RF
Reference Number	92729AW	92733AW	92730AW	92734AW
Remote Switch (supplied separately)	23513AW (MS2)	92792AW (RF)	23513AW (MS2)	92792AW (RF)
Speeds	5	2	5	2
Passive Intake (shutter open without fan running)		✓		✓
Extract Performance (m³/h)	847 Max	372/847	1675 Max	600/1675
Extract Performance (l/s)	235 Max	172/202	448 Max	337/448
Electrical Power Rating (W)	54.8	54.8	67.3	67.3
Hole Diameter (mm)	257	257	324	324
Hole Diameter with Wall Liner (mm)	266	266	330	330
Weight (kg)	4.2	4.2	7.5	7.5
UK Guarantee (years)	5*	5*	5*	5*

\*5 years on motor – 2 years on other parts



Product Features	GX9 EC3	GX9 EC3 RF	GX12 EC3	GX12 EC3 RF
Reference Number	92729AW	92733AW	92730AW	92734AW
Trade Price	£357.00	£414.75	£441.00	£656.25
Standard	✓	✓	✓	✓
Silent Electro-thermal Shutter	✓	✓	✓	✓
RF Controllable		✓		✓
Double Insulated	✓	✓	✓	✓
Safety Finger Guard	✓	✓	✓	✓
Window Kit Supplied	✓	✓	✓	✓



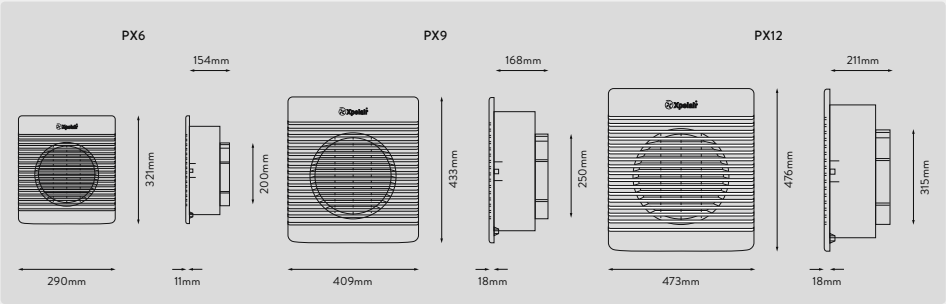
### ANCILLARIES

We recommend the GX9 EC3 and GX12 EC3 RF controllers to operate the fans wirelessly. See page 106 for further information.

# PX6, PX9 & PX12 Commercial panel fans

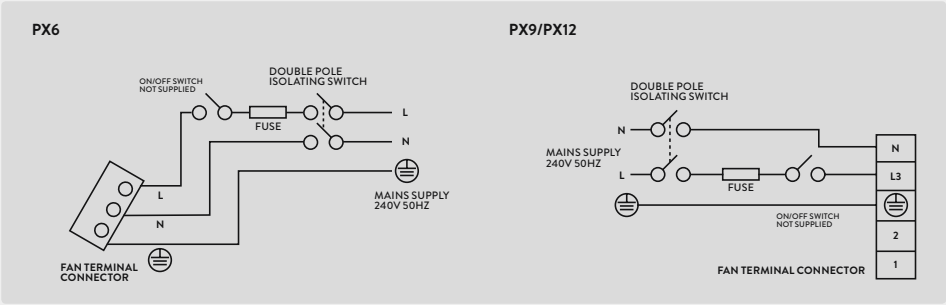
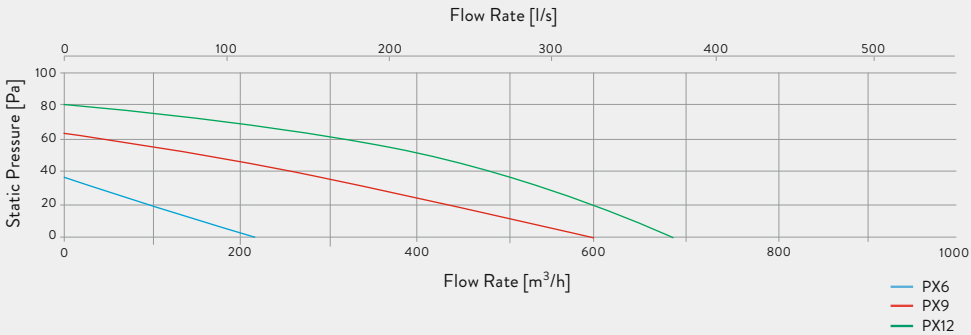


The PX range introduces even greater flexibility into the design of commercial and larger domestic ventilation systems. Based on the proven WX range, PX fans are perfect for ceiling and panel applications in kitchens, restaurants, pubs, offices, schools and shops. They can be installed at any angle in ceilings, voids and wall panels of any thickness due to the concealed fixing points provided. An integral spigot allows the attachment of flexible ducting, such as Xflex. Plus, they feature an enclosed external rotor motor, providing constant volume outputs even in gusty external conditions.



Product Features	PX6	PX9	PX12
Reference Number	91300AW	91299AW	91298AW
Trade Price	£154.91	£338.05	£422.56
Standard	✓	✓	✓
6" Impeller	✓		
9" Impeller		✓	
12" Impeller			✓
Reversible Intake/Extract		✓	✓
Silent Electro-thermal Shutter	✓	✓	✓
Safety Finger Guard	✓	✓	✓

Product Selector	PX6	PX9	PX12
Reference Number	91300AW	91299AW	91298AW
Remote Switch (supplied separately)	✓	✓	✓
Extract Only	✓		
Selectable Intake, Extract or Controller Operation		✓	✓
Speeds	1	2	2
Extract Performance (m³/h)	205	598/690	616/757
Extract Performance (l/s)	57	166/192	171/210
Intake Performance (m³/h)		433/458	845/1037
Intake Performance (l/s)		120/127	235/288
Sound Pressure Level (dBA@3m)	39	47/50	48/54
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
UK Guarantee (years)	2	2	2



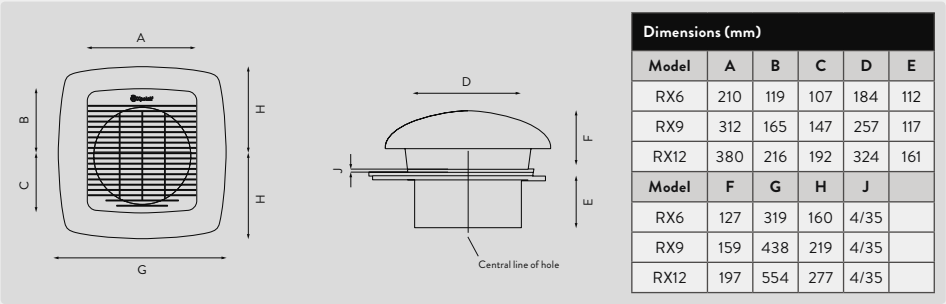
# RX6, RX9 & RX12

## Commercial roof fans



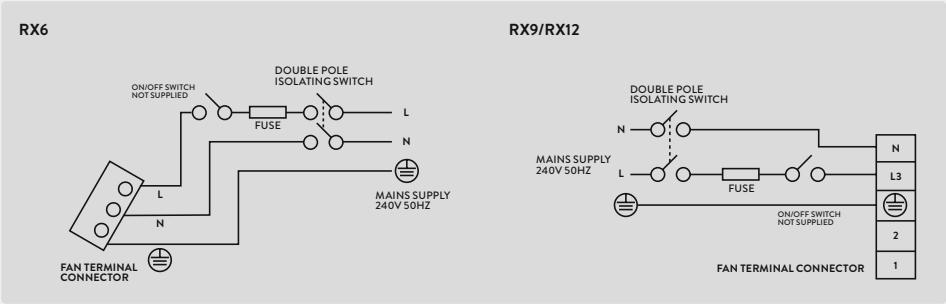
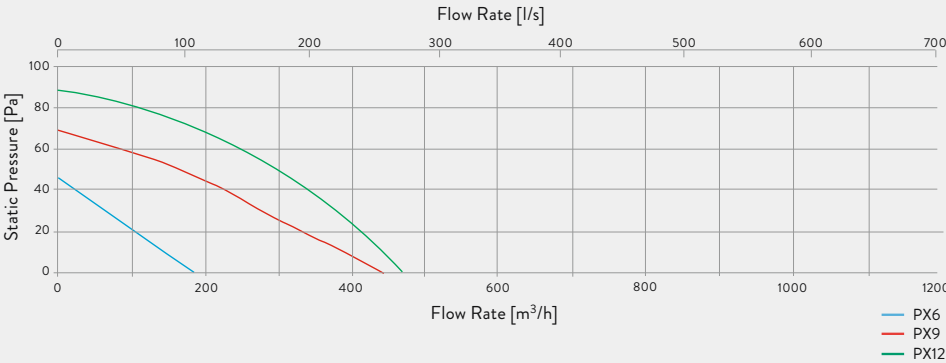
RX models are a neat way of ventilating through glazed and solid roofs and can be used vertically in windows on exposed sites such as coastal areas and high rise buildings. They are suitable for single and sealed double-glazed windows and panels up to 25mm. For flat roofs an optional roof-mounting plate allows RX models to be fitted to dressed curbs.

On RX9 and RX12 units a positive plug and socket assembly provides a means of isolation for service access without the safety risk of accidental disconnection. These two models feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions.



Product Features	RX6	RX9	RX12
Reference Number	90818AW	90424AW	90425AW
Trade Price	£203.42	£391.24	£516.46
Standard	✓	✓	✓
6" Impeller	✓		
9" Impeller		✓	
12" Impeller			✓
Reversible Intake/Extract		✓	✓
Silent Electro-thermal Shutter	✓	✓	✓
Trickle Ventilation Facility	✓	✓	✓
Roof Cowl Assembly	✓	✓	✓
Safety Finger Guard	✓	✓	✓

Product Selector	RX6	RX9	RX12
Reference Number	90818AW	90424AW	90425AW
Remote Switch (not supplied)	✓	✓	✓
Extract Only	✓		
Selectable Intake, Extract or Controller Operation		✓	✓
Speeds	1	2	2
Extract Performance (m³/h)	172	376/446	386/489
Extract Performance (l/s)	48	104/124	107/136
Intake Performance (m³/h)		384/438	709/915
Intake Performance (l/s)		107/122	197/254
Sound Pressure Level (dBA@3m)	39	49/52	48/56
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
UK Guarantee (years)	2	2	2



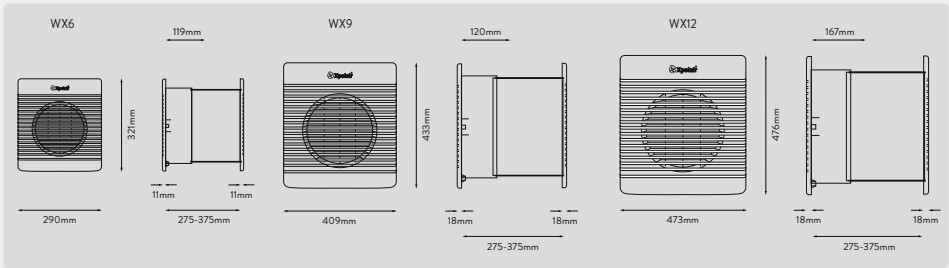


WX6, WX9 & WX12

Commercial wall fans with ‘safe lock’ metal telescopic wall liner

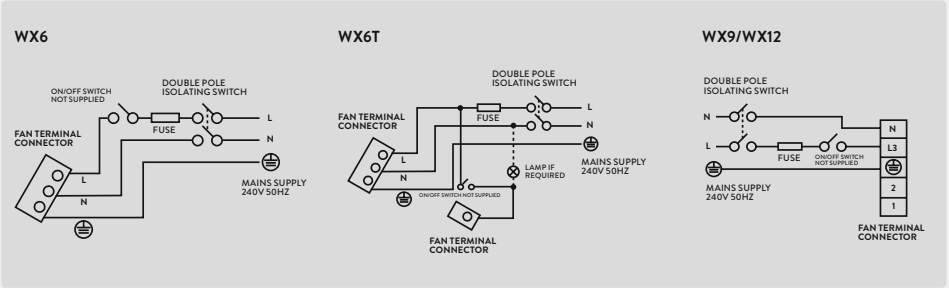
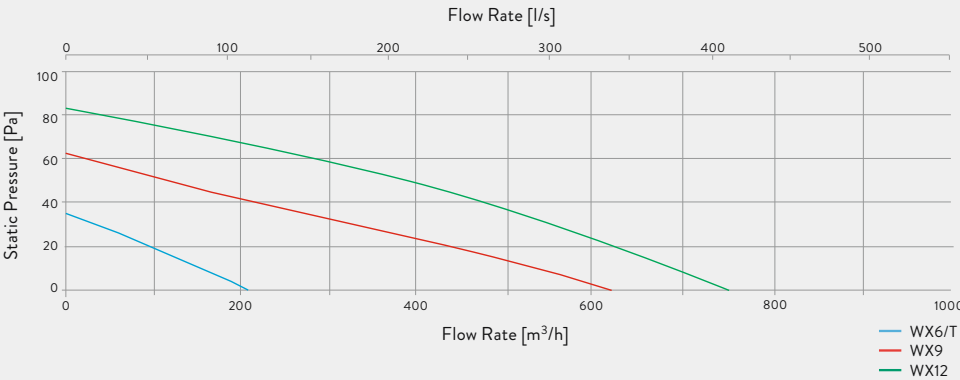


WX commercial duty wall fans are designed for pubs, restaurants, offices, kitchens, factories, schools and shops, and are suitable for single, cavity brick and timber frame walls. The low profile white fascia is styled to blend in cleanly with commercial surroundings, while on the WX9 and WX12 units a positive plug and socket assembly provides a means of isolation. All WX models come complete with a wall-mounting kit which includes a ‘safe lock’ metal telescopic wall liner.



Product Features	WX6	WX6T	WX9	WX12
Reference Number	92502AW	92523AW	92503AW	92504AW
Trade Price	£189.82	£205.37	£398.51	£494.79
Standard	✓		✓	✓
Timer		✓		
6" Impeller	✓	✓		
9" Impeller			✓	
12" Impeller				✓
Reversible Intake/Extract			✓	✓
Silent Electro-thermal Shutter	✓	✓	✓	✓
Trickle Ventilation Facility	✓	✓	✓	✓
Safety Finger Guard	✓	✓	✓	✓
Metal Telescopic Wall Liner Supplied	✓	✓	✓	✓

Product Selector	WX6	WX6T	WX9	WX12
Reference Number	92502AW	92523AW	92503AW	92504AW
Remote Switch (not supplied)	✓	✓	✓	✓
Integral Adjustable Run-on Timer (2 – 20 mins)		✓		
Extract Only	✓	✓		
Selectable Intake, Extract or Controller Operation			✓	✓
Speeds	1	1	2	2
Extract Performance (m³/h)	205	205	583/684	596/750
Extract Performance (l/s)	57	57	162/190	166/208
Intake Performance (m³/h)			437/477	815/969
Intake Performance (l/s)			121/133	226/269
Sound Pressure Level (dBA@3m)	39	39	47/50	48/54
Electrical Power Rating (W)	34	34	41	85
Hole Diameter (w x h mm)	245 x 268	245 x 268	345 x 375	434 x 434
Wall Thickness (mm)	275 – 375	275 – 375	275 – 375	275 – 375
Weight (kg)	6.4	6.4	10.5	14
UK Guarantee (years)	2	2	2	2



ANCILLARIES

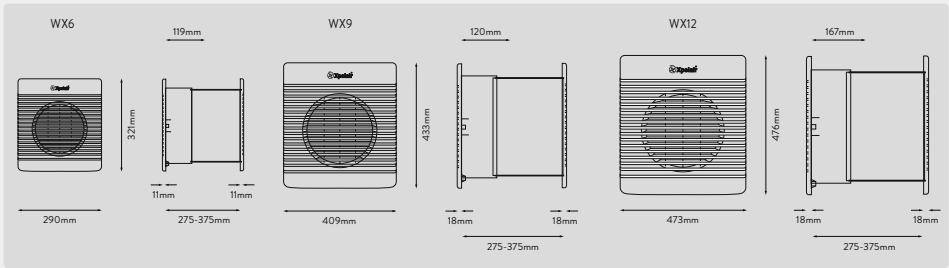
See pages 106 – 121

WX6, WX9 & WX12

Commercial wall fans with corrugated plastic wall liner

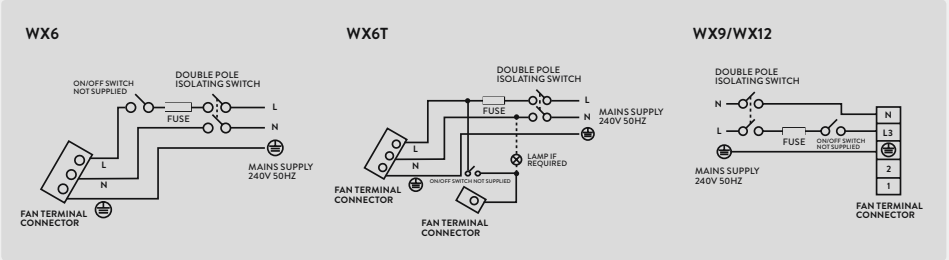
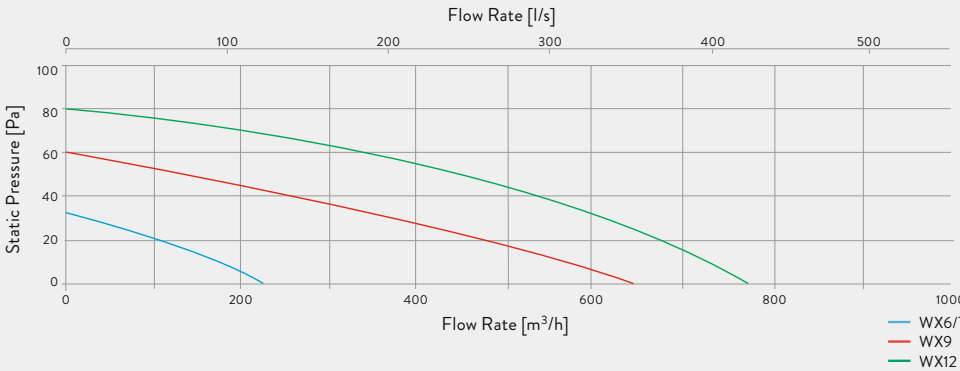


WX commercial duty wall fans are designed for pubs, restaurants, offices, kitchens, factories, schools and shops, and are suitable for single, cavity brick and timber frame walls. The low profile white fascia is styled to blend in cleanly with commercial surroundings, while on the WX9 and WX12 units a positive plug and socket assembly provides a means of isolation. All WX models come complete with a wall-mounting kit which includes a corrugated plastic wall liner.



Product Features	WX6	WX6T	WX9	WX12
Reference Number	90822AW	90823AW	89996AW	90011AW
Trade Price	£163.91	£178.82	£357.70	£447.14
Standard	✓		✓	✓
Timer		✓		
6" Impeller	✓	✓		
9" Impeller			✓	
12" Impeller				✓
Reversible Intake/Extract			✓	✓
Silent Electro-thermal Shutter	✓	✓	✓	✓
Trickle Ventilation Facility	✓	✓	✓	✓
Safety Finger Guard	✓	✓	✓	✓
Plastic Telescopic Wall Liner Supplied	✓	✓	✓	✓

Product Selector	WX6	WX6T	WX9	WX12
Reference Number	90822AW	90823AW	89996AW	90011AW
Remote Switch (not supplied)	✓	✓	✓	✓
Integral Adjustable Run-on Timer (2 – 20 mins)		✓		
Extract Only	✓	✓		
Selectable Intake, Extract or Controller Operation			✓	✓
Speeds	1	1	2	2
Extract Performance (m³/h) high/low	205	205	583/684	596/750
Extract Performance (l/s) high/low	57	57	162/190	208/166
Intake Performance (m³/h) high/low			437/477	815/969
Intake Performance (l/s) high/low			121/133	226/269
Sound Pressure Level (dBA@3m) high/low	39	39	47/50	48/54
Electrical Power Rating (W)	34	34	41	85
Hole Diameter (w x h mm)	245 x 268	245 x 268	345 x 375	434 x 434
Wall Thickness (mm)	275 – 375	275 – 375	275 – 375	275 – 375
Weight (kg)	2.9	2.9	4.7	8.3
UK Guarantee (years)	2	2	2	2



ANCILLARIES

See pages 106 – 121

Whispair
Commercial ceiling sweep fans



Designed to provide a cool circulation of air in hot and humid conditions, with continuous operation at temperatures up to 40°C. They're suitable for upward or downward airflow and can be used as heat destratification units in winter to reduce heating costs. These commercial fans are ideal for use in public buildings, shops, restaurants, village halls, farm buildings, factories, and other commercial buildings. The triple bladed units are available in four sizes, with sweep diameters from 900 to 1500mm. Fan blades are steel and supplied in matched sets with a choice of two lengths of suspension rod, giving overall drops of 375 or 750mm.



Product Selector	NWAN36	NWAN48	NWAN56	NWAN60
Reference Number	90409AW	90410AW	90411AW	90412AW
Remote Optional Controllers Available	✓	✓	✓	✓
Sweep Diameter (mm)	900	1200	1400	1500
Reversible Operation	✓	✓	✓	✓
Maximum Speed (rpm)	350	310	280	260
Air Delivery (m³/h)	8761	10890	12474	13959
Air Delivery (l/s)	2434	3025	3465	3878
Electrical Power Rating (W)	50	65	65	65
Overall Drop Options (mm)	375/750	375/750	375/750	375/750
Weight (kg)*	6.5	6.5	6.5	6.5
UK Guarantee (years)	1	1	1	1

\*All models 6.5kg with marginal weight variance according to sweep diameter.

Dimensions (mm)		
Model	Sweep Diameter	Overall Drop
NWAN 36	900	All models, ceiling to bottom of fan: 375 or 750 (two down rods supplied)
NWAN 48	1200	
NWAN 56	1400	
NWAN 60	1500	

Product Features	NWAN36	NWAN48	NWAN56	NWAN60
Reference Number	90409AW	90410AW	90411AW	90412AW
Trade Price	£87.89	£92.28	£94.04	£96.67
Cooling	✓	✓	✓	✓
Destratification	✓	✓	✓	✓
900mm Diameter	✓			
1200mm Diameter		✓		
1400mm Diameter			✓	
1500mm Diameter				✓

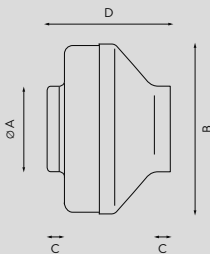
XID  
Centrifugal metal inline fans



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

These practical, reliable fans are ideal for ducted applications in shops, schools, factories, offices, pubs, hotels, restaurants and kitchens, and are available in 100 – 315mm duct size diameters to suit any application.

The fan unit is speed controllable to offer flexibility and individual control, and are supplied with a universal mounting bracket for mounting at any angle. The compact and robust zintec steel construction is Class F insulation.



Dimensions (mm)				
Model	ØA	B	C	D
XID100	97	320	30	240
XID125	123	320	30	240
XID150	147	360	30	250
XID200	197	404	35	250
XID250	247	404	35	260
XID315	312	444	40	260

Product Features	XID100	XID125	XID150	XID200	XID250	XID315
Reference Number	90101AA	90102AA	90103AA	90104AA	90208AA	90106AA
Trade Price	£87.00	£90.21	£96.95	£127.73	£152.11	£198.16

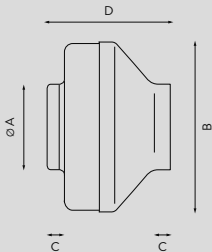
Product Selector	XID100	XID125	XID150	XID200	XID250	XID315
Reference Number	90101AA	90102AA	90103AA	90104AA	90208AA	90106AA
Spigot Diameter (mm)	Metal inline fan (Ø100mm duct)	Metal inline fan (Ø125mm duct)	Metal inline fan (Ø150mm duct)	Metal inline fan (Ø200mm duct)	Metal inline fan (Ø250mm duct)	Metal inline fan (Ø315mm duct)
Extract Performance (m³/s)						
0Pa	0.08	0.11	0.17	0.29	0.34	0.46
100Pa	0.06	0.09	0.12	0.23	0.29	0.41
200Pa	0.04	0.06	0.07	0.17	0.24	0.35
300Pa	0.01	0.03	0.02	0.12	0.17	0.28
400Pa				0.08	0.11	0.22
500Pa				0.02	0.04	0.16
600Pa						0.09
700Pa						0.03
Sound Pressure Level (dBA@3m)	25	26	26	29	32	36
Max. Electrical Power Rating (W)	85	85	99	157	194	244
Weight (kg)	2.5	2.5	3.7	5	5.6	6.5
UK Guarantee (years)	2	2	2	2	2	2

XIDP  
Centrifugal plastic inline fans



The XIDP range of centrifugal inline fans provide the ideal ventilation solution for many exposed and high humidity applications with a compact and robust polymer construction and integral terminal box and guide-vanes. The casing is both impact and fire resistant and a mounting foot is provided for fast and easy installation.

Available in six popular sizes the range is compatible with Xpelair Xflex ducts and ventilation components. Suitable for applications where the units will be seen, in many commercial kitchens and showering areas subject to unit siting conditions.



Dimensions (mm)				
Model	ØA	B	C	D
XIDP100	99	288	30	247
XIDP125	124	288	30	247
XIDP150	149	379	30	230
XIDP200	199	379	30	230
XIDP250	249	379	30	230
XIDP315	314	452	30	275

Product Features	XIDP100	XIDP125	XIDP150	XIDP200	XIDP250	XIDP315
Reference Number	91383AA	91384AA	91385AA	91386AA	91387AA	91388AA
Trade Price	£109.56	£113.42	£121.12	£138.15	£162.90	£212.23

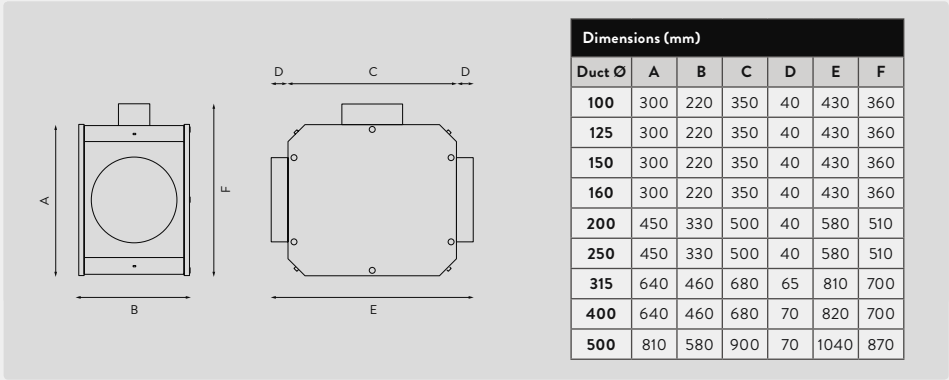
Product Selector	XIDP100	XIDP125	XIDP150	XIDP200	XIDP250	XIDP315
Reference Number	91383AA	91384AA	91385AA	91386AA	91387AA	91388AA
Spigot Diameter (mm)	Plastic inline fan (Ø100mm duct)	Plastic inline fan (Ø125mm duct)	Plastic inline fan (Ø150mm duct)	Plastic inline fan (Ø200mm duct)	Plastic inline fan (Ø250mm duct)	Plastic inline fan (Ø315mm duct)
Extract Performance (m³/s)						
0Pa	0.07	0.10	0.15	0.22	0.28	0.38
100Pa	0.05	0.08	0.11	0.18	0.24	0.33
200Pa	0.03	0.05	0.08	0.14	0.20	0.27
300Pa	0.01	0.01	0.03	0.11	0.15	0.21
400Pa				0.08	0.11	0.14
500Pa				0.03	0.06	0.09
600Pa					0.01	0.05
Sound Pressure Level (dBA@3m)	24	25	25	28	31	41
Max. Electrical Power Rating (W)	85	85	99	157	194	244
Weight (kg)	2.0	2.1	2.5	3.8	4.3	5.5
UK Guarantee (years)	2	2	2	2	2	2

XSD  
Single EC box fans



The XSD EC range of single attenuated inline supply/extract units offer a quiet, compact, high efficiency ventilation solution that maintains indoor air quality.

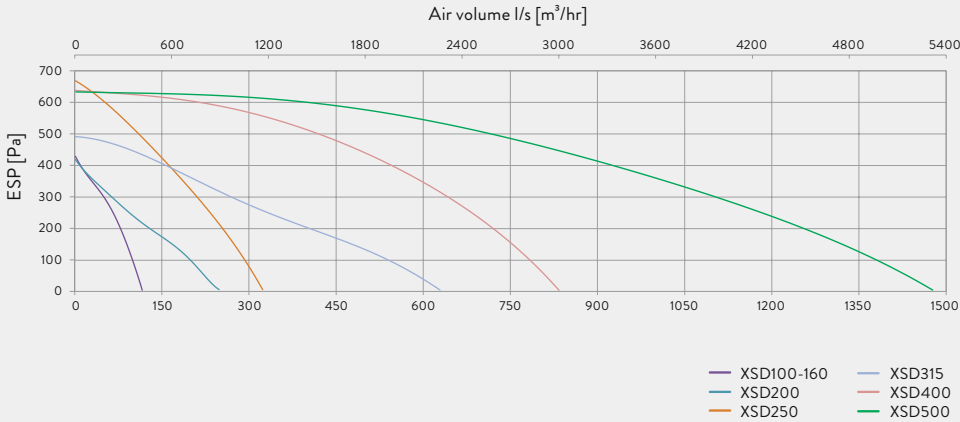
Incorporating market-leading technologies, XSD has been designed with today's energy costs in mind, minimising energy consumption and reducing associated losses when compared with traditional extract ventilation systems. The units feature onboard Demand Controlled Ventilation (DCV) to ensure optimum indoor air quality, while the acoustically lined case reduces noise levels.



Product Features	XSD100	XSD125	XSD150	XSD160	XSD200	XSD250	XSD315	XSD400	XSD500
Reference Number	92890AA	92891AA	92892AA	92893AA	92894AA	92895AA	92896AA	92897AA	92898AA
Trade Price	£700.00	£720.00	£750.00	£770.00	£860.00	£900.00	£1,100.00	£1,350.00	£1,800.00

Product Selector	XSD100	XSD125	XSD150	XSD160	XSD200	XSD250	XSD315	XSD400	XSD500
Reference Number	92890AA	92891AA	92892AA	92893AA	92894AA	92895AA	92896AA	92897AA	92898AA
Spigot Diameter (mm)	100	125	150	160	200	250	315	400	500
Electrical Power Rating (W)	46	46	46	46	80	173	171	463	763
Electrical Current FLC (A)	0.37	0.37	0.37	0.37	0.73	1.45	1.45	2.05	3.35
Motor Insulation Class	O	O	O	O	O	O	O	O	O
Weight (kg)	9.5	9.5	9.0	9.0	17.5	18.0	34.0	36.5	60.0
UK Guarantee (years)	5*	5*	5*	5*	5*	5*	5*	5*	5*

\*5 years on motor – 2 years on other parts.



## System Ventilation Solutions

Models	Ventilation Type	MEV	MVHR	PIV	Page Number
Xplus 2 AC	Multi-point domestic and commercial ventilation unit	✓			72
Xplus 2 EC & EC RF	Low-energy, multi-point domestic and commercial ventilation unit	✓			74
Xcell 150QVWSB	Mechanical ventilation with heat recovery		✓		76
Xcell 300QVI	Mechanical ventilation with heat recovery		✓		78
Xcell 400QVI	Mechanical ventilation with heat recovery		✓		80
Xcell Stratum S120Q, S155QVI & S275QVI	Compact, lightweight, low-profile horizontal heat recovery unit		✓		82
Muro XHRM	Through-the-wall single room dMEV heat recovery units		✓		84
Solitair SRHRV	Single room heat recovery unit		✓		86
EverDri XEL & XEW	Long-life positive pressure ventilation units			✓	88

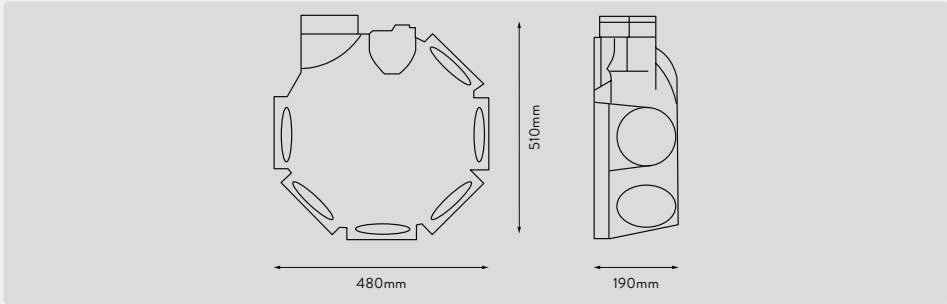


Xplus 2 AC  
Multi-point domestic and commercial ventilation unit



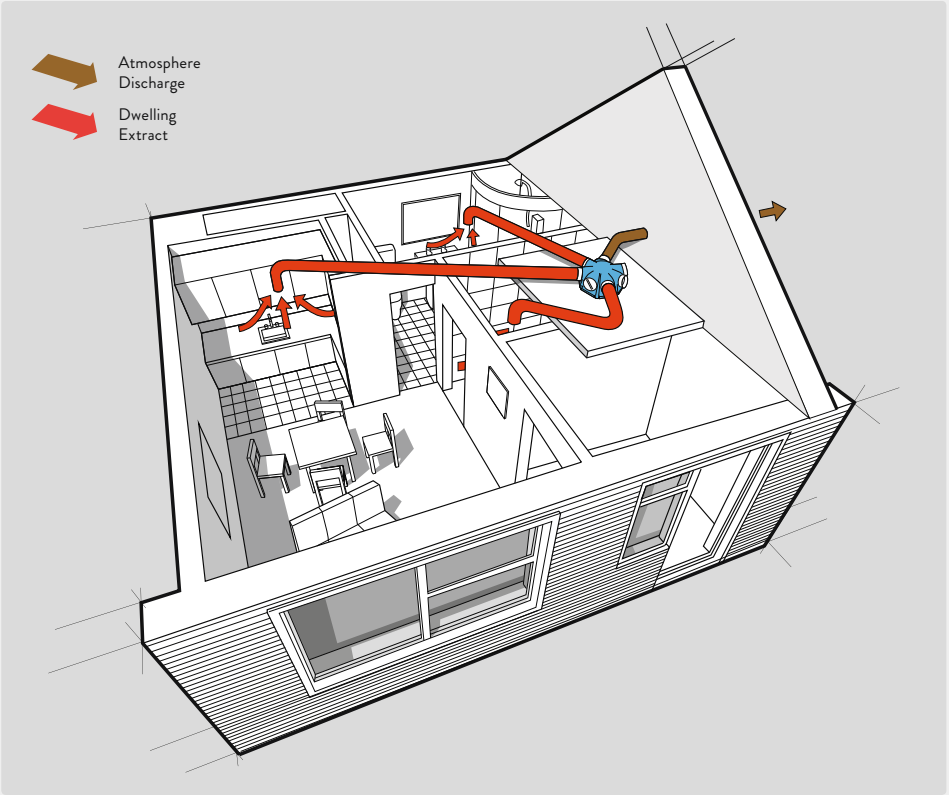
The Xplus 2 is a high performing central extract system designed to continuously extract stale, moist air from domestic kitchens, bathrooms and commercial wet rooms. The unit is primarily used in domestic applications but can also be used for commercial applications where continuous extract is required.

The multi-spigot 190mm low-profile design offers the installer greater flexibility when choosing where to site the unit and also due to the spigot configuration, allows ducting to be connected from any direction, therefore reducing airflow restriction and noise. The unit is suitable for either horizontal or vertical installation and has four speed options, three of which are selectable.



Product Features	Xplus 2 AC
Reference Number	92430AW
Trade Price	£139.11

Product Selector	Xplus 2 AC
Reference Number	92430AW
AC Motor	✓
Speeds	4
Extract Performance (FID, m³/h)	155/237/329/471
Power (W) Speeds 1/2/3/4	13.4/23.9/35/58
No. of Intake Spigots	6
Spigot Diameter (mm)	125
Colour	Blue
Weight (kg)	4.95
UK Guarantee (years)	2

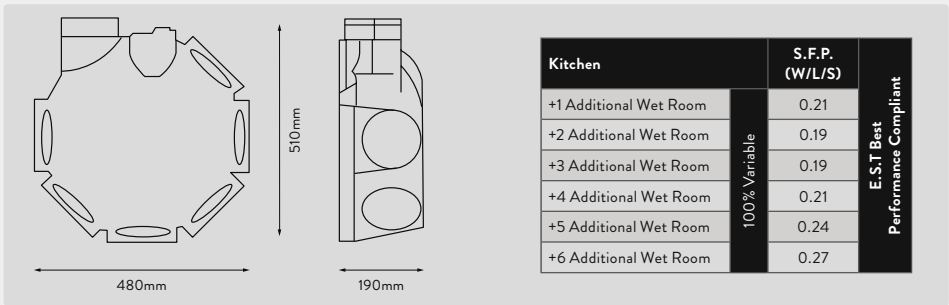


# Xplus 2 EC & EC RF

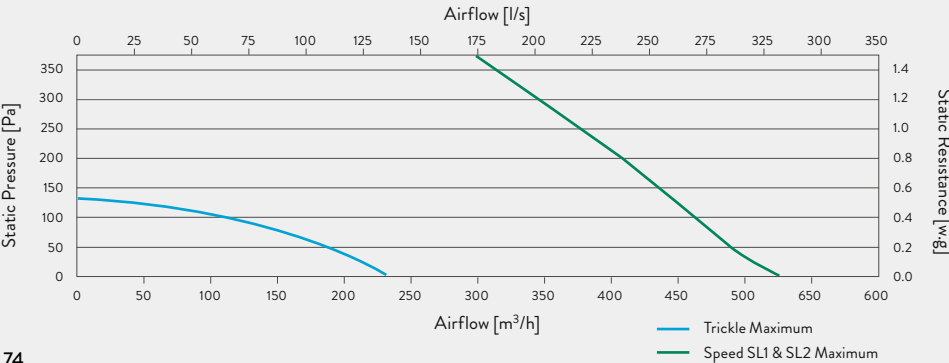
## Low-energy, multi-point domestic and commercial ventilation unit



Xplus 2 EC models boast all of the benefits that centralised extraction systems offer – like flexible siting, multiple spigot connections and high-performance extraction – plus the added benefit of long-life, energy-efficient EC motors with backward curved impellers. This allows these units to be configured at install to match the required Part F extraction rates for the size and layout of the dwelling, ensuring that high-quality indoor air is maintained throughout.

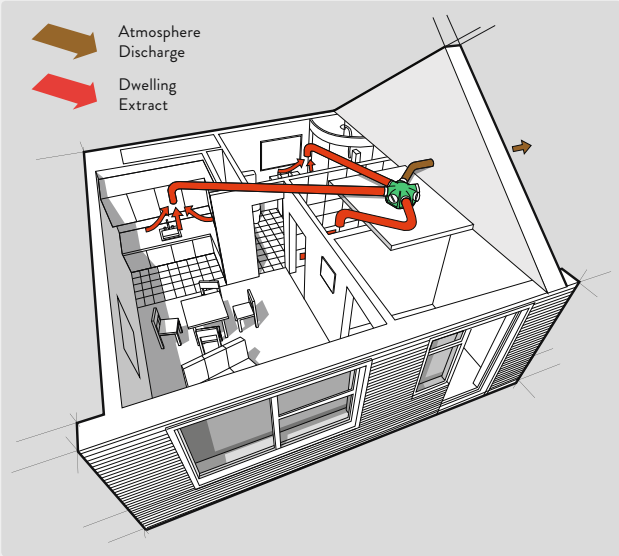


Product Features	Xplus 2 EC	Xplus 2 EC RF	Xplus 2 EC RFH
Reference Number	92498AG	92854AG	92795AG
Trade Price	£294.92	£370.00	£380.00
Humidistat			✓
Trickle Ventilation Facility	✓	✓	✓
RF Controllable		✓	✓



Product Selector	Xplus 2 EC	Xplus 2 EC RF	Xplus 2 EC RFH
Reference Number	92498AG	92854AG	92795AG
Motor Type	EC	EC	EC
Speeds	3 selectable	2 selectable	4 selectable
Maximum Extract Performance (FID, m³/h)	550 (fully adjustable)	550 (fully adjustable)	550 (fully adjustable)
Maximum Extract Performance (m3/h @100Pa)	465	465	465
Maximum Power (W)	79	79	79
Spigot Diameter (mm)	125	125	125
Sound Pressure Level (dBA@3m)	20/30/45	20/47	20/30/37/47
Weight (kg)	3.4	3.4	3.4
UK Guarantee (years)	5*	5*	5*

\*5 years on motor – 2 years on other parts.



Performance		
PA	Trickle Speed (full adjustable)	Med/High Speed (full adjustable)
0	240	550
25	215	520
50	195	490
75	162	480
100	122	465
125	50	450
150	•	440
175	•	425
200	•	410
225	•	400
250	•	380
275	•	360
300	•	350
325	•	330
350	•	320
375	•	305

### ANCILLARIES

We recommend the Xplus 2 EC RF controllers to operate the fans wirelessly. See page 106 for further information.

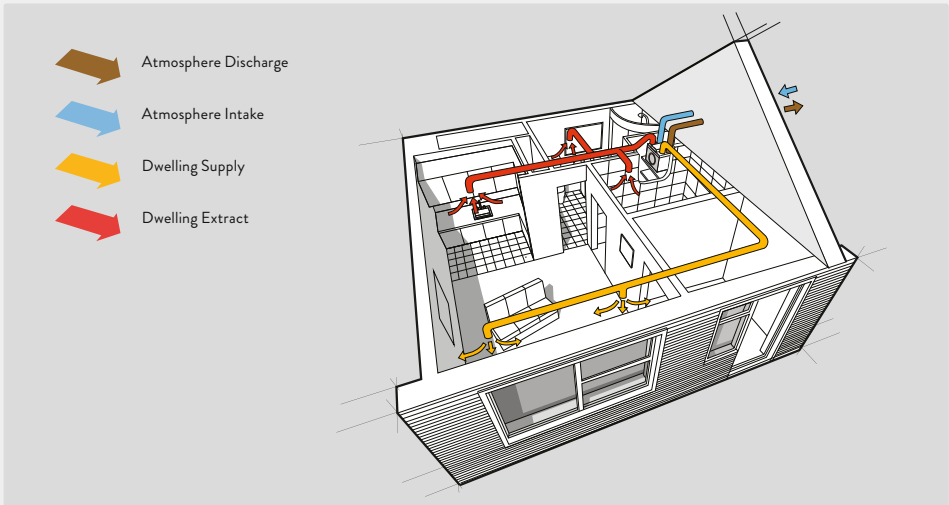
# Xcell 150QVWSB

## Mechanical ventilation with heat recovery and summer bypass



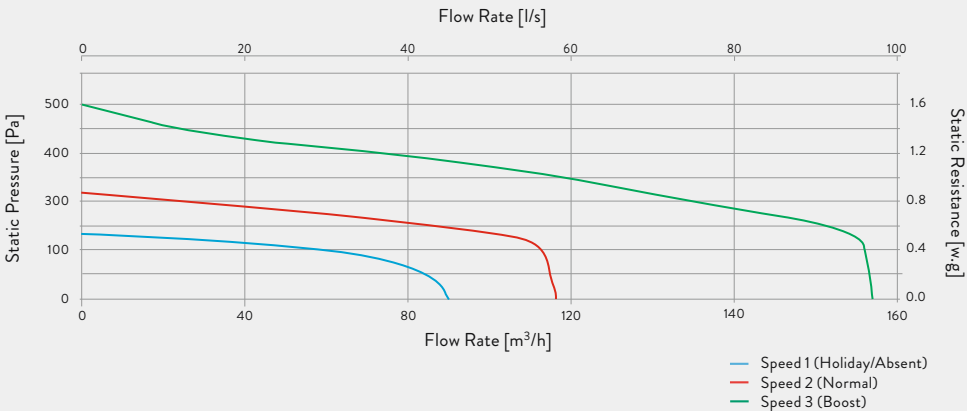
The Xcell 150QVWSB features a high-efficiency counterflow heat exchanger, providing up to 90% heat recovery efficiency. This unit is purpose-designed for modern, airtight apartments and houses, where less natural leakage can cause increased condensation and mould problems. This model has lightweight EPP construction and may be floor or wall-mounted in the loft space.

A low-energy EC motor ensures low annual running costs, while the long-life G4 filter can be inspected with ease – simply remove the front access panel for effortless maintenance. There's also a summer bypass facility that stops the heat exchanger warming incoming fresh air during the summer months, for year-round comfort.



Product Selector	Xcell 150QVWSB
Reference Number	93139AW
Trade Price	£995.24
Motor Type	EC
Maximum Supply/Extract Performance (FID, m³/h)	150
Maximum Supply/Extract Performance (m³/h @90Pa)	150
Maximum System Pressure (Pa)	90
Power Usage Maximum (W) 220-240V AC 50-60Hz	85
Specific Fan Power (average W/l/s – specific fan power is subject to system design resistance)	0.74
Efficiency (%)	90
Speeds	3
Speed Control Type	Remote variable DC
Noise (dBA@3m) Low/Medium/Max	20/22.5/29.5
Spigot Diameter (mm)	125
Installation Orientation	Vertical
Weight (kg)	17.5
UK Guarantee (years)	5*

\*5 years on motor – 2 years on other parts



# Xcell 300QVI

## Mechanical ventilation with heat recovery

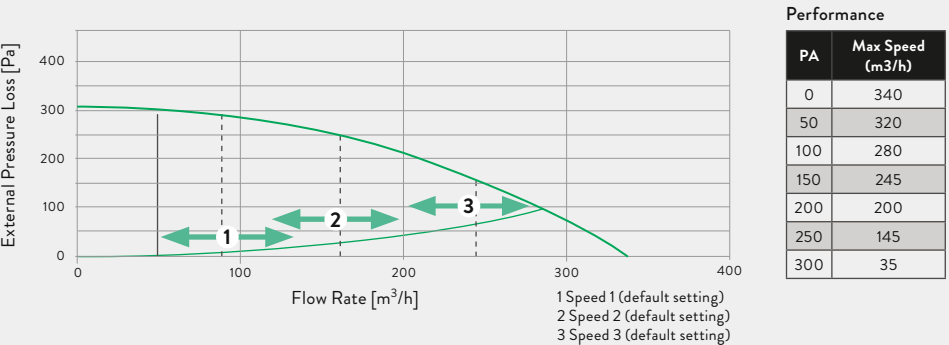
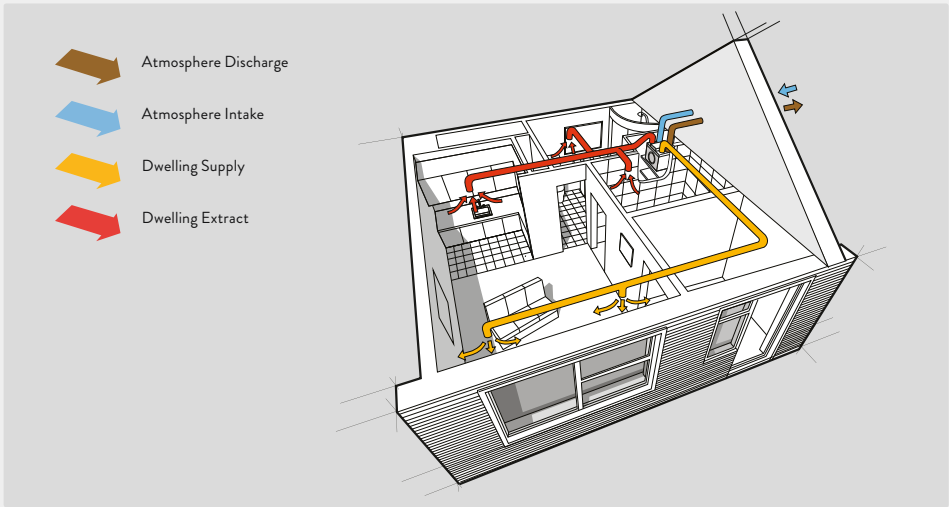
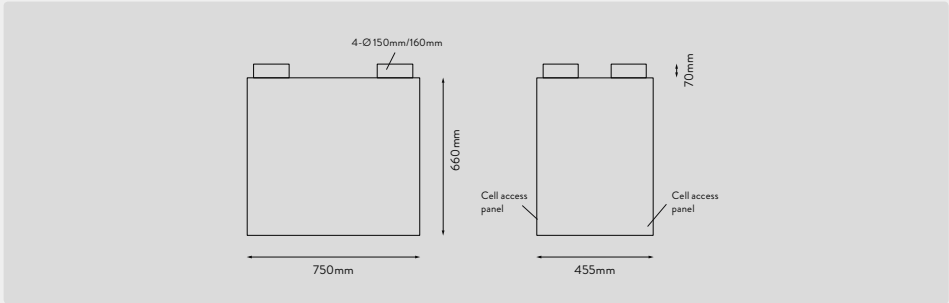


The Xcell 300QVI has been purpose-designed for modern, airtight houses with 3 – 4 bedrooms, or large apartments. With a counterflow heat exchanger capable of recovering up to 91% of the extracted heat, plus energy-efficient EC motors, it's a cost-effective solution. This model may be wall or loft-mounted, features a long-life G4 filter, and is SAP Appendix Q listed and Passivhaus approved. Plus every QVI unit benefits from a winter defrost cycle and cold home guard.

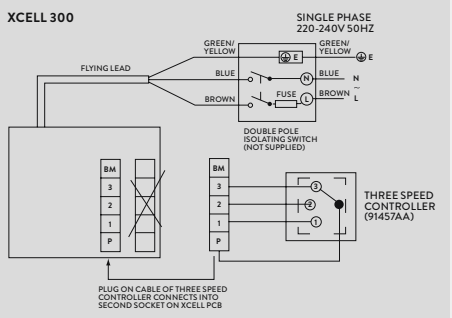


Product Selector	Xcell 300QVI
Reference Number	92465AW
Trade Price	£1,615.23
Maximum Extract Performance (FID, m³/h)	340
Extract Performance (m³/h @ 100Pa)	280
Maximum System Pressure (Pa – based on minimum flow rate)	280
Speeds	3
Speed Control Type	Remote DC
Noise Level (dBA@3m)	20/25/35
Power Usage @ 220-240V 50-60Hz (W)	136
Specific Fan Power (W/l/s)	0.73
Weight (kg)	33
UK Guarantee (years)	5*
Kg Carbon Saving (per year)	1520†

†Based on comparison with 3 standard intermittent AC fans on a 557m² detached 6 wet room house, gas heated, build 2006 using SAP 2006 software using best practice (3) tightness. \*5 years on motor – 2 years on other parts.



Kitchen	S.F.P. (W/L/S)	Heat Recovery Efficiency	E.S.T Best Performance Compliant
+1 Additional Wet Room	0.65	91%	
+2 Additional Wet Room	0.60	91%	
+3 Additional Wet Room	0.61	90%	
+4 Additional Wet Room	0.68	89%	
+5 Additional Wet Room	0.76	88%	
+6 Additional Wet Room	0.84	87%	
+7 Additional Wet Room	1	87%	



# Xcell 400QVI

## Mechanical ventilation with heat recovery



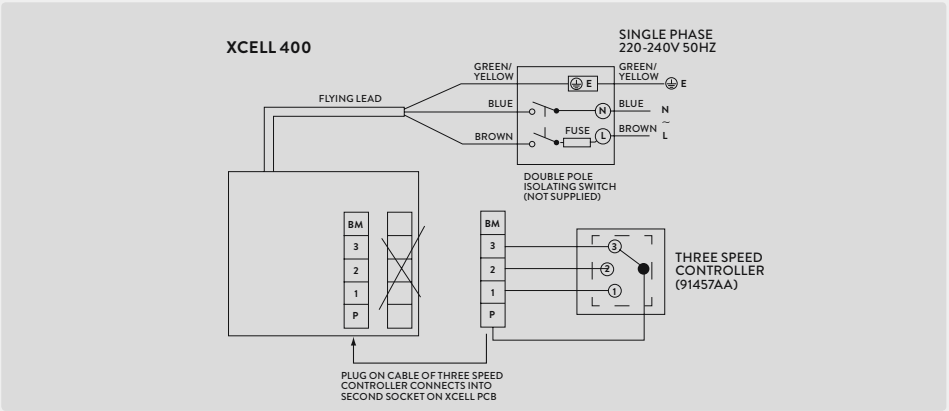
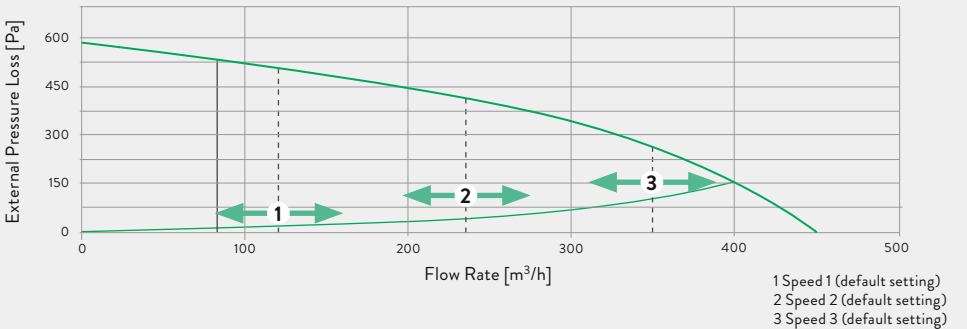
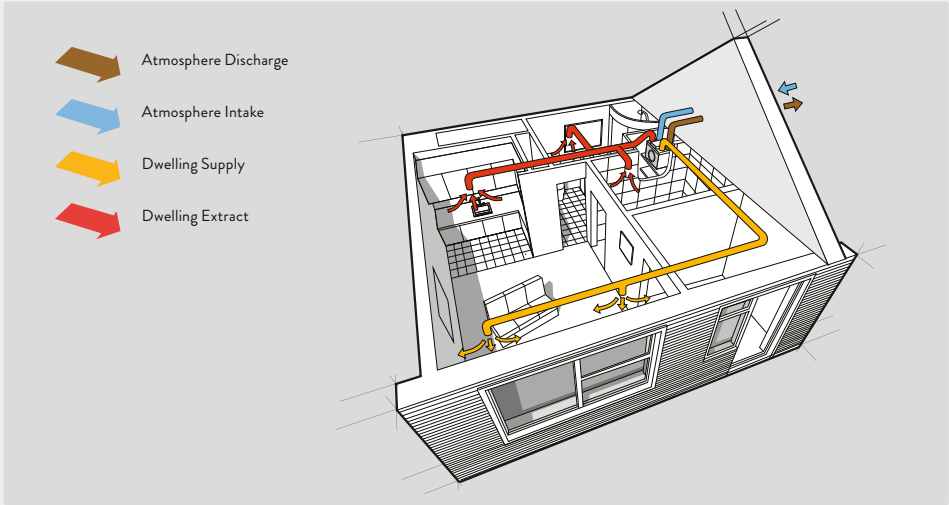
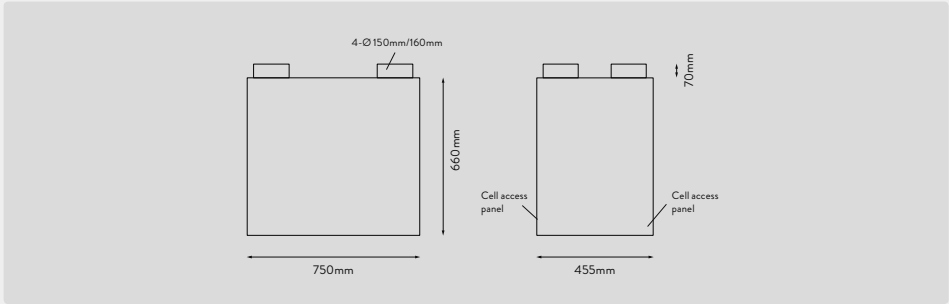
Xcell 400QVI units are designed for modern airtight buildings and are ideal for 4 – 5 bedroom houses and larger apartments. They incorporate a high efficiency heat recovery counterflow cell for heat recovery of up to a 91%, EC ultra-low energy motors and G4 filters. The three intake connection spigots located on the top of the unit make the unit ideal for locating in a loft void.

The units have three speeds and benefit from winter defrost cycle, filter and motor inspection indicators and the facility for automatic control by a combination of humidistats, CO<sub>2</sub> or smoke sensors.



Product Selector	Xcell 400QVI
Reference Number	92478AW
Trade Price	£1,646.59
Maximum Extract Performance (FID, m³/h)	445
Extract Performance (m³/h @ 100Pa)	420
Maximum System Pressure (Pa – based on minimum flow rate)	530
Speeds	3
Speed Control Type	Remote DC
Noise Level (dBA@3m)	29/34/44
Power Usage @ 220-240V 50-60Hz (W)	338
Specific Fan Power (W/l/s)	0.7
Weight (kg)	35
UK Guarantee (years)	5*
Kg Carbon Saving (per year)	1520†

†Based on comparison with 3 standard intermittent AC fans on a 557m² detached 6 wet room house, gas heated, build 2006 using SAP 2006 software using best practice (3) tightness. \*5 years on motor – 2 years on other parts.

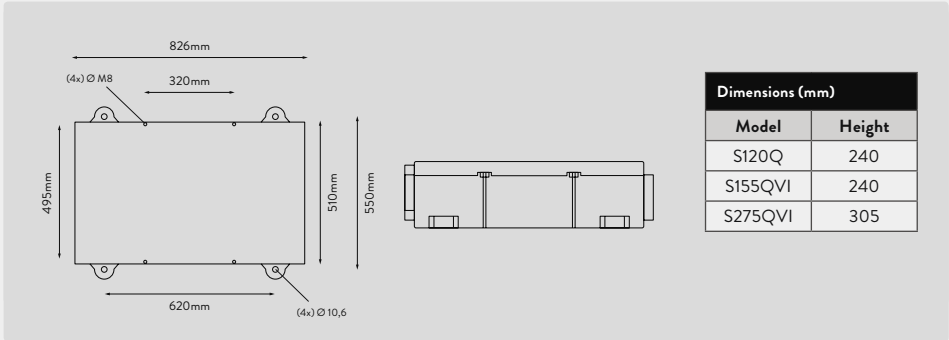


# Xcell Stratum S120Q, S155QVI & S275QVI

## Compact, lightweight, low-profile horizontal heat recovery unit



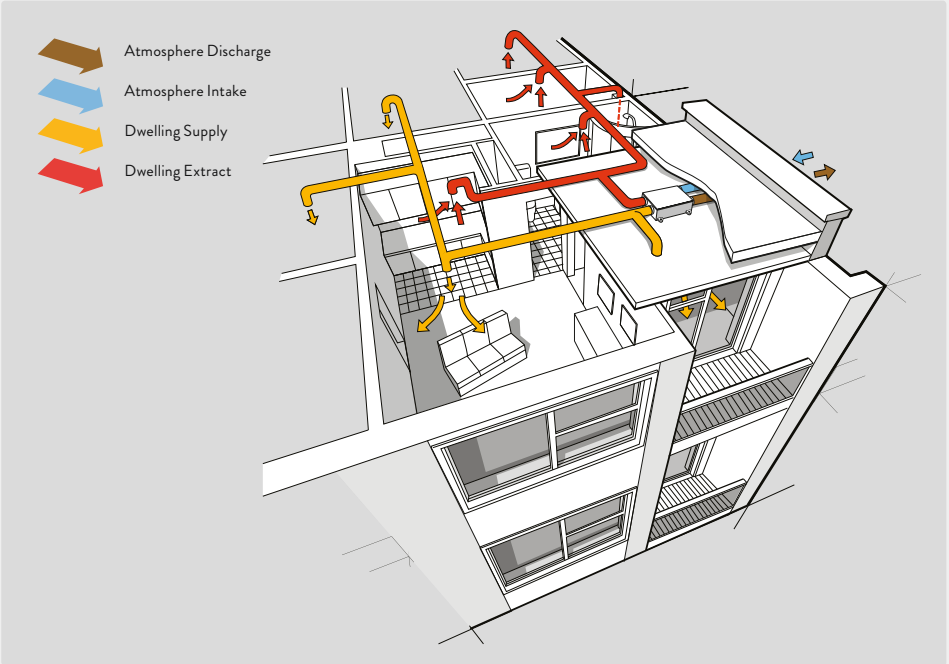
Xcell Stratum heat recovery units are compact, low profile and extremely installer-friendly, being much lighter to handle than metal cased units. They incorporate a high efficiency heat recovery counterflow cell for heat recovery of up to 90%, and feature high efficiency F5 G4 filters and can be both ceiling or loft mounted. The B1 rated EPP structural material has a high U value, so no cold bridging and features integral fixing points for simple loft or ceiling mounting. Available in three variable speed performance models with winter defrost, summer bypass and multiple control feature options.



Product Features	S120Q	S155QVI	S275QVI
Reference Number	92923AW	92920AW	92921AW
Trade Price	£790.00	£934.50	£1,023.75
Timer	✓	✓	✓
88% Heat Recovery Efficiency		✓	
90% Heat Recovery Efficiency	✓		✓
SAP Appendix Q Listed	✓		
Summer Bypass		✓	✓
EC Motor	✓	✓	✓
Constant Velocity Motor		✓	✓
Passivhaus Approved		✓	✓

Product Selector	S120Q	S155QVI	S275QVI
Reference Number	92923AW	92920AW	92921AW
Motor Type	EC	EC	EC
Maximum Supply/Extract Performance (FID, m³/h)	185	155	275
Maximum Supply/Extract Performance (m³/h @100Pa)	170	155	240
Power Usage Maximum (W) 220-240V AC 50-60Hz	120	110	193
Efficiency (%)	90	88	90
Speeds (adjustable)	2	3	3
Speed Control Type	Multi-programmable	Multi-programmable	Multi-programmable
Noise (dBA@3m)	–	31/37/46	32/39/47
Spigot Diameter (mm)	125	125	160
Installation Orientation	Horizontal	Horizontal	Horizontal
Body Material	EPP B1 Fire Rated	EPP B1 Fire Rated	EPP B1 Fire Rated
Weight (kg)	11	11	12
UK Guarantee (years)	5*	5*	5*

\*5 years on motor – 2 years on other parts.



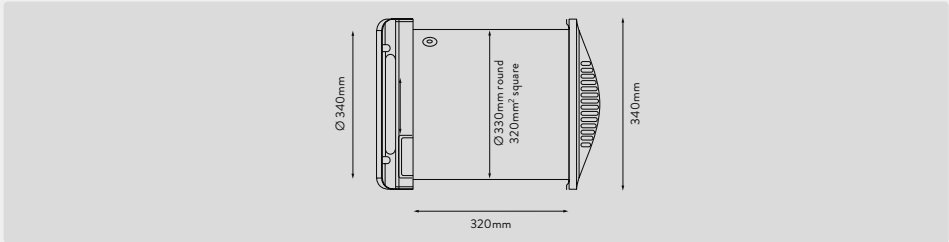


# Muro XHRM

## Through-the-wall single room dMEV heat recovery ventilator



Muro is an efficient through-the-wall heat recovery ventilation unit for single room and dMEV system applications in both residential and commercial build sectors. Muro units incorporate an 80% efficient counterflow heat exchanger which minimises heat loss, as stale air is exhausted, to improve room air quality. The quiet-running, low-energy DC motors enable the unit to be installed in bedrooms, which extends application to include commercial hotel and healthcare installations. The Muro also features an integral display for fan speed selection and filter/fault function, along with a removable front fascia for easy access to filters.

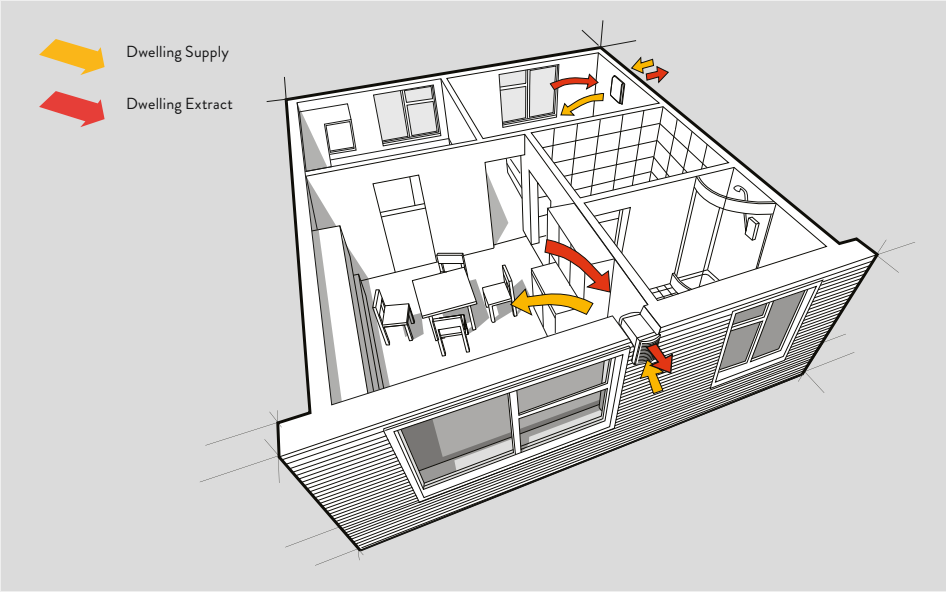


Product Features	Muro XHRM	WE Muro
Reference Number	92922AW	92799AW
Trade Price	£580.25	£424.08

Description	Reference Number	Price
Standard Square Wall Kit	96760AQ	£150.59
Square Extension Wall Kit	96763AA	£65.27
Standard Round Wall Kit (530mm)	96760AR	£230.86
Round Wall Kit	93186AC	£219.07
Outside Grille and Mounting Plate	93220AA	£60.91

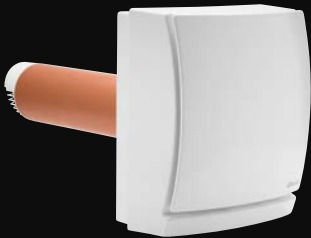
Product Selector	Muro XHRM	WE Muro
Reference Number	92922AW	92799AW
Motor Type	DC	DC
Maximum Supply/Extract Performance (m³/h)	15/30/45/55	15/30/45/55
Power Usage (W) 220-240V AC 50-60Hz	3.5/9/17/25	3.5/9/17/25
Efficiency (%)	80 – 83	80 – 83
Speeds	4	4
Speed Control Type	Integral	Integral
Sound Pressure (dBA @ 1m) Speeds 1, 2, 3 & 4	15/25/33/39	15/25/33/39
Wall Cutout (mm)	320 x 320	320 x 320
Installation Orientation	Horizontal	Horizontal
Wall Sleeve Material	EPP	EPP
Weight (kg)	4	4
UK Guarantee (years)	5	5
Frost Protection	✓	✓

\*5 years on motor – 2 years on other parts.

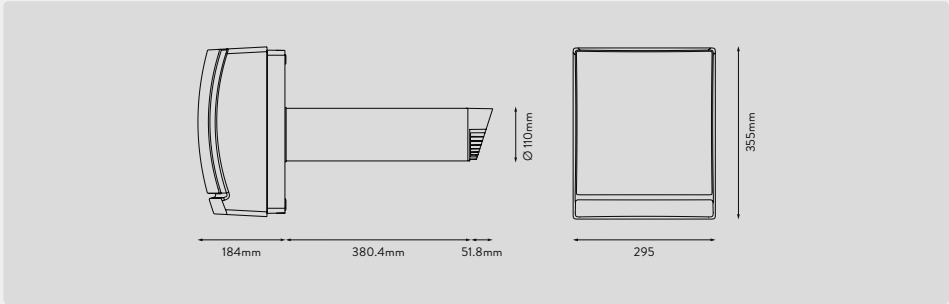


# Solitaire SRHRV

## Through-the-wall single room heat recovery unit



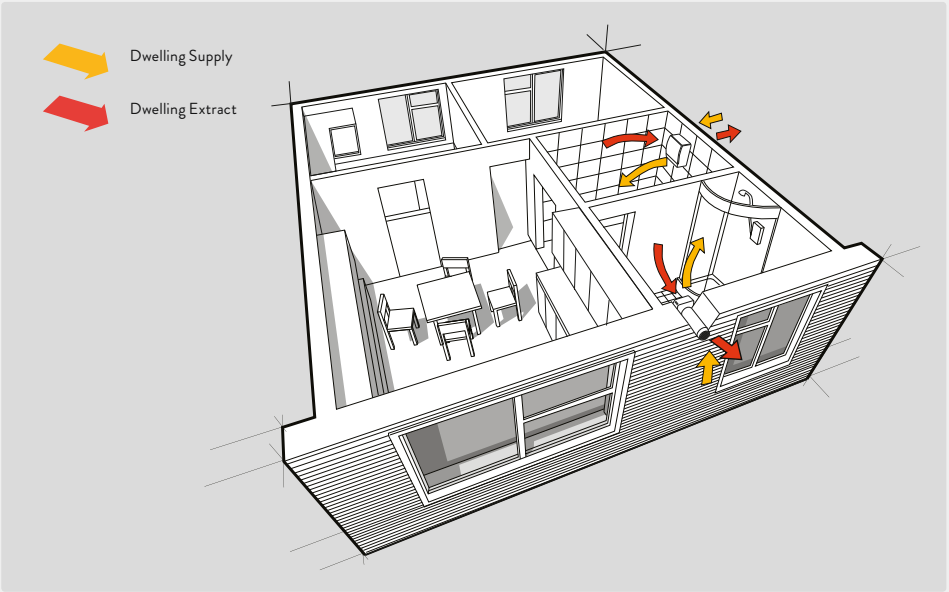
The Solitaire is designed for 4"/100mm through-wall ducted installation, making the unit ideal for bathroom, toilet, kitchen and utility room refurbishment applications. It utilises a unique cylindrical 'heat wheel' exchanger, the benefit of this method is that rotational speed is optimised (8 revs/min) to obtain maximum efficiencies along with a triple-filtration system. The Solitaire can be configured straight out of the box with large cable access for ease of wiring and requires only four screws for wall mounting (included).



Product Features	Solitaire SRHRV
Reference Number	92924AW
Trade Price	£260.00

Product Selector	Solitaire SRHRV
Reference Number	92924AW
Motor Type	EC
Extract Performance (l/s)	6/15
Power Usage (W) 220-240V AC 50-60Hz	9/22
Thermal Efficiency (%)	76/83
Speeds	2
Sound Pressure Level (dBA@3M)	27/39
Weight (kg)	5
UK Guarantee (years)	5

\*5 years on motor – 2 years on other parts





# EverDri XEL & XEW Long-life positive pressure ventilation units



The EverDri system is based on a continuous supply of fresh, dry air into the entire home. This creates a positive pressure which forces moisture and contaminant laden air out through natural leakage points in the building. The long-life, low-energy DC motor contained in the system is permanently switched on and automatically temperature regulated to ensure continual air quality. The Ultra DC motor means that very low running costs can be achieved, while maintaining outstanding efficiency.



	EverDri XEL & EverDri XELH (at 19 – 23°C loft temperature)					
Fan Speed	1	2	3	4	5	6
Airflow (l/s)	30	35	42	52	62	70
Power (W)	3.6	4.2	5.2	7.5	11.2	15.3

	EverDri XEWHR & EverDri XEWHL				EverDri XEW		
Fan Speed	Low	Med	High	Boost	Low	Med	High
Airflow (l/s)	13.2	18.7	22.7	35.2	12.5	18.2	21.8
Power (W)	5.1	8.3	12.8	47.2	3.1	5.7	9.4

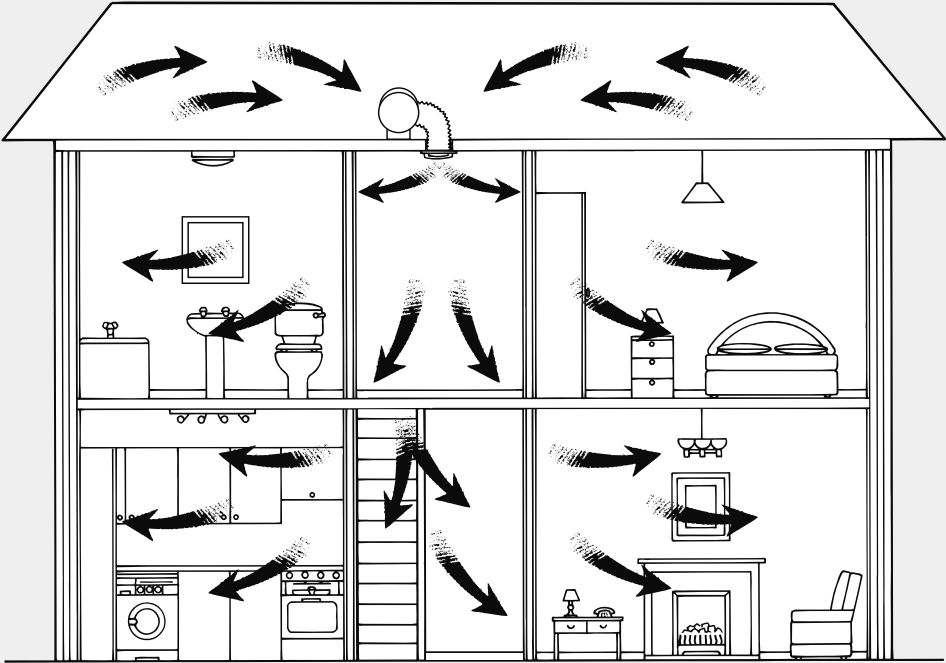


The effects of moisture created by everyday living can quickly lead to the deterioration of the fabric of a building. Cooking, washing, showering and breathing all create water vapour. Without a home being able to ‘breathe’, this moisture has nowhere to go.



Mould growth on cooler surfaces like window frames, and in unvented spaces such as the back of wardrobes, not only looks bad – it can be bad for occupant health too.

Product Features	XEL	XELH	XEW	XEWHL	XEWHR
Reference Number	93063AA	93064AA	93067AA	93065AA	93066AA
Trade Price	£357.00	£429.86	£327.86	£413.83	£413.83
Loft Mounted	✓	✓			
Wall Mounted				✓	✓
Integrated Heater		✓		✓	✓
Left Hand Discharge				✓	
Right Hand Discharge					✓



XEL/XELH – Loft unit installed in a house.

# Air Comfort Ventilation Solutions

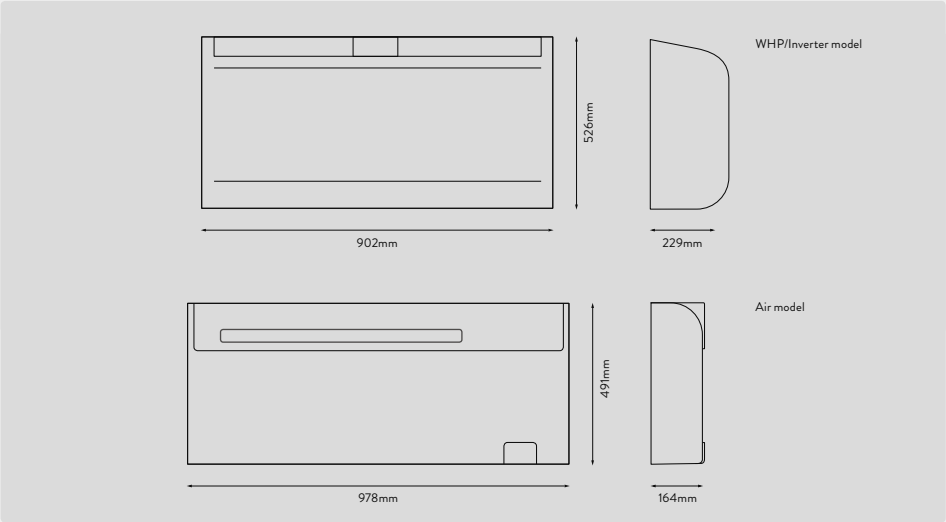
Models	Ventilation Type	Page Number
Digitemp WA & WHP	Comfort air conditioning and heating units	92
WH30, WH60 & WHP30	Commercial wall-mounted fan heaters	94
DCH3000A	Commercial wall-mounted fan heaters	96

Digitemp  
 Comfort air conditioning and heating units



The Digitemp range offers year-round climate control for a range of domestic and commercial applications. The revolutionary self-contained design allows it to be installed easily from the inside with the use of two 6" grilles and flexible PP sheets supplied, eliminating the need for an unsightly outdoor condensing unit and making it particularly useful for high-rise applications. As well as heating and cooling, all units feature a dehumidification function.

The Air model has a very discreet design with a depth of only 164mm and features very low noise levels, making it ideal for domestic use in bedrooms and home offices. The WHP model is capable of heating and cooling larger areas, making it ideal for commercial applications such as hotel rooms, as well as domestic applications like conservatories and extensions. The Inverter model features intelligent speed control, ensuring that the unit only runs at the speed required to potentially save up to 30% in power consumption compared with traditional on/off operation.



Product Features	AIR8HP	INV12HP	WHP245N
Reference Number		93218AA	92724AA
Trade Price	£795.00	£1,200.00	£995.00
Heating & Cooling	✓	✓	✓
Dehumidification	✓	✓	✓
1.8kW	✓		
2.7kW		✓	✓

	AIR8HP	WHP245N	INV12HP
Reference Number	TBC	92724AA	93218AA
Nominal Cooling Capacity (kW)	1.8	2.7	2.7
Cooling Power (Min/Max)	–	–	1.8/3.1
Nominal Heating Capacity (kW)	1.7	2.5	2.7
Heating Power (Min/Max)	–	–	1.8/3.0
Nominal Power Consumption For Cooling (kW)	0.7	1.0	1
Power Consumption For Cooling (Min/Max) (kW)	–	–	0.58/1.4
Rated Absorbed Power in Heating Mode (kW)	0.5	0.8	0.8
Energy Efficiency Class in Cooling Mode	A	A	A
Energy Efficiency Class in Heating Mode	A	A	A
COP	3.1	3.1	3.2
Dehumidification Rate (l/hr)	0.6	1.1	1.1
Fan Speed Settings	3	3	3
Airflow Rate in Cooling Mode (m3/hr)	215/180/150	490/430/360	490/430/360
Airflow Rate in Heating Mode (m3/hr)	215/180/150	450/400/330	490/430/360
Sound Pressure dBA@2M (Min/Max)	27 – 38	29.5 – 38.5	33 – 43
Refrigerant Gas	R410A	R410A	R410A
Power Supply (V)	230	230	230
Power Supply (Hz)	50	50	50
Diameter of Wall Holes (mm)	162	162/202	162/202
Maximum Remote Control Range (m/angle)	8 / +/- 80deg	8 / +/- 80deg	8 / +/- 80deg
Dimensions Without Packaging (mm)	978 x 491 x 164	902 x 526 x 229	902 x 526 x 230
Dimensions With Packaging (mm)	1060 x 595 x 250	980 x 610 x 350	980 x 610 x 350
Weight Without Packaging (Kg)	37	40	40
Weight With Packaging (Kg)	41	44	43
Warranty (years)	1	1	1



Typical split-system air conditioner
 Digitemp

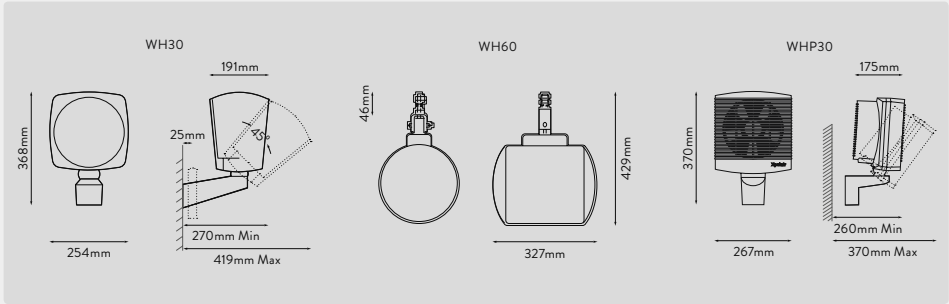
# WH30, WH60 & WHP30 Commercial wall-mounted fan heaters



The Xpelair WH range of space wall heaters are tough, compact and have stood the test of time to remain market leaders. The WHP30 is suitable for commercial applications such as shops, offices, domestic workshops and conservatories. WH30 and WH60 models provide robust and rugged heating solutions suitable for the most demanding industrial environments. The WH range comes complete with mounting brackets along with thermal safety cut-out. WHP30 and WH30 models are controlled by HC301 On/Off thermostatic controller.



Product Selector	WH30	WH60	WHP30
Reference Number	98392AC	00147AC	89999AW
Remote Switch (not supplied)	✓	✓	
Electrical Power (kW)	3	6	3
Phase	1	1 or 3	3
Air Delivery (m³/h)	274	311	300
Air Delivery (l/s)	76	86	83
Temperature Increase (°C)	26	45	30
Weight (kg)	5	6.5	2.9
UK Guarantee (years)	1	1	1



Product Features	WH30	WH60	WHP30
Reference Number	98392AC	00147AC	89999AW
Trade Price	£266.91	£370.40	£242.64
	3kW industrial fan heater   Compact wall-hung design   Heavy-duty steel casing with die-cast aluminium guards   Spiral-wound Nichrome wire element   Metal wall bracket   Multi-directional positioning – 180° horizontal swivel and 45° vertical tilt then locked in position   Wall bracket cover   Double safety feature of thermal cut-out with auto-reset and one-shot fusible link   Single-phase product   For cool air circulation facility and thermostatic heating control, use HC301 controller (not supplied)	6kW industrial fan heater   Wall or ceiling mounting with multi-directional positioning – 180° horizontal swivel and 45° vertical tilt then locked in position   Suitable for single and three-phase supplies   Operated by remote switch (not supplied)	3kW commercial fan heater   Fan heater complete with HC301 thermostatic controller   Compact wall-hung design   Flame-retardant polycarbonate / glass-filled nylon casing   Spiral-wound Nichrome wire element   Grey wall bracket   Multi-directional positioning – 180° horizontal swivel and 45° vertical tilt then locked in position   Double insulated with two thermal cut-outs   Finished in a white and grey casing   Single-phase product   For cool air circulation facility and thermostatic heating control, use HC301 controller (included)

# DCH3000A

## Commercial wall-mounted fan heaters



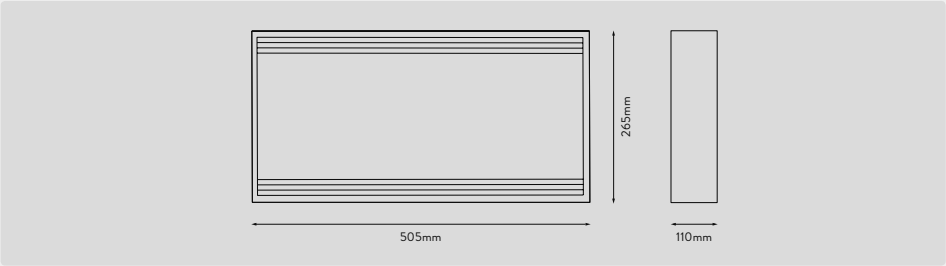
The wall-fitted DCH3000A fan powered heater circulates instant warmth into a room and is suitable for a variety of commercial applications including hallways, offices, pubs, restaurants, shops, hotel rooms and any busy area where reliable, comfortable heat is required. The heater offers a choice of three heat outputs and can be automatically regulated using the built-in thermostatic control. For all-year-round comfort, the heater becomes a circulation fan at the flick of a switch.



Product Selector	DCH3000A
Reference Number	90792AW
Thermostatic Control	✓
Electrical Power (kW)	3
No. of Heat Settings	3
Phase	1
Air Delivery (m³/h)	115
Air Delivery (l/s)	32
Colour	Brown/beige
Weight (kg)	4.5
UK Guarantee (years)	1

### Installation

Heater should be mounted no less than 305mm from the floor or 610mm from a ceiling and nearby objects. The unit must be mounted on an unbroken surface which completely covers the back panel.



Product Features	DCH3000A
Reference Number	90792AW
Trade Price	£210.69

# Air Purification

Models	Ventilation Type	Page Number
PureLife Infant Air Purifier	Compact air purifier for use in rooms up to 14m <sup>2</sup>	100
PureLife Family Air Purifier	Air purifier for use in rooms up to 16m <sup>2</sup>	102

Fighting the invisible enemy

We are all at risk from poor indoor air quality. Poor ventilation and inadequate air treatment can result in an increase of trapped stale, polluted air in the home.

This can have a serious impact on our health.

DID YOU KNOW?

15.3m

15.3million homes in the UK are at risk of 'Toxic Home Syndrome'.

40%

Nearly 40% of doctor diagnosed asthma cases in children under six years old, could be prevented if trigger sources in the home were eliminated.

81%

81% of people are at risk of suffering from a respiratory or dermatological condition because of poor air quality inside their home.

PureLife Infant Air Purifier  
Compact air purifier for use in rooms up to 14m<sup>2</sup>



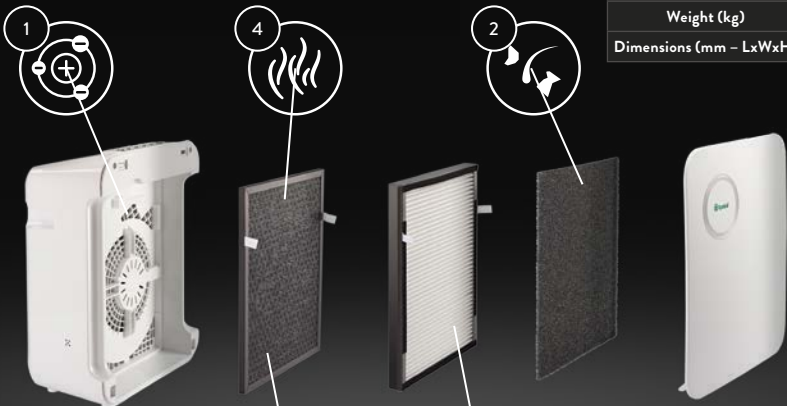
Key features

- Innovative 'sleep' mode activates near-silent operation and switches off obtrusive operating lights.
- Three speed options – low, medium, high – to adjust intensity and quickly purify rooms with poor air quality.
- Filter indicator alerts user when filters need changing or cleaning to maintain maximum performance.
- Air quality sensor detects the concentration of odours and displays blue, orange or red to indicate air quality.
- Timer function switches unit off after pre-set time, which can be set for up to eight hours.
- Lightweight, easy to carry unit with stylish design and simple push button operation.

PureCycle 5-stage air purification process

The PureLife Infant Air Purifier from Xpelair has been designed to provide protection against household allergens for babies and infants. Its unique LifeCycle five-step filtration system – ioniser, pre-filter, HEPA filter, active carbon filter and formaldehyde screen – ensures that your baby is always breathing clean air free from allergens and bacteria.

Product Selector	AP100
Reference Number	93148AA
Trade Price	£124.99
Speeds	4
Air Quantity (m <sup>3</sup> /h)	141
Sound Pressure Level (dBA)	26/40/43/46
Room Size (m <sup>2</sup> )	14
Voltage, Frequency	220 – 240V, 50Hz
Power Consumption (W)	48
Weight (kg)	4.2
Dimensions (mm – LxWxH)	310 x 180 x 388



- 1 Ioniser
- 2 Pre-filter
- 3 HEPA filter
- 4 Activated carbon filter
- 5 Formaldehyde screen

900

Indoor air may contain over 900 chemicals, particles and biological materials with potential health effects.

58%

58% of people have experienced mould or condensation in their home.

50

We spend more than 90% of our time indoors. Indoor air can be up to 50 times more polluted than outdoor air.

#### DID YOU KNOW?

## PureLife Family Air Purifier

Air purifier for use in rooms up to 16m<sup>2</sup>



### Key features

**Four speed options** – very low, low, medium, high – to adjust intensity and quickly purify rooms with poor air quality.

**Timer function** switches unit off after pre-set time, which can be set for up to eight hours.

**Lightweight**, easy to carry unit with stylish design and simple push button operation.

**Air quality sensor** detects the concentration of odours and displays blue, orange or red to indicate air quality.

**Filter indicator** alerts user when filters need changing or cleaning to maintain maximum performance.

### PureCycle 5-stage air purification process

The PureLife Family Air Purifier from Xpelair has been designed to rid your home of pollutants, allergens and bacteria for complete protection for your family. It features Xpelair's unique LifeCycle filtration system to remove everything from pet hair to tobacco smoke particles. With its five-step filtration process – ioniser, pre-filter, HEPA filter, active carbon filter and formaldehyde screen – the Family Air Purifier can be relied upon to leave the air in your home clean and fresh.

Product Selector	AP200
Reference Number	93147AA
Trade Price	£124.99
Speeds	4
Air Quantity (m <sup>3</sup> /h)	161
Sound Pressure Level (dBA)	26/42/44/47
Room Size (m <sup>2</sup> )	13 (16)
Voltage, Frequency	220 – 240V, 50Hz
Power Consumption (W)	45
Weight (kg)	4.5
Dimensions (mm – LxWxH)	320 x 200 x 495



1

Ioniser

2

Pre-filter

3

HEPA filter

4

Activated carbon filter

5

Formaldehyde screen



## Ventilation Ancillaries

Xpelair Domestic, Commercial, System and Commercial System ventilation products are supported by a full range of compatible switches, sensors and controllers for adjustment and operation of ventilation management. To complete installation, Xpelair also offer flexible and rigid ducting systems in several sizes and a comprehensive range of grille outlets and installation kit accessories.

## Sensors and Switches Models



<b>ConneX GX6 EC3 RF Controller</b>	92790AW	£72.93
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Suitable for use with GX6 EC3 RF models only. For use with up to 10 fans.



<b>ConneX RF Controller</b>	92796AW	£72.93
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2-speed RF controller for use with Xplus 2 EC RF | Trickle and timed boost (adjustable at installation)



### Manual Override Switch

<b>MOS</b>	90199AW	£22.04
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Switch 1: high/low speed | Switch 2: On/Off (or Off/trickle/vent according to fan option selected) | Surface or recess mounting | Used with: Premier DX200 and Premier DX400, DX400RS in conjunction with XRH | Remote Humidistat | w85 x h85mm



<b>Xplus X3SC</b>	91457AA	£65.56
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3-speed control switch suitable for Xplus 2 models.



<b>ConneX GX9/12 EC3 RF Controller</b>	92792AW	£72.93
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Suitable for use with GX9/12 EC3 RF models only. For use with up to 10 fans.



### Change Over Switch

<b>COS</b>	90108AW	£21.25
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Used to select between high and low speed operation | Surface or recess mounting | Used with: DX400, DX400T, DX400RS | Xplus 2, Xcell 150, 200, 600 | w85 x h85mm



### Time Delay Controller

<b>DT20B</b>	21850AW	£46.29
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Fan switches on with the lighting circuit | Ventilation run-on period after the light has been switched off | User adjustable up to 20 min | Surface or recess mounting | Supply voltage 220-240V 50Hz | Use with: GX6, GX9, GX12, WX6, WX9, WX12, PX6, PX9, PX12, RX6, RX9, RX12, DX200, DX400, DX100, X1L, CMF, CX10, LoVolt DX100 | w100 x h86 x d45mm | Delay timer period 30 sec - 20 mins | Amp inductive load 2.5A @ 240V AC



<b>ConneX GX6 EC3R RF Controller</b>	92791AW	£72.93
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Suitable for use with GX6 EC3R RF models only. For use with up to 10 fans.



<b>MS2</b>	23513AW	£27.56
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2-speed selector (normal or boost) | Surface or Recess mounting | w100 x h86 x d45mm



### Remote Humidistat

<b>XRH</b>	21856AW	£69.20
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Stand alone humidistat switches on when RH rises to preset level and off when it declines | Fan operation indicator light | Pullcord operated override switch | Surface or recess mounting | White finish | Supply voltage 220 - 240V 50Hz | Use with: GX6, GX9, GX12, WX6, WX9, WX12, PX6, PX9, PX12, RX6, RX9, RX12, DX200, DX400, DX100, X1L, CMF, CX10, GX6 | w160 x h86 x d45 mm | Amp inductive load 2A @ 240V AC

## Sensors and Switches Models



<b>Controller HC301</b>	21877AW	£76.58
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On/Off switch | Fan only/fan and heater options | Variable thermostatic control | Suitable for surface or recess installation | Colour: white | Used with WH30 and WHP30 | w210 x h86 x d41mm



### Single Fan Controller

<b>FR22/30</b>	21868AW	£74.58
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Sliding switches | On/Off | 2 speeds: low - high speed | Extract - intake airflow | Power 'On' indicator | For surface or recess mounting | Supply voltage: 220 - 240V 50Hz | Gloss white | Use with: GX9, GX12, WX9, WX12, PX9, PX12, RX9, RX12 | w210 x h86 x d41mm



### Inline Fan Controller

<b>XIC1</b>	21858AW	£65.18
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For fine tuning airflows | Slide switch control/manual operation | Provides selection of high/low extract speed | 'On' indicator light | Surface or recess mounting | Colour: white | w160 x h86mm | Amp inductive load 2A @ 240V AC



<b>Air Quality Sensor AQS</b>	92097AW	£54.05
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Provides fully automatic control | Detects contaminants such as cigarette smoke, body odours, toilet odours and cooking smells | Activates ventilation system when preset threshold level is exceeded | Can control up to six fans and accessories | Integral timer adjustable from 3 - 30 mins | LED status indicator | Surface or recess mounting | Supply voltage 220-240V 50Hz | w160 x h86 x d41mm | Amp inductive load 3A @ 240V AC | Alarm connection has maximum inductive load of 0.3A @ 240V AC



### Single Direction Group Fan Controller

<b>XCC1</b>	21859AW	£98.83
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Sliding switches and speed control knob | On/Off | Infinitely variable speed control | Single direction: extract or intake selected at installation | Power 'On' indicator | For surface or recess mounting | Supply voltage: 220 - 240V 50Hz | Gloss white | Use with: GX9, GX12, WX9, WX12, PX9, PX12, RX9, RX12 | Note: do not mix fan size. For use with up to 4 - size 12 or 6 - size 9 fans units | w160 x h86 x d45mm



### Timer and Boost Switch

<b>TBS</b>	90202AW	£22.84
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Provides switching between humidity control/manual operation | Provides selection of high/low extract speed | Surface or recess mounting | Used with: GX6HT2 | w85 x h85mm



### LoVolt Remote Humidistat

<b>LVH</b>	21863AW	£73.38
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A 12V SELV LoVolt humidistat | Switches automatically when the relative humidity reaches an adjustable pre-set point and switches off when the relative humidity drops | Pullcord override | Suitable for ambient temperatures up to 40°C | Use with: Premier LoVolt DX200, LoVolt DX100 | w160 x h86 x d45 mm



### Reversible Group Fan Electronic Controller

<b>EC6H</b>	21854AW	£121.41
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Sliding switches and speed control knob | On/Off | Infinitely variable speed control | Extract - intake airflow | Power 'On' indicator | For surface or recess mounting | Supply voltage: 220 - 240V 50Hz | Gloss white | Use with: GX9, GX12, WX9, WX12, PX9, PX12, RX9, RX12. Note: do not mix fan size. For use with up to 4 - size 12 or 6 - size 9 fans units | w160 x h86 x d45mm



### Passive Infrared Sensor

<b>XPIRA</b>	21871AA	£82.10
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Position to switch the fan on when body movement is detected. Ideal for infrequently used public spaces | Built-in run-on timer to avoid nuisance tripping | For indoor use only | Use with: GX6, GX9, GX12, WX6, WX9, WX12, PX6, PX9, PX12, RX6, RX9 & RX12, Premier DX200, DX400, DX100, CMF, CX10, GX6 | w86 x h86mm

## Sensors and Switches Models



<b>QCO2 indoor air quality</b>	96003AA	£106.83
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Monitors indoor air quality | Sensor for the Xcell QVW & QVI models | Surface mounting | w80 x h120 x d31mm



<b>Q3SP</b>	96005AA	£31.74
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3-speed selector (trickle, normal or boost) | Controller for Xcell QVW model | Surface mounting | Filter inspection indicator | Motor failure indicator | w74 x h74mm



<b>QHS Humidity Sensor</b>	96040AA	£123.37
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Detects humidity | Sensor for the Xcell QVW & QVI models | Surface mounting | w85 x h100 x d26mm



<b>ACS WJR RF controller and sensor</b>	96051AA	£122.40
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For central control using RF radio frequency to control multiple units | For use with Muro XRHM unit



<b>AQ DL 50 Air quality/humidity sensor</b>	96050AA	£183.24
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Air quality/humidistat sensor providing infinitely variable control between 10 – 45 m³/h | For use with Muro XRHM unit

## Sensors and Switches Models



### Ceiling Fan Controller

<b>AWC</b>	21857AW	£231.46
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De-stratification temperature controller supplied with two thermo sensors at high/low level monitoring between preset minimum and maximum values. For the simultaneous speed control of 1 to 10 Whisoair units.



### Electronic Speed Controller XCW1

<b>1AMP XCW1.1</b>	89903AA	£58.93
<b>3AMP XCW1.3</b>	89904AA	£62.82
<b>6AMP XCW1.6</b>	90408AA	£78.05

Electronic speed control | Provides On/Off and infinitely variable speed control | Fan operation indicator light | Surface or recess mounting | w160 x h86mm



### Ceiling Fan Controller

<b>WAC1</b>	21852AW	£27.03
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Single fan controller



### 5-Step Transformer Speed Controller T1/T3

Single phase		
<b>T1-1.5A IP54</b>	91367AA	£109.82
<b>T1-3.5A IP54</b>	91368AA	£119.27
<b>T1-6A IP54</b>	91369AA	£160.23
<b>T1-7.5A IP54</b>	91370AA	£180.90
<b>T1-12A IP21</b>	91371AA	£300.04

Three phase		
<b>T3-1A IP54</b>	91361AA	£213.09
<b>T3-2A IP54</b>	91362AA	£231.52
<b>T3-3A IP54</b>	91363AA	£296.02
<b>T3-5.2 IP54</b>	91364AA	£361.70
<b>T3-7A IP21</b>	91365AA	£385.29
<b>T3-14A IP21</b>	91366AA	£700.21

In single and 3 phase suitable for speed control of all speed controllable fans | Robust light grey ISO sealed casing | Rotary switch | Fully integrated transformer ISO class II, T40 E conforms to VDE 0550 | Max. ambient temp. +40°C | Automatic reconnection after mains failure | Integrated status signal lamp | Surface mounting



### Ceiling Fan Controller

<b>WAC6</b>	21853AW	£41.46
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Group fan controller

<b>WAC6R</b>	21878AW	£54.06
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Group fan reversing controller



### Starter and Thermal Overload Protection STP

STP1 Single phase		
<b>0.4 – 10A</b>	91372AA	£38.79



STP2 Three phase		
<b>0.1 – 25A</b>	91373AA	£130.91

For single-phase fans with thermal contact, leads wired to a terminal block and single speed three phase fans with thermal contacts. Used with motors of higher performance where the thermal contacts or PTC thermistors are wired to the terminal block and must be connected to a motor protection device | On/Off push button operations | Manual reset after failure (not after power loss) | Volts free contact for connection of alarm | IP55 enclosure | Surface mounting | w80 x h150 x d98mm

## Profile 25M & 29 Ducting – Flat metal and rigid plastic ducting systems

### Models















Product Profile 25 (230mm X 25mm)		
<b>FMD</b> Flat ducting 2.4 metre length		89758AA
		£44.66
<b>FMH90</b> Horizontal 90° bend		89759AA
		£23.84
<b>FMTB</b> Transition/air brick		89760AA
		£27.15
<b>FMP</b> Plenum box		89761AA
		£29.43
<b>FMV90</b> Vertical 90° bend		89762AA
		£22.96
<b>FMC</b> Coupling (boxed in 6s)		89764AA
		£39.84

Product Profile 29 (234mm x 29mm)		
<b>XFD</b> Flat channel duct	1m	91104AA
		£23.72
	1.5m	91105AA
		£17.51
	2m	91106AA
		£28.03
<b>XFC</b> Flat channel connector		91107AA
		£2.82
<b>XFH90</b> Horizontal 90° bend		91108AA
		£7.78

Product Profile 29 (234mm x 29mm)		
<b>XFV90</b> Vertical 90° bend		91110AA
		£5.89
<b>XFV45</b> Vertical 45° bend		91111AA
		£6.24
<b>XFEP</b> Elbow bend/plenum 100mm spigot (female)		91112AA
		£7.37
<b>XFRRRA</b> Round to Rec adaptor 100mm spigot (female)		91113AA
		£9.60
<b>XFS</b> Support clip (packs of 10)		91114AA
		£3.60
<b>XFLAA</b> Long airbrick adaptor		91102AA
		£10.30
<b>XFAF</b> Airbrick fascia terracotta		91103AA
		£4.18
<b>XFAS</b> Airbrick soldier course		91246AA
		£10.56
<b>WD100</b> 100mm Ø wall duct		89543AA
		£9.09

## Profile 54, 60 & 90 Ducting – Rigid plastic flat ducting systems

### Models

		Product Profile 54 (110x54mm)		Profile 60 Dims (204x60mm)		Profile 90 Dims (220x90mm)	
Flat ducting		1m	FPD5150	92451AA £12.35	FPD100 89755AA £12.19	FPD9100 92325AA £26.70	FPD9150 92315AA £29.06
Coupling		1.5m	FPC5	92452AA £2.30	FPC 89757AA £5.06	FPC9	92316AA £7.15
Mounting Bracket			FPB5 (per box of 10)	92519AA £5.85	FPB (per box of 10)	FPB9 (per box of 10)	92314AA £15.23
Horizontal 90° bend			FPH590	92453AA £5.22	FPH90 89754AA £10.41	FPH990	92317AA £14.91
Horizontal adjustable bend			FPH545	92456AA £5.60	FPH45 89750AA £11.57	FPH945	92319AA £19.33
Vertical 90° bend			FPV590	92454AA £4.88	FPV90 89753AA £8.70	FPV9590	92318AA £11.59
Vertical 45° bend			FPV545	92517AA £4.88	FPV45 92537AA £12.89	FPV945	92545AA £18.60
T Piece			FPT5	92455AA £7.89	FPT 90091AA £16.00	FPT9	92515AA £29.81
Flexible Ducting 0.5m			FPF5	92510AA £5.08	FPF 91484AA £5.08		
Plenum bend		100mm Ø	FPP5100	92457AA £4.91	FPP100 89752AA £7.54	FPP125 91259AA £10.69	FPP150 91483AA £10.69
		125mm Ø					
		150mm Ø					
Round to rectangular adaptor			PRA5	92511AA £5.92	PRA 91482AA £12.99	PRA9	92320AA £18.58
Fire damper collar			PBF5	92514AA £26.98	FBF 91975AA £69.89	FBF9	92516AA £121.42
Air brick adapter		Single	FPA5	92513AA £3.23	FBA6 92313AA £10.10	FPA9	92323AA £7.28
		Double					
Wall outlet grille		Single			FPG 89751AA £4.01	FPG9	92324AA £15.78
		Double					

## Ducting Models



### Flexible Ducting Xflex FD

	Dia (mm)	Length (m)		
FD100	100	3	89663AA	£16.23
		6	89669AA	£20.58
FD125	125	3	89664AA	£18.83
		6	89670AA	£23.84

Commercial Diameters				
FD150	150	3	89665AA	£22.34
		6	89671AA	£26.23
FD200	200	3	89666AA	£29.69
		6	89672AA	£58.37
FD250	250	3	89667AA	£37.26
		6	89673AA	£74.43
FD315	315	3	89668AA	£50.68
		6	89674AA	£98.56

Glass fibre fabric on a PVC coated close pitch steel wire helix. 54 minute fire integrity from within as measured to BS 476: Part 20 - (1987) | Can be interlocked and sealed with duct tape to form an airtight seal | Attached to spigots using worm drive clips



### Insulated Circular Plastic Ducting

	Dia (mm)	Length (m)		
CPD125	125	2	91474AA	£42.04
CPD150	150	2	91475AA	£48.37

### Uninsulated Circular Plastic Ducting

	Dia (mm)	Length (m)		
CPDN100	100	2	92538AA	£27.95
CPDN125	125	2	92539AA	£33.68
CPDN150	150	2	92540AA	£37.96



### New Aluminium Flexible Ducting Xflex ALU

	Dia (mm)	Length (m)		
ALU100	100	10	91435AA	£47.23
ALU125	125	10	91436AA	£58.48
ALU150	150	10	91437AA	£64.95

Commercial Diameters				
ALU200	200	10	91438AA	£67.31
ALU250	250	10	91439AA	£72.16
ALU315	315	10	91440AA	£75.91
ALU400	400	10	91441AA	£105.03

Tough foil construction on a high strength wire helix | Over 40 minute fire rating BS 476: Part 20 (1987)



### Insulated Circular T-pieces

	Dia (mm)		
ICT125	125	91476AA	£25.00
ICT150	150	91477AA	£48.66

### Uninsulated Circular T-pieces

	Dia (mm)		
ICTN100	100	92550AA	£9.50
ICTN125	125	92551AA	£11.46
ICTN150	150	92552AA	£14.14



### Thermal Flexible Ducting Xflex TFD

	Dia (mm)	Length (m)		
TFD100	100	10	91459AA	£60.73
TFD125	125	10	91460AA	£70.85
TFD150	150	10	91461AA	£85.47

Commercial Diameters				
TFD200	200	5	89850AA	£72.60
TFD250	250	5	89851AA	£104.58
		10	91463AA	£89.93
TFD315	315	5	89852AA	£110.99
		10	91464AA	£139.44

Double skinned insulated aluminium duct with high density fibreglass insulation to minimise condensation formulation | 25 minute fire integrity from within as measured to BS 476: Part 20 - (1987)



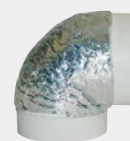
### Insulated Circular Plastic 45° Bends

	Dia (mm)		
CPE125	125	91480AA	£14.44

### Uninsulated Circular Plastic 45° Bends

	Dia (mm)		
CPEN100	100	92542AA	£9.61
CPEN125	125	92543AA	£11.76

## Ducting & Accessories Models



### Insulated Circular 90° Bends

	Dia (mm)		
CPDN100	100	92538AA	£27.95
CPDN125	125	92539AA	£33.68



### Y Piece Splitters YPS

	Duct Dia (mm)		
YPS1	100x100x100	91281AA	£32.26
YPS1.25	100x100x125	92243AA	£29.86
YPS2	100x100x150	91282AA	£32.26
YPS3	125x125x125	91283AA	£32.26
YPS4	125x125x150	91284AA	£32.26
YPS5	150x150x150	91285AA	£32.26
YPS6	150x150x200	91286AA	£32.26
YPS10	250x250x250	91290AA	£45.11
YPS11	250x250x300	91291AA	£46.05

Fire retardant ABS moulded splitters | Leading lip for improved fixing to flexible ducting | Space saving two component construction



### Autoflow 100

Passive Air Input Unit	91296AW	£55.76	

Self regulating, adjusts airflow with outside temperature | Range -5 - +10°C | White ABS material | Telescopic wall tube 270mm



### Circular Plastic Connectors

	Dia (mm)		
CPC100	100	92535AA	£2.87
CPC125	125	91485AA	£5.12
CPC150	150	91486AA	£6.25



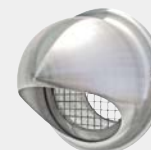
### Profile 150 Wall Cowl

Black metal wall cowl with square mesh



### Profile 150 Roof Cowl

Complete with flashing for roof pitches 25 - 45°C | For Xcell MVHR installations (2 required)



### Bull-nose Vent Grille

BVG100SS	92486AA	£28.56	

100mm dia stainless steel



### Circular Plastic Adaptors

	Dia (mm)		
CPA125/100	125	91487AA	£3.30
CPA150 /125	150	91488AA	£3.66
CPA180/150	180	92520AA	£12.58
CPA200/150	200	91489AA	£4.01



### Coweled Outlet

CO100SS	92484AA	£17.15	

100mm dia stainless steel with non-return flap

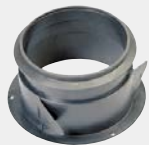


### Wall Grille Gravity Vent

GV100SS	92485AA	£16.30	

100mm dia stainless steel

## Accessories Models



### Extract Grilles

For use in en-suites, bathrooms, kitchens and utility rooms.

#### RegulAir ceiling spigot XECS

Factory set to the exhaust volume requirement for a room | No site balancing is necessary and the performance cannot be tampered with after insulation | Pushed into the 125mm ceiling adaptor after decorating is complete as part of the second fix | Additional fixings not necessary | Complete with rubber seal

RegulAir XEE 8-16 bathroom/ utility grille	91442AA	£53.22
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Preset volume regulator. 8l/s trickle ventilation | Electric damper opens to 16l/s



### Circular Air Valves CAV

	Dia (mm)		
CAV100	100	89682AA	£21.05
CAV125	125	91490AA	£11.75
CAV150	150	89683AA	£22.76

Valve has adjustable centre disc | Multi-inlets/outlets | Flexible ducting (FD) can be terminated at the valve

### Circular Air Valves CAV FD

	Dia (mm)		
CAV125FD	125	91495AA	£82.34

Circular air valve with integral fire damper



RegulAir XEP 8-16 bathroom/ utility grille	91444AA	£47.83
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Preset volume regulator. 8l/s trickle ventilation | Pullcord opens to 16l/s

RegulAir XEH 8-16 bathroom/ utility grille	91445AA	£74.94
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Preset volume regulator. 8l/s trickle ventilation | Non-electric humidistat opens to 16l/s



RegulAir XEV 6-12 sanitary accommodation	91446AA	£68.59
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Preset volume regulator. 6l/s trickle ventilation | PIR opens to 12l/s

Fire Cuff 125	23314AA	£25.46
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Ø125mm fire cuff

Female Cuff 125	23349AA	£3.76
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Ø125mm female connector for CAV125



### Input Grilles

For use in bedrooms, halls and living rooms etc.

RegulAir XEI 125 input grille	91451AA	£17.89
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Hinged diffuser 125 with a distribution pattern allowing installation in the corner of the room | 125mm diameter to fit into RegulAir ceiling adaptor | Also available in 100mm dia

RegulAir XEI 100 input grille	91450AA	£17.13
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XEVE 8 8l/s	91448AA	£17.58
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RegulAir XEV induct constant airflow valve | Duct mounted regulator maintains a constant return flow volume to bedrooms etc. | Fits 125mm Profile 150 or Xflex duct

## Accessories Models



### Worm Drive Clips WDC

	Dia (mm)		
WDC5	100 - 125	89684AA	£19.99
WDC8	150 - 200	89685AA	£23.89
WDC13	250 - 315	89686AA	£37.70

Steel clips for connecting flexible ductwork to spigots | Supplied in packs of 10



### Ceiling Kit XCMK

XCMK	90066AA	£7.29
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Allows a sealed ceiling mounting of ducted products | Compete with ceiling adaptor tube 105.7mm dia, rubber gasket and foam strip | Used with: Premier DX200, DX400



### GX Wall Kits WK

	Dia (mm)		
WK6/8	200 (GX6)	89369AA	£15.69
WK6/11	280 (GX6)	89370AA	£15.69
WK9/8	200 (GX9)	89371AA	£21.07
WK9/11	280 (GX9)	89372AA	£21.07
WK12/8	200 (GX12)	89373AA	£24.80
WK12/11	280 (GX12)	89374AA	£24.80

For bridging cavity walls and lining double brick walls | Steel wall liner | Length: 200mm and 280mm | Set of 508mm ladder strips



### Premier Grease Filters PDXGF

Premier 200 range

PDXGF	90548AA	£5.84
PDXGF4	91145AA	£7.54

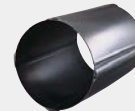
For Premier units in kitchen applications | Fits behind the inlet | Material: self extinguishing black polyester foam



### Vent Cowl VC

VC10	89531AA	£20.56
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Provides weather protection for a 100mm PVC rigid ducted outlet | Pushfit and should be secured with solvent adhesive | Material: PVCu | Colour: Grey | Used with: Premier DX200, DX400, DX100 axial models in exposed situations | Cowl diameter: 200mm | wØ201 x h101 x inner Ø110mm



### Extendable Interlocking Wall Kits WK6

WK6/300	90085AA	£12.52
WK6/450	90086AA	£16.90

For bridging cavity wall constructions, or lining solid double brick walls | Interlocking facility to build up to required length | Available in 300mm or 450mm lengths | Complete with 508mm ladder strips



### Wall Ducts WD

	Duct Dia (mm)		
WD100	100	89543AA	£9.09
WD125	125	89703AA	£12.40
WD150	150	89704AA	£13.38
WD200	200	89705AA	£15.30
WD250	250	89706AA	£16.18
WD315	315	89707AA	£19.48

For bridging cavities or lining solid exterior walls



### Glass Mounting Kits GMK & DXDG

GMK	90546AA	£16.91
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Used for installing Premier DX200 and CF20 models in a window | Glass thickness: 4 - 28mm

DXDG	07439AA	£8.87
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Allows DX100/LV100 to be mounted in double-glazed panels from 6 - 46mm thick



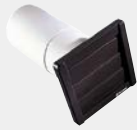
### Condensation Trap XCT100

XCT100	89749AA	£13.82
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For use with 100mm dia ducting | Prevents condensed water running back down the duct towards the fan in vertical PVCu pipe ducted applications (not suitable for use in a flexible duct run) | Collected water must be piped to a convenient disposal point | Colour: Grey | 20mm drain off point | Material: PVCu | Length: 85mm



## Accessories Models



Wall Vent Kit VK10	89120AW	£14.24
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To bridge a cavity or line a solid wall hole | Complete with wall duct (WD), 155mm square external back-draught shutter, foam strip and wall fixings | Grille w155 x h155mm | Wall hole Ø117mm



### Exterior Storm Cowl XXSCW & XXSCB

	Colour		
XXSCW	White	90461AW	£6.20
XXSCB	Brown	90462AB	£6.20

Provides protection against severe backdraughts and water ingress | Fitted with gravity flap damper | Wall mounted | 100mm spigot | Used with: 100mm axial fans



### Fire Damper XFC

	Dia (mm)		
XFC100	100	89843AA	£55.88
XFC125	125	89844AA	£61.46
XFC150	150	89845AA	£65.38
XFC200	200	89846AA	£93.12

For ducts, walls and ceilings | Should not be fitted into flexible ducting | Wall or duct in which XFC is fitted should have a rated fire integrity in accordance with Building Regulations Part B | Provides full 1 hour fire check | Closing temperature 72°C | Low temperature drop | Tested at Warrington Fire Research Centre to BS476 Part 20



Airbrick Adaptor XAA	89777AA	£48.76
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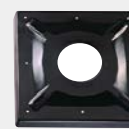
A fabricated GSM 340mm sleeve to bridge a cavity and line a solid wall | Connects to 100mm duct | Includes an air brick | GSM adaptor | Used with all 100mm fans | w220 x h65 x d340 Ø100mm



### Wall Grille Gravity Shutter XXWG4

	Colour		
	Grey	89687AA	£37.59
	White	89538AA	£30.45

Protected duct outlet fitted with gravity flaps | Ø100mm connection | Dimensions: w155 x h155 x d15mm



### Roof Mounting Plates XRP

XRP6 (RX6)	00370AK	£191.44
w592 x h542 x d89 Ø105mm		
XRP9 (RX9)	00371AK	£201.61
w774 x h774 x d101 Ø257mm		

Provides effective and secure installation in flat roof applications | Flame-retardant resin bonded fibre glass | Requires the installer to build a kerb onto which plate is fixed | Always use sealant to bed in the outer cowl seal for weatherproof joint | Colour: black



Wall Kit XXSWK4	90333AW	£11.23
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100mm wall kit consists of wall duct, internal and external grille foam strips and wall fixings | Used with: XXS100 | Wall hole Ø117mm



### Louvred Wall Grille LG

	Dia (mm)		
LGW125	125	91492AA	£11.12
LGB125	125	91493AA	£11.12

Available in white and brown



### Wall Grille CFWG

	Colour		
CFWG100	Grey	89215AB	£7.55
CFWG100	White	89742AW	£7.26
CFWG150	Grey	89690AB	£10.70
CFWG150	White	89857AW	£10.84

Surface-mounted exterior wall outlet grille | For use with 100mm/150mm nominal size ducting | Fixing screws provided | Use with: 100mm axial variants | Dimensions: w150 x h150 x d13mm (CFWG100), w217 x h217 x d24mm (CFWG150)

## Accessories Models



### Termination Ducting Kit WT

	Dia (mm)		
WT10	100	89538AA	£30.45
WT15	125	89687AA	£37.59

For through-wall application | Complete with exterior grill, wall duct and spigot plate | Ducting can be attached to spigot | Wall hole Ø117mm



Darkroom Cowl DC9	98409AK	£110.98
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For use in scientific and photographic applications | Replaces the outer grille on GX9 and GXC9 models | Roof, window or wall mounting | Hole Ø257mm | Colour: black | Use with: GX9, GXC9. w475Ø d144 x 117mm



Easy-Fix Termination Kit EFT	90427AA	£24.87
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Designed to be installed from inside a building through a cored out to Ø115mm (nominal) hole drilled in brickwork | Easily cut to length | Simple installation save times and cost | Four sealing rings provide a watertight seal in the external wall | Used with: Premier DX200, CF20 | Not suitable for 100mm axial fans | Length: 465mm



### Roof Cowls RC

RC6 (GX6, GXC6)	89997AW	£82.88
RC9 (GX9, GXC9)	90048AW	£94.15
RC12 (GX12)	90092AW	£110.88

### Roof Cowls XRC

XRC315-350	92364AA	£215.73
Ø315 - 350mm Roof Cowl		
XRC400-450	92365AA	£309.97
Ø400 - 450mm Roof Cowl		
XRC500-550	92366AA	£366.58
Ø500 - 550mm Roof Cowl		
XRC630-710	92367AA	£486.20
Ø630 - 710mm Roof Cowl		

For use in roof applications | The cowl is fitted in place of an exterior grille | Can also be used in exposed window or wall applications subject to strong prevailing winds



### Air Replacement Door Grilles DG-W DG-B

	Colour		
DG-W	White	89529AA	£12.06
DG-B	Brown	89530AA	£12.18

Tight closing bathroom/toilet doors prevent air circulation to the fan | Air replacement grilles permit air to flow into the room with the door shut | Slimline design | Consists of two grilles and fixings | Minimum door thickness 35mm | Dimensions: w454 x h90mm overall, w435 x h77mm hole



Simply Silent™ Replacement Baffle

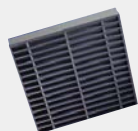
SSSB Square	92957AW	£12.00
SSRB Round	92958AW	£12.00



GX Longer Length Ladder Strips

GXL20 (20 pack)	89382AA	£36.21
GXL50 (50 pack)	89383AA	£82.09

Used when installing GX fans through walls | Length: 508mm | Easy to cut | GX6 & GXC6: 2 strips | GX9 & GXC9: 3 strips | GX12: 4 strips



Fire Blocks FB

FB20	89835AA	£91.26
w200 x h200mm		
FB30	89836AA	£129.19
w300 x h300mm		

For use with air replacement grille (ARG) | Fitted between two grilles in a fire door or compartment | Spec fire rated 60 mins to BS478 Part 8



Simply Silent™ Wall Kit

SSWKWR Round/White	92991AW	£18.00
SSWKWS Square/White	92992AW	£18.00
SSWKBR Round/Brown	92993AB	£18.00
SSWKBS Square/Brown	92994AB	£18.00

Simply Silent™ Window Kit Plus

SSWIN+	93235AA	£28.00
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Simply Silent™ Adaptor Kit

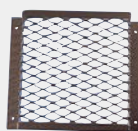
SSAK	93061AA	£24.00
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Simply Silent™ Round Wall Kit

Colour		
SS150WKWR White	93190AW	£23.33
SS150WKBR Brown	93191AB	£23.33

Simply Silent™ DX150 Wall Kit

93021AW	93021AW	£21.00
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Protective Wall Grilles PG

PG6 (GX6, GXC6, WX6)	89375AA	£71.14
PG9 (GX9, GXC9, WX9)	89376AA	£70.16
PG12 (GX12)	89377AA	£75.68
PGW12 (WX12)	90204AA	£89.27

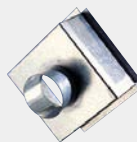
For use with GX and WX fans to protect the exterior grille from damage by vandals | Constructed from steel mesh and finished in black epoxy powder paint | Surface-mounted to exterior wall using fixing screws and wall plugs provided | w356 x h305 x d67mm



Air-Replacement Grilles ARG

ARG20	89833AA	£68.97
w200 x h200mm		
ARG30	89834AA	£93.07
w300 x h300mm		

For use with all commercial fans | Fitted to doors or partition walls to provide adequate air replacement for a fan | Can be used in conjunction with Fire Block FB in fire doors and panels to prevent the breach of fire protected areas or compartments | Each set comprises of 2 grilles



Grille Box GB

Duct Square		Dia (mm)	
GB20/100	100	200	89676AA £27.51
GB20/125	125	200	89677AA £27.51
GB20/150	150	200	89678AA £27.51
GB30/200	200	300	89679AA £34.25
GB30/250	250	300	89680AA £34.25
GB45/315	315	450	89681AA £51.95
GB50/315	315	500	89828AA £64.95
GB60/400	400	600	90296AA £77.94

Used in conjunction with egg-crate ceiling grille and ceiling diffuser grille to connect to ductwork | Use Xflex FD or TFD to attach to spigot and secure with worm drive dip



Spigot Plates SP

Duct Square		Dia (mm)	
SP100	100	180	92644AA £15.36
SP125	125	175	89698AA £24.98
SP200	200	250	92647AA £21.93
SP250	250	300	92648AA £29.53
SP315	315	365	92649AA £31.54

Fixes to the interior surface of wall to connect to Xflex ducting | Connect duct using worm drive clips | Material: metal



Air Volume Dampers AVD

Square (mm)		Dia (mm)	
AVD20	200	89829AA	£23.62

Clips directly to an egg-crate grille or ceiling diffuser grille to adjust the volume of air entering the room | Lever adjustment | Depth 44mm | Used together with Grille Box and Xflex ducting | Material: Aluminium Mill finish



Egg-crate Ceiling Grilles CG

Square – Satin Silver		Dia (mm)	
CG20S	200	89675AA	£30.41
CG30S	300	89532AA	£44.87
CG45S	450	89533AA	£69.27
CG50S	500	89827AA	£105.57
CG60S	600	90295AA	£119.27

Square – White		Dia (mm)	
CG20W	200	89823AW	£30.43
CG30W	300	89824AW	£44.87
CG45W	450	89825AW	£69.27
CG50W	500	89826AW	£105.57

Can be used on ceilings or internal walls as an air replacement grille with large free area | Aluminium construction | Fixing screws provided (not size 600) | Use with grille boxes and Xflex ducting | Colours: satin silver or white



External Louvre Grilles EG

Duct (mm)		Square (mm)	
EG30	300x300	89534AA	£67.85
EG45	450x450	89535AA	£111.99
EG50	500x500	90538AA	£137.41
EG67	670x670	90539AA	£208.11

Weather-resistant, recess-mounting fixed louvre grille for exterior walls | Aluminium construction | Fitted bird guard



Ceiling Diffuser Grilles DG

Square – Satin Silver		Dia (mm)	
DG20S	200	89816AA	£37.48
DG30S	300	89818AA	£53.49

Square – White		Dia (mm)	
DG20W	200	89815AW	£33.09
DG30W	300	89817AW	£61.23

For air input systems terminating at ceilings and internal walls | Adjustable grille vanes to set up direction of airflow for a particular area | Fixing screws provided (not size 600) | Use with grille boxes and Xflex ducting | Aluminium construction | Colours: satin silver or white

4-Way Diffuser

DG50W	89821AW	£143.90
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Air Operated Louvre Shutters XLG

Square (mm)		Square (mm)	
XLG100	100	89691AA	£6.74
XLG120	120	89692AA	£8.50
XLG150	150	89693AA	£11.93
XLG200	200x200	89694AA	£25.90
XLG250	250x250	89695AA	£29.41
XLG315	315x315	89696AA	£38.07
XLG400	400x400	90294AA	£49.91

Plastic construction | Fixed to outside of exterior wall | Air operated | Colour: white





#### Air Operated Louvre Shutters XLS

	Duct (mm)		
<b>XLS315</b>	315x315	89905AA	£66.40
<b>XLS350</b>	350x350	91144AA	£78.20
<b>XLS400</b>	400x400	89906AA	£81.95
<b>XLS450</b>	450x450	89907AA	£90.58
<b>XLS500</b>	500x500	90540AA	£117.14
<b>XLS670</b>	670x670	90541AA	£308.46

Aluminium construction | Fixed to outside of exterior wall | Air operated | Use with: XPM



#### Flexible Duct Connectors

<b>FFC1-125</b>	90297AA	£26.24
Ø125mm flexible duct connector		
<b>FFC2-150</b>	90298AA	£28.62
Ø150mm flexible duct connector		
<b>FFC3-200</b>	90299AA	£29.44
Ø200mm flexible duct connector		
<b>FFC4-250</b>	90300AA	£29.80
Ø250mm flexible duct connector		
<b>FFC5-315</b>	90301AA	£34.71
Ø315mm flexible duct connector		
<b>FFC6-400</b>	90302AA	£42.84
Ø400mm flexible duct connector		



#### Four Way Ceiling Diffusers FW

	To Fit Square Duct Size (mm)		
<b>FW225</b>	225x225	91424AA	£23.59
<b>FW300</b>	300x300	91425AA	£26.59
<b>FW500</b>	500x500*	91429AA	£63.94

\*Outer frame dim. 600x600 | Rigid lightweight polypropylene frame | Four drop-in diffuser cassettes can be set up for angled or downward diffusion | Each cassette can be fitted eight ways providing multi-directional air patterns | Secret fixings adjust to varying plasterboard and tile thickness without surface screws | Largest size drops into 600x600mm ceiling grid system



#### Short Case Axial Fan Xtras SCX

	Fan Size (mm)		
<b>SCX315</b>	(XSCA315)	91317AA	£163.06
<b>SCX350</b>	(XSCA350)	91318AA	£173.68
<b>SCX400</b>	(XSCA400)	91319AA	£178.71
<b>SCX450</b>	(XSCA450)	91320AA	£186.38
<b>SCX500</b>	(XSCA500)	91321AA	£191.99
<b>SCX630</b>	(XSCA560)	91322AA	£221.38

Installation pack comprising of: 2 steel matching coupling flanges | 2 flexible connectors | 4 worm drive clips | 2 mounting feet | 4 anti-vibration mounts



#### Spigot Plate/Damper FWS

	Diff Square (mm)	Spigot Dia (mm)		
<b>FWS150</b>	225x150	150	91430AA	£22.76
<b>FWS200</b>	225x200	200	91431AA	£22.76
<b>FWS250</b>	300x250	250	91432AA	£28.38
<b>FWS300</b>	350x300	300	91456AA	£36.25

Interlock with four-way diffusers | Sloping spigot and barbs for easy duct attachment | Built-in air volume damper in spigot sizes up to 300mm



#### Solid Duct Fasteners XMK

	Duct Dia (mm)		
<b>XMK100</b>	100	89618AA	£19.97
<b>XMK125</b>	125	89619AA	£21.52
<b>XMK150</b>	150	89620AA	£23.44
<b>XMK200</b>	200	89621AA	£25.82
<b>XMK250</b>	250	89622AA	£30.03
<b>XMK315</b>	315	89623AA	£36.65

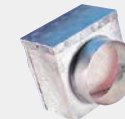
For connecting XID and XIDP fans to rigid ductwork | Supplied in pairs | Metal clamping band with vibration absorbent foam



#### Backdraught Shutters XBD

	Duct Dia (mm)		
<b>XBD100</b>	100	89636AA	£12.99
<b>XBD125</b>	125	89637AA	£15.36
<b>XBD150</b>	150	89638AA	£18.89
<b>XBD200</b>	200	89639AA	£31.88
<b>XBD250</b>	250	89640AA	£38.97
<b>XBD315</b>	315	89641AA	£46.05

GSM construction | Spring loaded flaps | For use with XID, XIDP and cabinet fans | Fits between two lengths of ducting which are secured to the outside with worm drive clips when using Xflex FD ducting or with solid duct fasteners for solid ducting



#### Bag Filter Cassettes CFC

	Duct Dia (mm)	Box Sq. (mm)		
<b>CFC1-125</b>	125	155	90285AA	£75.08
<b>CFC2-150</b>	150	180	90286AA	£84.48
<b>CFC3-200</b>	200	230	90287AA	£91.52
<b>CFC4-250</b>	250	280	90288AA	£97.35
<b>CFC5-315</b>	315	345	90289AA	£107.94
<b>CFC6-400</b>	400	430	90290AA	£145.46

GSM construction | Simple but effective inline filtration | Filter medium EU3 | 92% efficient to BS 2831 number 2 test | All filter boxes are 130mm deep | Lid secured by screw on 2 sides



#### Circular Silencers SIL

	Duct Dia (mm)	Lgth (mm)	Dia (mm)
<b>SIL100</b>	100	300	200
89837AA		£67.32	
<b>SIL125</b>	125	300	225
89838AA		£75.37	
<b>SIL150</b>	150	300	250
89839AA		£102.51	
<b>SIL200</b>	200	300	300
89840AA		£146.72	
<b>SIL250</b>	250	300	350
89841AA		£171.73	
<b>SIL315</b>	315	300	415
89842AA		£223.76	

For use with all circular duct systems | For rigid ductwork the spigot incorporates a duct seal for leak-free construction | GSM construction

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