

product catalogue

Glen Dimplex Heating & Ventilation

At Glen Dimplex Heating & Ventilation we are committed to supporting the most forward-thinking, efficient and sustainable industry-leading brands. With our combined enthusiasm and dedication to developing the very best heating, hot water and ventilation solutions, you can feel assured that the products, services and systems created by our brands are:

Innovative - in their product design, technology and manufacture

Expert - in their application of technical knowledge and industry experience

Proven - from historically defining markets for more than 760 years collectively

Trusted - worldwide to meet the highest standards of safety, quality and ethics



Driven by knowledge and innovation

The Glen Dimplex Heating & Ventilation brands, with their extensive experience and ever-increasing collective product portfolios, assist and excel in new build specification, refurbishing and upgrading of residential, commercial and public-sector buildings.

Our popular brands make us the market leader in electric heating appliances in Europe and a leading player in decorative electric and gas fires and solid fuel stoves. Glen Dimplex Heating & Ventilation's focus is the design, development and manufacture of professionally installed heating and ventilation systems for residential and commercial buildings, ranging from smart electric heating systems using the latest control and communications technologies, through to heating, cooling and ventilation systems, encompassing heat pumps, Mechanical Ventilation and Heat Recovery (MVHR) systems and a range of heat emitters.

In the electric heating industry, our brands' portfolios include the UK's most popular ranges of storage and panel heating, expertise in portable heating solutions and an impressive variety of innovative gas and electric fires. In ventilation they cover domestic and commercial ventilation systems for single rooms or entire buildings as well as portable air treatments. And from their work in hot water solutions; our brands have developed various instantaneous and stored hot water systems, suited to both consumer and professional needs.



About Xpelair

Xpelair is a recognised brand in the manufacturing and development of sustainable, eco-friendly ventilation products. From bathroom fans and whole-house heat recovery units to commercial ventilation systems, Xpelair's 55 years of experience and range of over 300 products offers specifiers a competitive choice based on quality, ease of installation, reliability and competitive pricing.

Current regulations require ventilation systems to be chosen with care, and through close and constant monitoring, all Xpelair products ensure regulations and approvals for most applications can be met - utilising modern ventilation technologies to create clean, fresh indoor air.



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Domestic Ventilation Solutions



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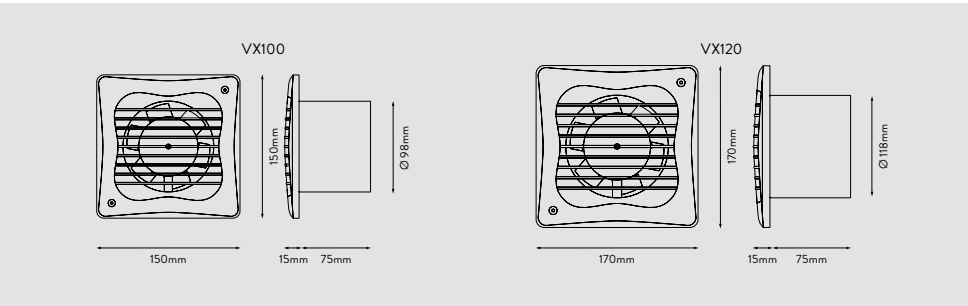
VX100 & VX120

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. VX120 also suitable for utility rooms. Suitable for wall fitting, both VX100 and VX120 are available in standard and timer variants.

Key Features

- Single speed
- AC motor
- Wall mounted
- IP rating: IPX4
- 2 year UK manufacturer warranty



Product Selector		Extract Performance (l/s)	Extract Performance (m³/h)	Electrical Power Rating (W)	Specific Fan Power (SFP) (W/l/s)	Integral Timer	Timer (adjustable from 90s – 30mins)	Sound Pressure Level (dBA@3m)
Model								
VX100	93224AWW	18	66	14.2	0.79			37
VX100T	93225AWW	18	66	14.2	0.79	✓	✓	37
VX120	93228AWW	32	116	23	0.71			40
VX120T	93229AWW	32	116	23	0.71	✓	✓	40

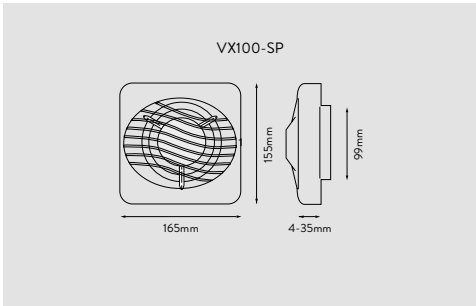
VX100-SP

4"/100mm axial extract fans with short spigot

A range of single speed extract fans with a short spigot ideal for shallow wall or ceiling installations. Compact and easy to install. Designed for bathrooms, shower rooms and ensuites. Lubricated-for-life motor with cut-out protection. Available in standard, timer and pull cord variants.

Key Features

- Single speed
- AC motor
- Ceiling or wall mounted
- IP rating - IPX4
- 2 year UK manufacturer warranty



Product Selector		Extract Performance (l/s)	Extract Performance (m³/h)	Electrical Power Rating (W)	Specific Fan Power (SFP) (W/l/s)	Integral Timer	Timer (adjustable from 90s – 30mins)	Sound Pressure Level (dBA@3m)
Model								
VX100-SP	92935AW	21	76	12	0.57			41
VX100T-SP	92931AW	21	76	12	0.57	✓	✓	41
VX100P-SP	92936AW	21	76	12	0.57			41

DX100 & LV100

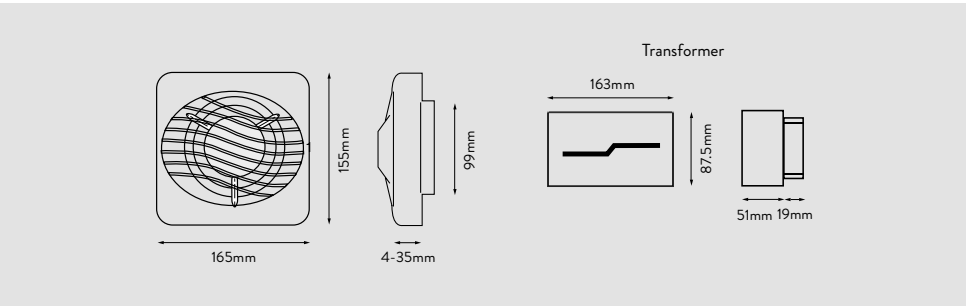
4"/100mm axial extract fans with fitting kit

A comprehensive range of compact and easy to install single speed fans. Suitable for a wide range of applications including bathrooms, shower rooms and toilets. All DX and LV fans come complete with a universal wall fitting kit. The shallow depth of the outlet spigot also makes these fans ideal for compact window installations.

LV100 models are supplied with an external 12V SELV transformer, allowing the fans to be installed safely in Zone 1.

Key Features

- Single speed
- AC motor
- Supplied with universal fitting kit
- Extract performance (l/s) - 23
- Extract performance (m³/h) - 82
- Electrical power rating (W) - 12
- IP rating: IPX5
- 2 year UK manufacturer warranty



Product Selector		Timer (adjustable 2 – 20mins)	Humidistat (50-90% RH)	SELV Transformer	Specific Fan Power (SFP) (W/ll/s)	Sound Pressure Level (dBA@3m)
Model						
DX100	90839AW				0.52	35
DX100T	90841AW	✓			0.52	35
DX100HTA	92567AW	✓	✓		0.52	35
LV100T	90847AW	✓		✓	0.52	37
LV100HTA	92569AW	✓	✓	✓	0.52	37
LV100HTAP	92570AW	✓	✓	✓	0.52	37

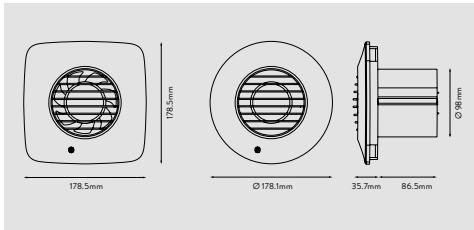
Simply Silent™ DX100 & DX100B

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 and toilets. The Simply Silent DX100 range features a grille-style fascia finished in cool white and available in round or square (DX100B square only). The range has two speeds, selectable at install. DX100 comes complete with wall fitting kit.

Key Features

- 2 speeds, selectable at install
- AC motor
- Suitable for wall, ceiling and window fitting (supplied with Simply Silent window kit plus)
- Extract performance (l/s) - 15/21
- Extract performance (m³/h) - 54/76
- Electrical power rating (W) - 6.0/6.7
- Specific fan power (W/l/s) - 0.40/0.32
- Sound pressure level (dBA@3m) - 22/34
- IP rating: IPX4
- 2 year UK manufacturer warranty



Product Selector		Design	Timer (adjustable from 30s – 30mins)	Pullcord	Humidistat (50-90% RH)	PIR
Model						
DX100S	93025AW	■				
DX100TS	93026AW	■	✓			
DX100PS	93027AW	■		✓		
DX100HTS	93028AW	■	✓		✓	
DX100HPTS	93029AW	■	✓	✓	✓	
DX100PIRS	93030AW	■	✓			✓
DX100R	93005AW	●				
DX100TR	93006AW	●	✓			
DX100PR	93007AW	●		✓		
DX100HTR	93008AW	●	✓		✓	
DX100HPTR	93009AW	●	✓	✓	✓	
DX100PIRR	93010AW	●	✓			✓
DX100BS	93017AW	■				
DX100BTS	93018AW	■	✓			
DX100BPS	93002AW	■		✓		
DX100BHTS	93019AW	■	✓		✓	
DX100BHPTS	93020AW	■	✓	✓	✓	

* DX100B available in square only.

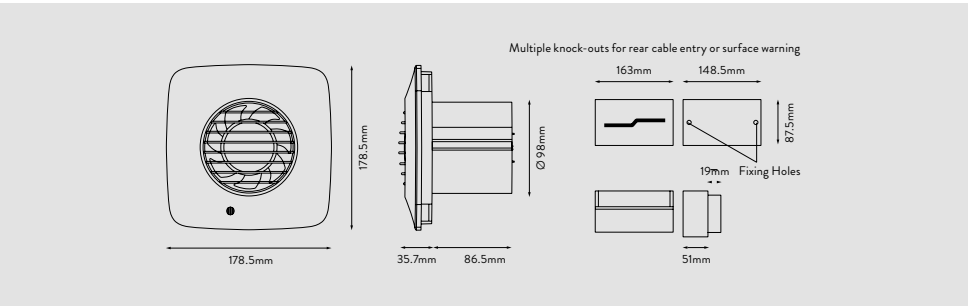
Simply Silent™ LV100

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

The Simply Silent™ LV100 (Low Voltage) 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.

Key Features

- 2 speeds, selectable at install
- AC motor
- Suitable for wall, ceiling and window fitting (supplied with Simply Silent window kit plus)
- Extract performance (l/s) - 15/21
- Extract performance (m³/h) - 54/76
- Electrical power rating (W) - 5.5/11.8
- Specific fan power (W/l/s) - 0.37/0.56
- Sound pressure level (dBA@3m) - 22/34
- IP rating: IPX4
- 2 year UK manufacturer warranty



Product Selector		Design	Timer (adjustable from 30s –30mins)	Pullcord	Humidistat (50-90% RH)	PIR	With kit
Model							
LV100S	93031AW	■					✓
LV100TS	93032AW	■	✓				✓
LV100PS	93033AW	■		✓			✓
LV100HTS	93034AW	■	✓		✓		✓
LV100HPTS	93035AW	■	✓	✓	✓		✓
LV100PIRS	93036AW	■				✓	✓

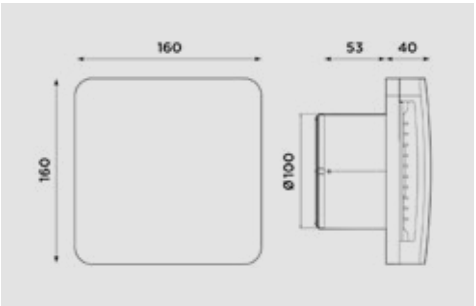
Smooth Fan XS100S & XS100T

4"/100mm axial fans

The Xpelair Smooth Fan is suitable for bathrooms and has a baffle cover that is easy to install providing an affordable yet attractive looking product. The fan comes in both a standard and timer version.

Key Features

- AC motor
- Power (W) - 10
- Extract performance (L/s) - 23
- Extract performance (m³/h) - 83
- Sound pressure level (dBA@3m) - 35
- Specific fan power (W/l/s) - 0.45
- 0.5kg weight
- IP rating: IPX4
- 2 year UK manufacturer warranty



Product Selector		Design	Timer (adjustable from 3 – 25mins)
Model			
XS100S	93346AA	■	
XS100T	93347AA	■	✓

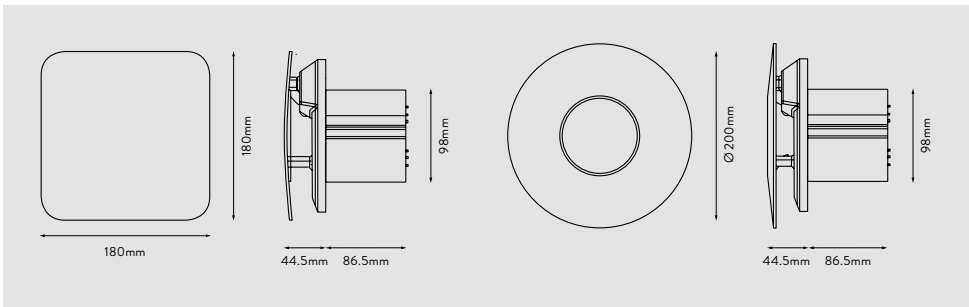
Simply Silent™ Contour C4

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.

Key Features

- 2 speeds, selectable at install
- AC motor
- Backdraught shutter
- Extract performance (l/s) - 15/21
- Extract performance (m³/h) - 54/76
- Electrical power rating (W) - 6.3/7.0W
- Specific fan power (W/l/s) - 0.42/0.33
- Sound pressure level (dBA@3m) - 15/29
- IP rating: IPX4
- 2 year UK manufacturer warranty



Product Selector		Design	Timer (adjustable from 30s – 30mins)	Pullcord	Humidistat (50-90% RH)
Model					
C4S	92960AW	■			
C4TS	92962AW	■	✓		
C4PS	92964AW	■		✓	
C4HTS	92966AW	■	✓		✓
C4R	92961AW	●			
C4TR	92963AW	●	✓		
C4PR	92965AW	●		✓	
C4HTR	92967AW	●	✓		✓

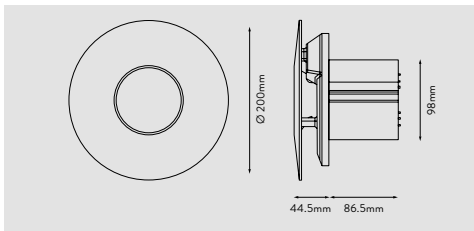
Simply Silent™ Contour CV4

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

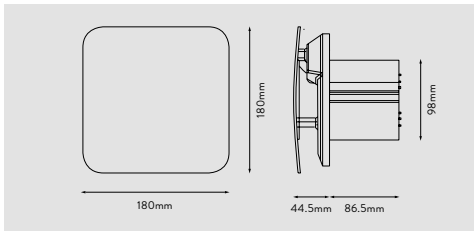
The Simply Silent™ Contour CV range has been designed to offer exceptionally low noise levels, while delivering a constant volume of extracted air to eliminate humidity, condensation and mould growth in bathrooms, shower rooms, cloakrooms, toilets and kitchens. These fans feature Xpelair's Intelligent 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.

Key Features

- DC motor
- Integral datalogger
- Intelligent Adaptiflow™ sensing
- Timer (adjustable 30s – 30mins)
- Humidistat (50 – 90% RH)
- SAP Appendix Q Listed
- Sound pressure level (dBA@3m) - Max 28
- IP Rating - IPX4
- 5 year UK manufacturer warranty on motor



Product Selector		Design	SELV Transformer	SAP Appendix Q Listed
Model				
CV4S	92968AW	■		✓
CV4R	92969AW	●		✓
LVCV4S	92970AW	■	✓	✓
LVCV4R	92971AW	●	✓	✓



Product Selector	CV4		LVCV4	
	Bathroom	Kitchen	Bathroom	Kitchen
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

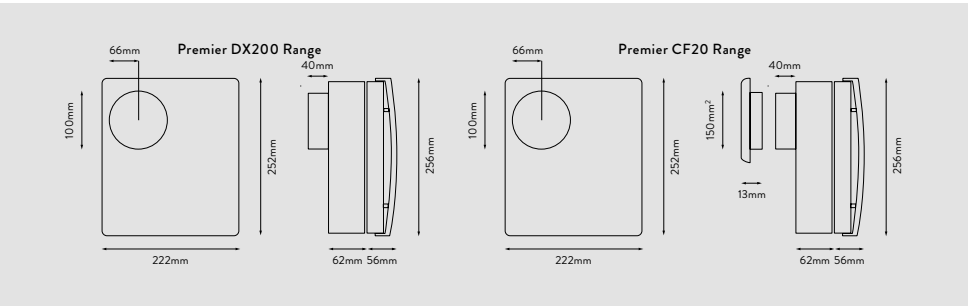
Premier DX200 & CF20

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.

Key Features

- Ideal for longer duct runs
- Can be surface or recess mountable
- Weight - 2.2kg
- IP Rating - IPX5
- 2 year UK manufacturer warranty



Product Selector		Condensation Control	Timer (adjustable 30s - 20m)	Pullcord (manual override)	Humidistat	Quick Visit Timer Delay (2mins)	Room Size Selector	Speeds	Trickle Ventilation Facility	Boost Ventilation Facility	Electrical Power Rating (W)
Model											
DX200	91013AW							2			14/27
DX200T	91014AW		✓			✓		4	✓		11/14/19/27
CF20	91015AW	✓		✓	✓		✓	4	✓	✓	11/14/19/27
CF20T	91016AW	✓	✓	✓	✓	✓	✓	4	✓	✓	11/14/19/27

Product Selector		Extract Performance (m³/h) (speed)				Extract Performance (l/s) (speed)				Sound Pressure Level (dBA@3m) (speed)			
Model		trickle	1	2	3	trickle	1	2	3	trickle	1	2	3
DX200	91013AW	•	59	100	•	•	17	28	•	•	20	42	•
DX200T	91014AW	42	59	84	100	10	17	24	28	20	20	37	42
CF20	91015AW	42	59	84	100	10	17	24	28	20	20	37	42
CF20T	91016AW	42	59	84	100	10	17	24	28	20	20	37	42

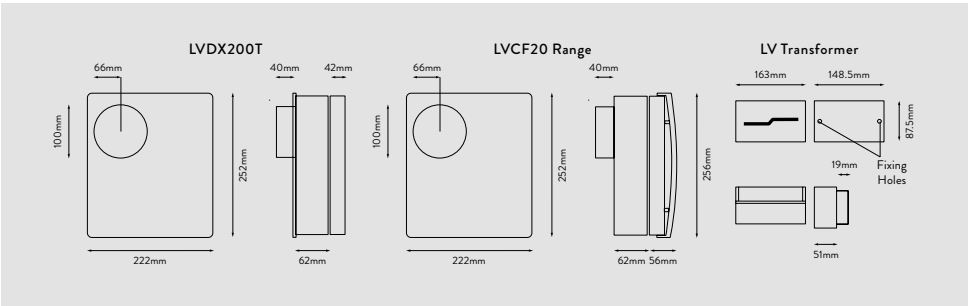
Premier LVDX200T & LVCF20

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.

Key Features

- Complete with SELV transformer
- Air operated backdraught shutter
- Weight - 3.35kg
- IP Rating - IPX5
- 2 year UK manufacturer warranty



Product Selector		Condensation Control	Timer (adjustable 30s - 20m)	Pullcord (manual override)	Humidistat	Quick Visit Timer Delay (2mins)	Room Size Selector	Speeds	Trickle Ventilation Facility	Boost Ventilation Facility	Electrical Power Rating (W)
Model											
LVDX200T	91040AW		✓			✓		2			17/22
LVCF20	91041AW	✓		✓	✓		✓	4	✓	✓	10/17/22/28
LVCF20T	91042AW	✓	✓	✓	✓	✓	✓	4	✓	✓	10/17/22/28

Product Selector		Extract Performance (FID, m³/h) (speed)				Extract Performance (FID, l/s) (speed)				Sound Pressure Level (dBA@3m) (speed)			
Model		trickle	1	2	3	trickle	1	2	3	trickle	1	2	3
LVDX200T	91013AW	•	52	99	•	•	15	26	•	•	29.4	41.8	•
LVCF20	91014AW	33	52	75	91	10	15	21	26	21.7	29.4	35.5	39.2
LVCF20T	91015AW	33	52	75	91	10	15	21	26	21.7	29.4	35.5	39.2

Simply Silent™ Shower Fans

4"/100mm near-silent axial shower fans complete with 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.

Comes complete with a loft fitting kit – 3m of flexible ducting and an external grille. Illumi fan comes complete with a SELV transformer.

Key Features

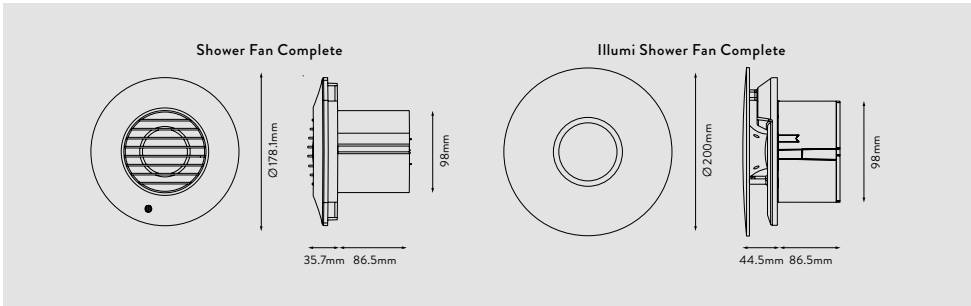
- Illumi model comes complete with SELV transformer
- Loft fitting kit included
- Complies with building regulations Part F for bathrooms
- IP rating - IPX4
- 2 year UK manufacturer warranty



Shower fan complete



Illumi model



Product Selector		Design	Grille Cover	Baffle Cover	Integrated LED Light	SELV Transformer
Model						
Shower Fan Complete	93086AW	●	✓			
Illumi Shower Fan Complete	93087AW	●		✓	✓	✓

Product Selector		Speed	Timer (adjustable 30s – 30m)	Extract Performance (m³/h)	Extract Performance (l/s)	Electrical Power Rating (W)	Sound Pressure Level (dBA@3m)	Specific Fan Power (SFP) (W/l/s)	LED Type	Lumens
Model										
Shower Fan Complete	93086AW	2	✓	54/76	15/21	6.0/6.7	22/34	0.32		
Illumi Shower Fan Complete	93087AW	1	✓	76	21	7.0	29	0.40	Warm White	207

AirLine & AirLine LED

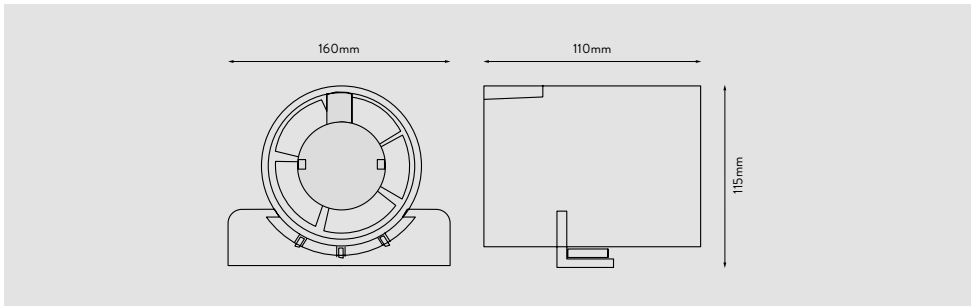
Inline axial extract fan systems for shower cubicles

Clearing excess steam in the bathroom is no longer a problem with the Xpelair Airline and its perfectly optimised impeller design. It gives you high-level performance and meets Building Regulations Part F – even when installed with ducting and an external grille. The AirLine system also has the benefit of being installed up and out of the splash zone in the loft, helping to keep noise levels to a minimum.



Key Features

- Single speed
- Airline LED comes complete with SELV transformer
- Supplied with loft fitting kit
- Complies with building regulations Part F for bathrooms
- IP rating - IPX4
- 2 year UK manufacturer warranty



Product Selector		Standard	Timer (adjustable 2 - 30mins)	Integrated LED Light	Electrical Power Rating (W)	Extract Performance (FID, m³/h)	Extract Performance (FID, l/s)	Sound Pressure Level (dBA@3m)	Duct Diameter (mm)
Model									
AL100	93288AW	✓			16	85	24	40	100
AL100T	93289AW		✓		16	85	24	40	100
ALL100	93290AW	✓		✓	19	85	24	40	100
ALL100T	93291AW		✓	✓	19	85	24	40	100

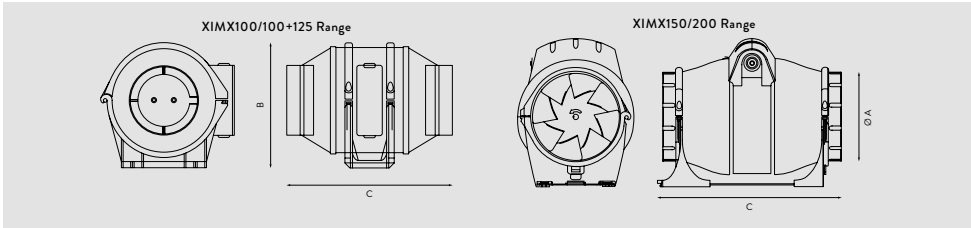
XIMX

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.

Key Features

- 2 speeds, selectable at install
- Suitable for inline loft fitting
- Mounting cradle included
- Easily accessible terminal box
- Complies with Part F building regulations
- IP rating - IPX4
- 2 year UK manufacturer warranty



Product Selector		Timer (adjustable 2 – 20mins)	Dimensions	Ø (mm)	A (mm)	B (mm)
Model						
XIMX100	93078AW			96	190	246
XIMX100T	93079AW	✓		96	190	246
XIMX100+	93080AW			97	226	302.5
XIMX100+T	93081AW	✓		97	226	302.5
XIMX125	93082AW			123	190	246
XIMX150	93083AW			146	250	295
XIMX150T	93084AW	✓		146	250	295
XIMX200	93085AW			199	261	295.5

Product Selector		Extract Performance (m³/h)	Extract Performance (l/s)	Electrical Power Rating (W)	Sound Pressure Level (dBA@3m)	Adjustable Timer	Duct Size (mm)
Model							
XIMX100	93078AW	145/187	40/52	21/33	27/36		100
XIMX100T	93079AW	145/187	40/52	21/33	27/36	2 – 30 mins	100
XIMX100+	93080AW	180/245	50/68	23/25	27/32		100
XIMX100+T	93081AW	180/245	50/68	23/25	27/32	2 – 30 mins	100
XIMX125	93082AW	220/280	61/78	23/37	28/37		125
XIMX150	93083AW	405/520	113/144	30/60	33/44		150
XIMX150T	93084AW	405/520	133/144	30/60	33/44	2 – 30 mins	150
XIMX200	93085AW	830/1040	231/289	76/108	45/52		200

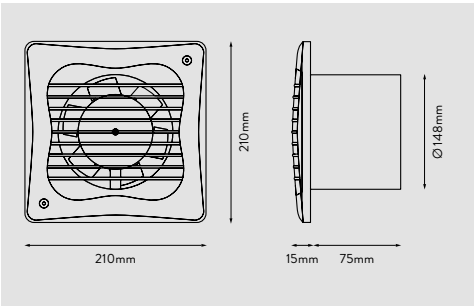
VX150

6”/150mm axial extract fan range

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.

Key Features

- AC motor
- Extract performance (l/s) - 62
- Extract performance (m³/h) - 224
- Electrical power rating (W) - 25
- Specific fan power (SFP) (W/l/s) - 0.41
- Sound pressure level (dBA@3m) - Max 28
- Complies with Part F building regulations
- IP Rating - IPX4
- 2 year UK manufacturer warranty



Product Selector		Integral Timer (adjustable 90s - 30m)
Model		
VX150	93226AWW	
VX150T	93227AWW	✓

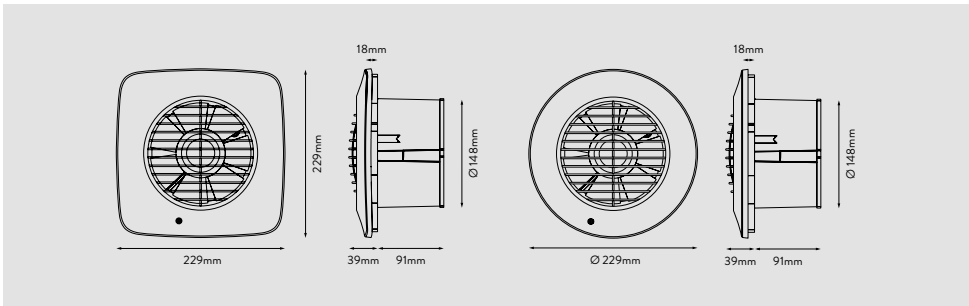
Simply Silent™ DX150

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.

Key Features

- 2 speeds, selectable at install
- Air operated backdraught shutter
- Extract performance (l/s) - 214/241
- Extract performance (m³/h) - 60/67
- 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
- Complies with building regulations Part F for kitchens
- IP rating - IPX4
- 2 year UK manufacturer warranty



Product Selector		Design	Timer (adjustable 30s – 30mins)	Pullcord	Humidistat
Model					
DX150S	93070AW	■			
DX150TS	93072AW	■	✓		
DX150PS	93074AW	■		✓	
DX150HTS	93076AW	■	✓		✓
DX150R	93071AW	●			
DX150TR	93073AW	●	✓		
DX150PR	93075AW	●		✓	
DX150HTR	93077AW	●	✓		✓

We recommend DX150 walkit, part number 93021AW, for easy through wall installation.

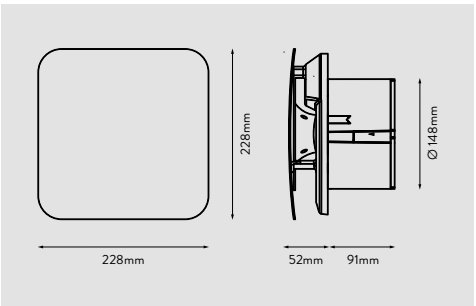
Simply Silent™ Contour C6

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.

Key Features

- 2 speeds, selectable at install
- Air operated backdraught shutter
- Extract performance (l/s) - 60/62.4
- Extract performance (m³/h) - 216 /225
- Electrical power rating (W) - 15/22
- Specific fan power (W/l/s) - 0.28/0.36
- Sound pressure level (dBA@3m) - 41/44
- Complies with building regulations Part F
- IP rating - IPX4
- 2 year UK manufacturer warranty



Product Selector		Design	Timer	Pullcord	Humidistat
Model					
C6S	93170AW	■			
C6TS	93172AW	■	✓		
C6PS	93174AW	■		✓	
C6HTS	93176AW	■	✓		✓

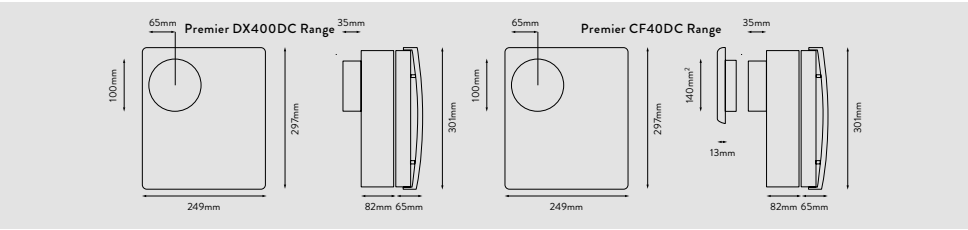
Premier DX400DC & CF40DC

Centrifugal extract and condensation control fans

The DX400DC and CF40DC pressure developing centrifugal fans are suitable for use in kitchens, utility rooms, larger bathrooms and toilets and individual offices. Suitable for surface or recess mounting using mounting accessories provided. Features external rotor motors with integral balanced impellers, sealed for life maintenance free bearings and safety thermal cut-out protection. An energy efficient DC motor keeps running costs and power consumption low.

Key Features

- DC motor
- Max. electrical power rating - 30w
- Weight - 2.6kg
- Complies with building regulations Part F for kitchens
- IP rating - IPX5
- 2 year UK manufacturer warranty



Product Selector		Speeds	Trickle Ventilation Facility	Boost Ventilation Facility	Condensation Control	Timer (adjustable 30s – 20m)	Pullcord (manual override)	Humidistat (50 – 90%)	Quick Visit Timer Delay (2mins)	Room Size Selector
Model										
DX400DC	93266AW	2								
DX400TDC	93267AW	3	✓			✓			✓	
DX400PCDC	93268AW	3	✓				✓			
CF40DC	93269AW	5	✓	✓	✓		✓	✓		✓
CF40TDDC	93270AW	5	✓	✓	✓	✓	✓	✓	✓	✓
CF40RSTDDC	93271AW	5	✓	✓	✓	✓		✓		✓

Product Selector		Extract Performance (m³/h) (speed)					Extract Performance (l/s) (speed)					Sound Pressure Level				
Model		boost	3	2	1	trickle	boost	3	2	1	trickle	boost	3	2	1	trickle
DX400DC	93266AW	•	•	216	150	•	•	•	60	42	•	•	•	55	42	•
DX400TDC	93267AW	•	•	216	150	87	•	•	60	42	24	•	•	55	42	27
DX400PCDC	93268AW	•	•	216	150	87	•	•	60	42	24	•	•	55	42	27
CF40DC	93269AW	216	164	150	100	87	60	46	42	28	24	55	46	42	33	27
CF40TDDC	93270AW	216	164	150	100	87	60	46	42	28	24	55	46	42	33	27
CF40RSTDDC	93271AW	216	164	150	100	87	60	46	42	28	24	55	46	42	33	27

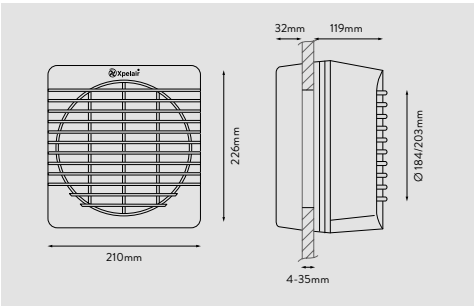
GX6 & GXC6

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. A trickle ventilation facility is available for background ventilation when not in use.

Key Features

- Single speed
- Single or double glazed window installation
- Window kit supplied
- Safety finger guard
- Hole diameter (mm) - 184
- Hole diameter with wall liner (mm) - 203
- Weight - 1.9kg
- Complies with building regulations Part F for kitchens
- IP rating - IPX4
- 2 year UK manufacturer warranty



Product Selector		Speeds	Electrical Power Rating (W)	Extract Performance (m³/h)	Extract Performance (l/s)	Sound Pressure Level	Pullcord	Silent Electro-thermal Shutter
Model								
GX6	90800AW	1	29	216	60	37		✓
GXC6	90850AW	1	27	216	60	37	✓	

Commercial Ventilation Solutions



CX10 & CMF

Commercial ceiling-mounted fans

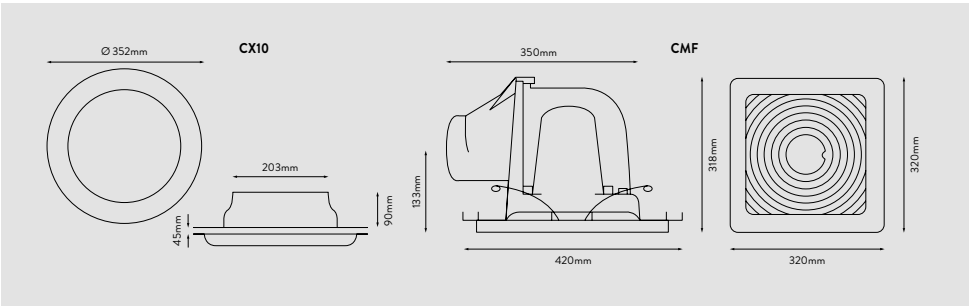
The CX10 and CMF are flush-mounted ceiling extract fan units, which come complete with an intake grille finished in white. The CX10 has an integral duct connection spigot (203mmØ), while the CMF has a side entry spigot (150mm Ø) plenum box. Applications include kitchens, larger utility rooms, pub bars,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

Key Features

- Integral duct connection spigot
- Side entry spigot
- Safety finger guard
- Integral fly guard
- Complies with building regulations Part F for kitchens
- IP rating - IPX4
- 2 year UK manufacturer warranty



Models	Ventilation Type	Axial	Centrifugal	Page No.
CX10 & CMF	Commercial ceiling-mounted fans	✓	✓	25
GX9 & GX12	Commercial AC window fans	✓		26
PX6, PX9 & PX12	Commercial panel fans	✓		27
RX6, RX9 & RX12	Commercial roof fans	✓		28
WX6, WX9 & WX12	Commercial wall fans with 'safe lock' metal telescopic wall liner	✓		29
WX6, WX9 & WX12	Commercial wall fans with corrugated plastic wall liner	✓		30
XID	Centrifugal metal inline fans		✓	31
XIDP	Centrifugal plastic inline fans		✓	30



Product Selector		Design	Axial	Centrifugal
Model				
CX10	90209AB	●	✓	
CMF 271	89957AW	■		✓

Product Selector		Electrical Power Rating (W)	Extract Performance (m³/h)	Extract Performance (l/s)	Sound Pressure Level (dBA@3m)	Hole Diameter (mm)	Ducting Size (mm)	Weight (kg)
Model								
CX10	90209AB	34	329	91	44	300	200	1.8
CMF 271	89957AW	48	286	79	41	273 x 273	150	6.9

GX9 & GX12

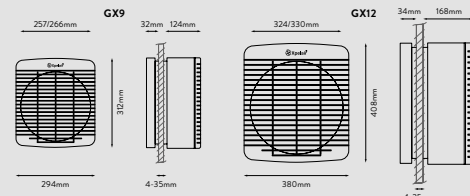
Commercial AC window fans

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.



Key Features

- Electro-thermal shutter
- Single or double glazed window installation
- Window kit supplied
- Safety finger guard
- 2 year UK manufacturer warranty



Product Selector		Standard	Pullcord	9" Impeller	12" Impeller	Reversible Intake/Extract	Silent Electro-thermal Shutter
Model							
GX9	89994AW	✓		✓		✓	✓
GXC9	89995AW		✓	✓			
GX12	90012AW	✓			✓	✓	✓

Product Selector		Remote Switch (supplied separately)	Selectable Intake, Extract or Controller Operation	Extract Performance (m³/h)	Extract Performance (l/s)	Intake Performance (m³/h)	Intake Performance (l/s)
Model							
GX9	89994AW	✓	✓	543/636	151/177	405/449	113/125
GXC9	89995AW			520	145		
GX12	90012AW	✓	✓	1091/1546	303/429	772/1117	215/310

Product Selector		Speeds (2 speed when used with a FR22/30 controller)	Sound Pressure Level (dBA@3m)	Electrical Power Rating (W)	Hole Diameter (mm)	Hole Diameter with Wall Liner (mm)	Weight (kg)
Model							
GX9	89994AW	2	48/50	41	257	266	4
GXC9	89995AW	1	44	32	257	266	3.9
GX12	90012AW	2	50/55	85	324	330	7.9

PX6, PX9 & PX12

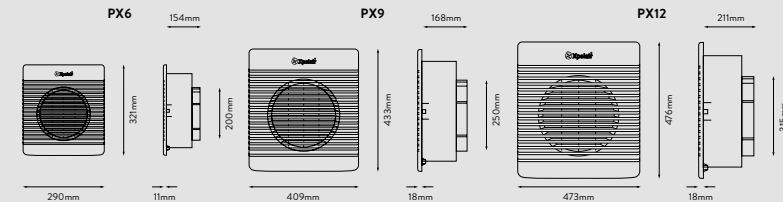
Commercial panel fans

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.



Key Features

- Silent electro-thermal shutter
- Safety finger guard
- 2 year UK manufacturer warranty



Product Selector		6" Impeller	9" Impeller	12" Impeller	Reversible Intake/Extract
Model					
PX6	91300AW	✓			
PX9	91299AW		✓		✓
PX12	91298AW			✓	✓

Product Selector		Extract Only	Selectable Intake, Extract or Controller Operation	Speeds (2 speed when used with an FR22/30 controller)	Extract Performance (m³/h)	Extract Performance (l/s)	Intake Performance (m³/h)	Intake Performance (l/s)
Model								
PX6	91300AW	✓		1	246	68		
PX9	91299AW		✓	2	600/693	166/192	418/459	116/127
PX12	91298AW		✓	2	1162/1715	322/476	815/969	226/269

Product Selector		Sound Pressure Level (dBA@3m)	Ducting Size (mm)	Electrical Power Rating (W)	Hole Diameter (w x h mm)	Spigot Size (mm)	Weight (kg)
Model							
PX6	91300AW	39	200	34	245 x 268	200	2.8
PX9	91299AW	47/50	250	41	345 x 375	250	4.7
PX12	91298AW	48/54	315	85	434 x 434	315	7.9

RX6, RX9 & RX12

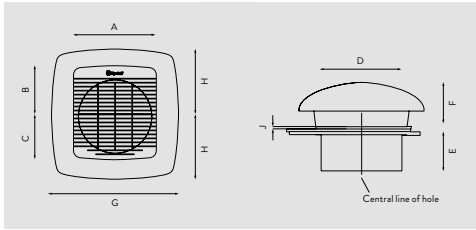
Commercial roof fans

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.



Key Features

- Silent electro-thermal shutter
- Trickle ventilation facility
- Roof cowl assembly
- Safety finger guard
- 25mm max. wall thickness
- 2 year UK manufacturer warranty



Model	Dimensions								
	A	B	C	D	E	F	G	H	J
RX6	210	119	107	184	112	127	319	160	4/35
RX9	312	165	147	257	117	159	438	219	4/35
RX12	380	216	192	324	161	197	554	277	4/35

Product Selector		6" Impeller	9" Impeller	12" Impeller	Reversible Intake/Extract	Sound Pressure Level (dBA@3m)	Electrical Power Rating (W)	Hole Diameter (Ømm)	Weight (kg)
Model									
RX6	90818AW	✓				39	35	184	3.8
RX9	90424AW		✓		✓	49/52	41	257	4.5
RX12	90425AW			✓	✓	48/56	87	324	7.9

Product Selector		Extract Only	Selectable Intake, Extract or Controller Operation	Speeds (2 speed when used with an FR22/30 controller)	Extract Performance (m³/h)	Extract Performance (l/s)	Intake Performance (m³/h)	Intake Performance (l/s)
Model								
RX6	90818AW	✓		1	206	57		
RX9	90424AW		✓	2	430/511	119/142.2	384/438	107/122
RX12	90425AW		✓	2	807/1100	24/306	709/915	197/254

WX6, WX9 & WX12

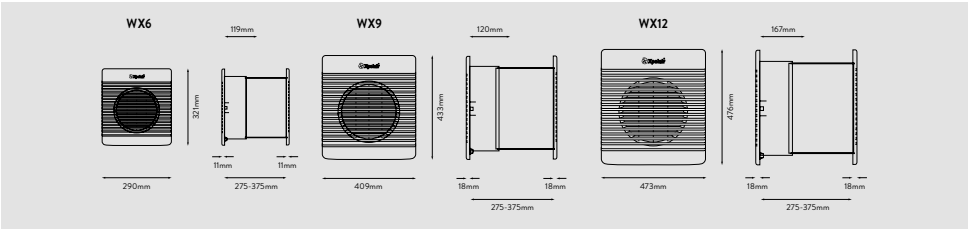
Commercial wall fans with 'safe lock' metal telescopic wall liner

WX commercial duty wall fans are designed for pubs, restaurants, offices, kitchens, factories, schools and shops. Suitable for single, cavity brick and timber frame walls and available in 6", 9" and 12" sizes. The low profile white fascia is styled to blend in cleanly with commercial surroundings. For safety, a finger-guard is integrated into the ultra slim high gloss ABS fascia and the exterior wall grille design. On WX9 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. Both the WX9 and WX12 are reversible and feature totally enclosed external rotor motors. Running costs are impressively low, and when not in use the silent electro-thermal shutter closes silently against backdraughts.



Key Features

- Silent electro-thermal shutter
- Trickle ventilation facility
- Safety finger guard
- Plastic telescopic wall liner supplied
- Max wall thickness - 275 - 375mm
- 2 year UK manufacturer warranty



Product Selector		6" Impeller	9" Impeller	12" Impeller	Reversible Intake/Extract	Extract Only	Selectable Intake, Extract or Controller Operation	Speeds (2 speed when used with an FR22/30 controller)	Extract Performance (m³/h)	Extract Performance (l/s)
Model										
WX6	92502AW	✓				✓		1	246	57
WX9	92503AW		✓		✓		✓	2	600/693	166/192
WX12	92504AW			✓	✓		✓	2	1162/1715	322/476

Product Selector		Intake Performance (m³/h)	Intake Performance (l/s)	Sound Pressure Level (dBA@3m)	Electrical Power Rating (W)	Hole Diameter (w x h mm)	Weight (kg)
Model							
WX6	92502AW			39	34	245 x 268	6.4
WX9	92503AW	418/459	116/127	47/50	41	345 x 375	10.5
WX12	92504AW	815/969	226/269	48/54	85	434 x 434	14

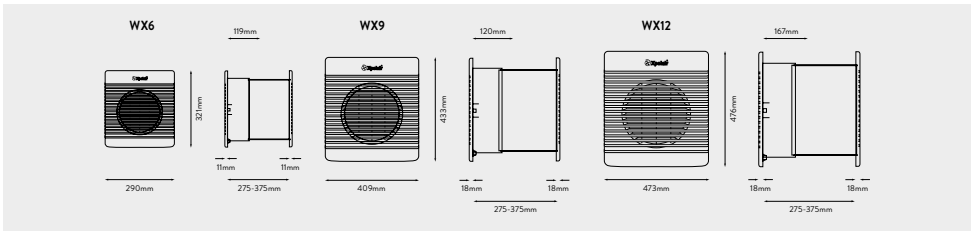
WX6, WX9 & WX12

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.

Key Features

- Silent electro-thermal shutter
- Trickle ventilation facility
- Safety finger guard
- Plastic telescopic wall liner supplied
- Max wall thickness - 275 - 375mm
- 2 year UK manufacturer warranty



Product Selector		Standard	Timer	6" Impeller	9" Impeller	12" Impeller	Reversible Intake/ Extract
Model							
WX6	90822AW	✓		✓			
WX9	89996AW	✓			✓		✓
WX12	90011AW	✓				✓	✓

Product Selector		Integral Adjustable Run-on Timer (2 – 20 mins)	Extract Only	Selectable Intake, Extract or Controller Operation	Speeds (2 speed when used with an FR22/30 controller)	Extract Performance (m³/h) high/low	Extract Performance (l/s) high/low
Model							
WX6	90822AW		✓		1	246	57
WX9	89996AW			✓	2	600/693	166/192
WX12	90011AW			✓	2	1162/1715	322/476

Product Selector		Intake Performance (m³/h) high/low	Intake Performance (l/s) high/low	Sound Pressure Level (dBA@3m) high/low	Electrical Power Rating (W)	Hole Diameter (w x h mm)	Weight (kg)
Model							
WX6	90822AW			39	34	245 x 268	2.9
WX9	89996AW	418/459	116/127	47/50	41	345 x 375	4.7
WX12	90011AW	815/969	226/269	48/54	85	434 x 434	8.3

XID

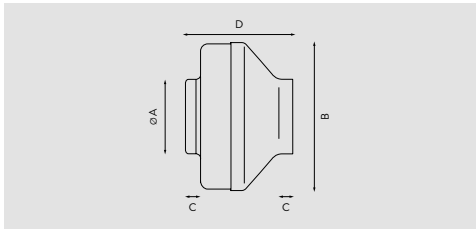
Centrifugal metal inline fans

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.



Key Features

- AC motor
- Compatible with XIC1 inline fan controller, sold separately
- 2 universal mounting brackets supplied
- IP rating - IPX4
- 2 year UK manufacturer warranty



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

XIDP

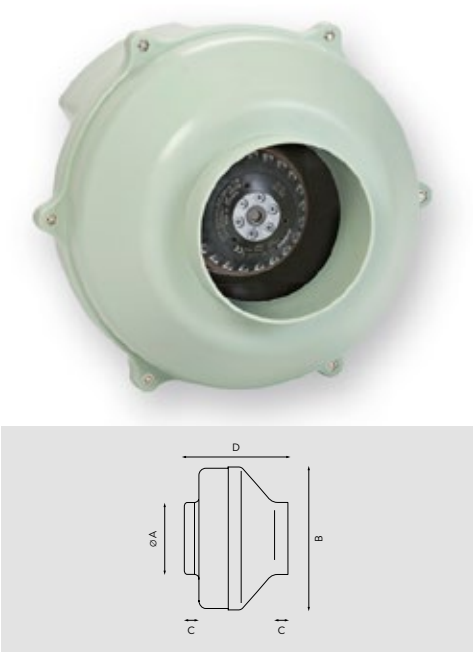
Centrifugal plastic inline fans

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 (see page 45) and ventilation components. Suitable for applications where the units will be seen, in many commercial kitchens and showering areas subject to unit siting conditions.

Key Features

- AC motor
- Compatible with XIC1 inline fan controller, sold separately
- IP rating - IPX4
- 2 year UK manufacturer warranty



Dimensions				
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	49	379	30	230
XIDP315	314	452	30	275

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

System Ventilation Solutions



Models	Ventilation Type	MEV	MVHR	PIV	Page No.
Xplus 2 AC	Multi-point domestic and commercial ventilation unit	✓			34
Xplus 2 EC & EC RF	Low-energy, multi-point domestic and commercial ventilation unit	✓			35
Natural Air 180 PLUS/PH	Compact mechanical ventilation with heat recovery		✓		36
Xcell Stratum Q & QVI	Compact, lightweight, low-profile horizontal heat recovery unit		✓		38
Muro XHRM	Through-the-wall single room dMEV heat recovery units		✓		39

XPLUS 2 AC

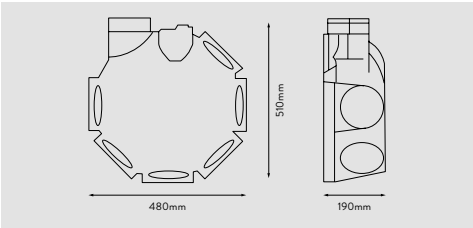
Multi-point domestic and commercial ventilation unit

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.

Key Features

- AC motor
- Trickle ventilation facility
- Boost options
- Low profile design
- Weight - 4.95kg
- IP rating - IPX4
- 2 year UK manufacturer warranty



Product Selector		Extract Performance (FID, m3/h)	Power (W) Speeds				No. of Intake Spigots	Spigot Diameter (mm)
Model			1	2	3	4		
Xplus 2 AC	92430AW	155/237/329/471	13.4	23.9	35	58	6	125

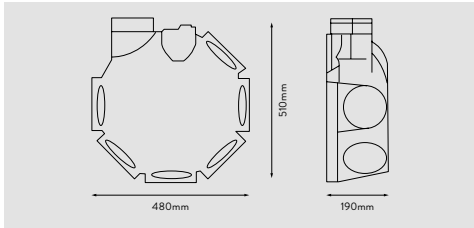
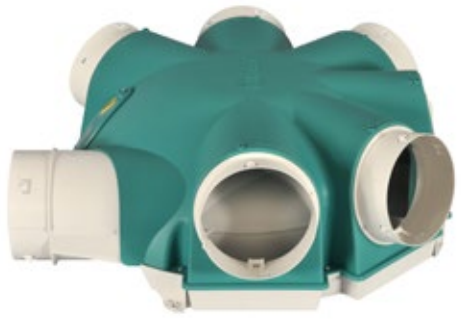
XPLUS 2 EC & EC RF

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.

Key Features

- EC Motor
- Trickle ventilation facility
- Max. extract performance (FID, m³/h) - 550 (fully adjustable)
- Max. extract performance (m³/h @100Pa) - 465
- Max. power 79W
- Spigot diameter 125mm
- Weight - 3.4kg
- 5 year UK manufacturer warranty*



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

Kitchen		S.F.P. (W/L/S)
+1 Additional Wet Room	100% Variable	0.21
+2 Additional Wet Room		0.19
+3 Additional Wet Room		0.19
+4 Additional Wet Room		0.21
+5 Additional Wet Room		0.24
+6 Additional Wet Room		0.27

E.S.T Best Performance Compliant

Product Selector		Humidistat	RF Controllable	Speeds	Max Sound Pressure Level (dBA@3m)
Model					
Xplus 2 EC	92498AG			3 selectable	45
Xplus 2 EC RF	92854AG		✓	2 selectable	47
Xplus 2 EC RFH	92795AG	✓	✓	4 selectable	47

*5 years on motor – 2 years on other parts

Natural Air 180

Compact mechanical ventilation with heat recovery

The Xpelair Natural Air 180 Mechanical Ventilation with Heat Recovery (MVHR) unit provides whole-house ventilation – fresh air is supplied from outside the premises, while warm, stale, damp air is extracted out.

If pollutants are getting trapped inside homes, we need an efficient method of removing them. The Xpelair Natural Air 180 offers efficient, balanced ventilation that produces healthy indoor air quality while saving energy with its efficient EC ball-bearing motor. Meanwhile, ultra-fine G4 filters ensure a pollutant-free environment. You'll also enjoy a comfortable temperature without annoying draughts or cold spots thanks to the unit's 100% summer bypass and winter defrost functions.

- Particularly suitable for apartments and 2 to 3 bed houses
- A Passivhaus-approved unit is available, complete with in duct heater



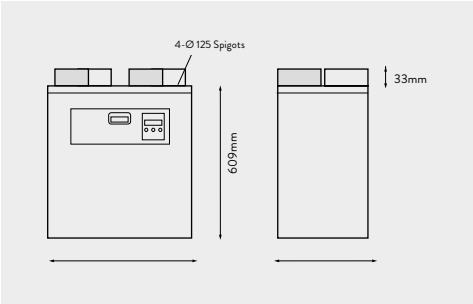
- **Constant volume for life:** The Natural Air 180 uses Intelligent Adaptiflow sensing to deliver constant volume performance
- **Clever humidity control:** Unique, active humidistat reacts in real-time to gradual increases in humidity – ideal for even the smallest wetroom
- **Hassle-free maintenance:** Fast, simple access to fans, filters and heat exchanger
- **Datalogger:** The Natural Air 180 has an integral datalogger, recording its daily use
- **Silent nights and days:** Sound absorbing EPP material dampens noise. Direct airflow path minimises internal pressure drop resulting in whisper-quiet operation
- **Low specific fan power:** Smooth pressure drop thanks to energy efficient heat exchanger, G4 filter and unit specific fan configuration

	Natural Air 180	Natural Air 180 PH
Reference Number	93333AW	93319AW
Motor Type	EC	EC
Speeds	trickle/boost/purge	trickle/boost/purge
Maximum Extract Performance (FID, m³/h)	230	230
Maximum Extract Performance (m³/h @250Pa)	218	218
Maximum Extract Performance (FID, l/s)	64	64
Maximum Extract Performance (l/s @250Pa)	60	60
Maximum Fan Power (W)	154	154
Spigot Diameter (mm)	125	125
Weight (Kg)	19.5	19.8
UK Guarantee (years)	2	2

Key Features

- Sound absorbing EPP construction with metal casing
- Fans are configured for optimal efficiency, with forward curved impellers and housed in robust galvanised steel
- Easy installation in 2 lightweight pieces
- Compact size of only 552mm x 609mm x 285mm (WxHxD)
- Onboard active humidistat
- Control panel located on front door
- Filter change signal
- Easy maintenance with front access
- Customisable with various controls and add-ons
- 100% summer bypass and winter defrost
- 2 year UK manufacturer warranty

Kitchen	Thermal Efficiency	SAP Appendix Q Data Specific Fan power (W/l/s)	
		2005 Standard	2012 Standard
+1 Additional Wet Room	89%	0.64	0.68
+2 Additional Wet Room	88%	0.66	0.83
+3 Additional Wet Room	86%	0.76	1.04



The Xpelair Natural Air 180 has been designed for easy installation. It comes in 2 lightweight sections – a 9.5Kg metal case and 10Kg EPP structural foam body – meaning that during installation the maximum weights which needs to be lifted at any point is 10Kg.

XCELL Stratum Q & QVI

Compact, lightweight, low-profile horizontal heat recovery unit

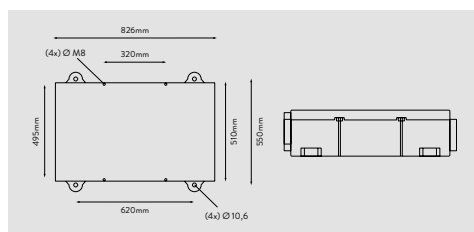
Xcell Stratum heat recovery units are compact, low profile and extremely installer-friendly, being much lighter to handle than metal cased units. They incorporate a high efficiency heat recovery counterflow cell for heat recovery of up to 90%, and feature high efficiency F5 G4 filters and can be both 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. Q models are SAP Appendix Q listed. QVI models are Passivhaus approved.



Key Features

- EC Motor
- Timer
- Multi-programmable speed control type
- EPP B1 fire rated body material -
- Horizontal installation orientation
- Q models are SAP Appendix Q listed
- QVI models are Passivhaus approved
- 5 year UK manufacturer warranty*

Dimensions	
Model	Height
S120Q	240
S155QVI	240
S275QVI	305
S275Q	305



Product Features		88% Heat Recovery Efficiency	90% Heat Recovery Efficiency	SAP Appendix Q Listed	Summer Bypass	Constant Velocity Motor	Passivhaus Approved
Model							
S120Q	92923AW		✓	✓	✓		
S155QVI	92920AW	✓				✓	✓
S275QVI	92921AW		✓			✓	
S275Q	93255AW		✓	✓	✓		

Product Selector		Maximum Supply/Extract Performance (FID, m³/h)	Maximum Supply/Extract Performance (m³/h @100Pa)	Power Usage Maximum (W) 220-240V AC 50-60Hz	Thermal Efficiency (%)	Specific Fan Power (W/l/s)	Speeds (adjustable)	Noise (dBA@3m)	Spigot Diameter (mm)	Weight (kg)
Model										
S120Q	92923AW	185	170	120	87	0.87	2	-	125	11
S155QVI	92920AW	155	155	110	88	-	3	31/37/46	125	11
S275QVI	92921AW	275	240	193	88	-	3	32/39/47	160	12
S275Q	93255AW	257/290	219/246	150	88	0.73	2	32/3 9/47	160	12

*5 years on motor – 2 years on other parts

Muro XHRM

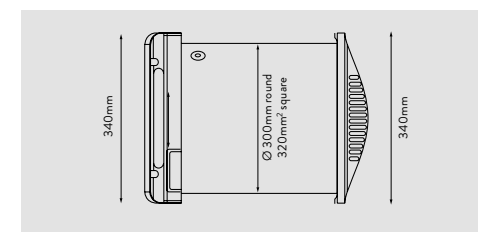
Through-the-wall single room dMEV heat recovery ventilator

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 83% 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.



Key Features

- DC Motor
- 4 Speeds
- Integral speed control type
- Sound pressure (dBA @ 1m)
- Wall cutout (mm) - 320 x 320
- Installation orientation - Horizontal
- Wall sleeve material - EPP
- Weight - 4.4kg
- Frost protection
- 5 year UK manufacturer warranty*



Description	Reference Number
Standard Square Wall Kit (320mm)	96760AQ
Square Extension Wall Kit (160mm sections)	96763AA
Standard Round Wall Kit (320-530mm)	96760AR
Round Extension Wall Kit (350-660mm total length)	93186AC
Outside Grille and Mounting Plate	93220AA

Product Selector		Maximum Supply / Extract Performance (m³/h)	Power Usage (W) 220-240V AC 50-60Hz	Efficiency (%)
Model				
Muro XHRM	92922AW	15/30/45/55	3.5/9/17/25	80 – 83

*5 years on motor – 2 years on other parts

Ventilation Ancillaries

Xpelair domestic, commercial 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.

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Ducting	46
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Natural Air Sensors	50
Natural Air Ancillaries	50

Sensors and Switches

Models



**Change Over Switch
COS** 90108AW

- Used to select between high and low speed operation
- Surface or recess mounting
- Used with: Xplus 2
- w85 x h85mm



**Manual Override Switch
MOS** 90199AW

- Switch 1: high/low speed
- Switch 2: On/Off (or Off/tricklevent according to fan option selected)
- Surface or recess mounting
- Used with: Premier DX200
- Remote Humidistat
- w85 x h85mm



**Timer and Boost Switch
TBS** 90202AW

- Provides switching between humidity control/manual operation
- Provides selection of high/low extract speed
- Surface or recess mounting
- Used with: GX6HT2
- w85 x h85mm



**Time Delay Controller
DT20B** 21850AW

- 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, XIL, CMF, CX10, LoVolt DX100
- w100 x h86 x d45mm
- Delay timer period 30 sec – 20 mins
- Amp inductive load 2.5A @ 240V AC



**Controller
HC301** 21877AW

- 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



**Air Quality Sensor
AQS** 92097AW

- 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

Sensors and Switches

Models



Inline Fan Controller XIC1 21858AW

- For fine tuning airflows
- Slide switch provides: On/Off
- Adjustable control for infinitely variable speed
- Power 'On' indicator light
- Surface or recess mounting
- Colour: white
- w160 x h86mm
- Amp inductive load 2A @ 240V AC
- Timer and Boost Switch



Remote Humidistat XRH 21856AW

- 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, XIL, CMF, CX10, GX6
- w160 x h86 x d45mm
- Amp inductive load 2A @ 240V AC



LoVolt Remote Humidistat LVH 21863AW

- 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 d45mm



Single Fan Controller FR22/30 21868AW

- 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



Single Direction Group Fan Controller XCC1 21859AW

- 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



Reversible Group Fan Electronic Controller EC6H 21854AW

- 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

Sensors and Switches

Models



Passive Infrared Sensor XPIRA 21871AA

- 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



Controller and Sensor ACS WJR RF 96051AA

- For central control using RF radio frequency to control multiple units
- For use with Muro XRHM unit



Indoor Air Quality QCO2 96003AA

- Monitors indoor air quality
- Sensor for the Xcell QVW & QVI models
- Surface mounting
- w80 x h120 x d31mm

















Air Quality/ Humidity Sensor AQ DL 50 96050AA

- Air quality/humidistat sensor providing infinitely variable control between 10 – 45 m³/h
- For use with Muro XRHM unit

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

Models

			Profile 60 Dims (204×60mm)		Profile 90 Dims (220×90mm)	
Flat Ducting		1m	FPD100	89755AA	FPD9100	92325AA
		1.5m	FPD150	91188AA	FPD9150	92315AA
Coupling			FPC	89757AA	FPC9	92316AA
Mounting Bracket			FPB (per box of 10)	89756AA	FPB9 (per box of 10)	92314AA
Horizontal 90° Bend			FPH90	89754AA	FPH990	92317AA
Horizontal Adjustable Bend			FPA	89750AA	FPH945	92319AA
Vertical 90° Bend			FPV90	89753AA	FPV990	92318AA
Vertical 45° Bend			FPV45	92537AA		
T Piece			FPT	90091AA	FPT9	92515AA
Flexible Ducting 0.5m			FPF	91484AA		
Plenum Bend		100mm Ø	FPP100	89752AA		
		125mm Ø	FPP125	91259AA	FPP9125	92321AA
		150mm Ø	FPP150	91483AA	FPP9150	92322AA
Round to Rectangular Adaptor			PRA	91482AA	PRA9	92320AA
Fire Damper Collar			PFB	91975AA	PBF9	92516AA
Air Brick Adaptor		Single	FPA	92313AA		
		Double	FPA65	92573AA	FPA9	92323AA
Wall Outlet Grille		Single	FPG	89751AA		
		Double	FPG9	92324AA	FPG9	92324AA

Ducting

Models

A photograph of a flexible, grey, corrugated ducting material, bent into a U-shape to show its flexibility.

Flexible Ducting Xflex FD

	Ø (mm)	Length (m)	
FD100	100	3	89663AA
		6	89669AA
FD125	125	3	89664AA
		6	89670AA

Commercial Diameters

FD150	150	3	89665AA
		6	89671AA
FD200	200	3	89666AA
		6	89672AA
FD250	250	3	89667AA
		6	89673AA
FD315	315	3	89668AA
		6	89674AA

- 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

A photograph of a long, straight, grey, cylindrical ducting material, showing its smooth, insulated surface.

Insulated Circular Plastic Ducting

	Ø (mm)	Length (m)	
CPDI50	150	2	91475AA

Uninsulated Circular Plastic Ducting

	Ø (mm)	Length (m)	
CPDN100	100	2	92538AA
CPDN125	125	2	92539AA
CPDN150	150	2	92540AA

Aluminium Flexible Ducting Xflex ALU

	Ø (mm)	Length (m)	
ALU100	100	10	91435AA
ALU125	125	10	91436AA
ALU150	150	10	91437AA

Commercial Diameters

ALU200	200	10	91438AA
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- Tough foil construction on a high strength wire helix
- Over 40 minute fire

Insulated Circular T-pieces

	Ø (mm)	
ICT125	125	91476AA

Uninsulated Circular T-pieces

	Ø (mm)	
ICTN100	100	92550AA
ICTN125	125	92551AA
ICTN150	150	92552AA

Thermal Flexible Ducting Xflex TFD

	Ø (mm)	Length (m)	
TFD100	100	10	91459AA
TFD125	125	10	91460AA
TFD150	150	10	91461AA

Commercial Diameters

TFD250	250	5	89851AA
		10	91463AA

- 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

	Ø (mm)	
CPE125	125	91480AA

Uninsulated Circular Plastic 45° Bends

	Ø (mm)	
CPEN100	100	92542AA
CPEN125	125	92543AA

Ducting & Accessories

Models



Insulated Circular 90° Bends

CPB125	Ø125mm	91478AA
CPB150	Ø150mm	91479AA



Circular Plastic Connectors

CPC100	Ø100mm	92535AA
CPC125	Ø125mm	91485AA
CPC150	Ø150mm	91486AA



Circular Plastic Adaptors

CPA125/100	Ø125mm	91487AA
CPA150/125	Ø150mm	91488AA
CPA200/150	Ø200mm	91489AA

Accessories

Models



Worm Drive Clips WDC

WDC5	Ø100-125mm	89684AA
WDC8	Ø150-200mm	89685AA

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



Premier Grease Filters PDXGF

Premier 200 and 400 range

PDXGF	90548AA
PDXGF4	91145AA

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



GX Wall Kits WK

	Duct Ø (mm)	
WK6/8	200 (GX6)	89369AA
WK6/11	280 (GX6)	89370AA
WK9/11	280 (GX9)	89372AA
WK12/8	200 (GX12)	89373AA
WK12/11	280 (GX12)	89374AA

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



Y Piece Splitters YPS

	Duct Ø (mm)	
YPS1	100x100x100	91281AA
YPS3	125x125x125	91283AA
YPS5	150x150x150	91285AA

- 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

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



Circular Air Valves CAV

CAV100	Ø100mm	89682AA
CAV125	Ø125mm	91490AA
CAV150	Ø150mm	89683AA

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



Wall Ducts WD

WD100	Ø100mm	89543AA
WD125	Ø125mm	89703AA
WD250	Ø250mm	89706AA



Glass Mounting Kits GMK & DXDG

GMK	90546AA
DXDG	07439AA

- Used for installing Premier DX200 and CF20 models in a window
- Glass thickness: 4 – 28mm
- Allows DX100/LV100 to be mounted in double-glazed panels from 6 – 46mm thick



Extendable Interlocking Wall Kits WK6

WK6/300	90085AA
WK6/450	90086AA

Accessories

Models



Condensation Trap XCT100

XCT100	89749AA
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Wall Vent Kit VK10

89120AW

- 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



Louvred Wall Grille LG

LGW125	Ø125mm	91492AA
LGB125	Ø125mm	91493AA



Termination Ducting Kit WT

WT10	Ø100mm	89538AA
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- For through-wall application
- Complete with exterior grill, wall duct and spigot plate
- Ducting can be attached to spigot
- Wall hole Ø117mm



Easy-Fix Termination Kit EFT

90427AA

- 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



Wall Grille Gravity Shutter XXWG4

Grey	90140AA
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- Protected duct outlet fitted with gravity flaps
- Ø100mm connection
- Dimensions: w155 x h155 x d15mm



Wall Grille CFWG

CFWG100	Grey	89215AB
CFWG100	White	89742AW
CFWG150	Grey	89690AB
CFWG150	White	89857AW



Exterior Storm Cowl XXSCW & XXSCB

XXSCW	White	90461AW
XXSCB	Brown	90462AB

- 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

XFC100	Ø100mm	89843AA
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- 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



Roof Cowls RC

RC6 (GX6, GXC6)	89997AW
RC9 (GX9, GXC9)	90048AW
RC12 (GX12)	90092AW

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



Simply Silent™ Replacement Baffle

SSSB Square	92957AW
SSRB Round	92958AW

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



Simply Silent™ Wall Kit

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

Simply Silent™ Adaptor Kit

SSAK	93061AA
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Natural Air Sensors

Models



Natural Air Humidity Sensor

93320AA

- Ideal when you need to control local air quality of individual rooms
- Requires external sensor board



Natural Air PIR Sensor

93321AA

- This movement activated PIR sensor brings yet another efficiency enhancement to a wet room
- Requires external sensor board



Natural Air CO₂ Sensor

93330AA

- This CO₂ sensor will trigger the unit to boost when a pre-determined level of CO₂ is detected in a single room
- Requires external sensor board

Notes

Natural Air Ancillaries

Models



Natural Air Remote Operation Kit

93329AA

- Allows user to control device away from the unit



**Natural Air
External Sensor Board**

93324AA

- For use in conjunction with NA180 to configure additional
- Comes as standard on NA180 Plus



Natural Air Quality Module - Carbon

93323AA

- Provides NOX filtration for cleaner, safer air via an external sensor box

Specifications

Our policy is one of continuous improvement; we reserve the right to alter specifications without notice. Although every care has been taken in the reproduction of product finishes in this brochure, the colour photographs should be taken only as a guide. The information contained in this brochure is correct at the time of printing. You are advised to consult your dealer before purchasing.

Installation Guidance

This brochure is not intended as an installation guide. For safety, products should only be installed by a competent person, in accordance with current regulations and the manufacturer's instructions. Please note that the dimensions contained within this brochure do not in all cases include clearances required around installed products for safe operation.

CE Mark

All our products carry the CE mark complying with European safety standards and the European Standard for electro magnetic compatibility.

To find out more about how our team can help you to specify compliant, efficient and intelligent solutions, contact us on:

web: www.xpelair.co.uk phone: **0344 879 35 87**

Ireland enquiries: Glen Dimplex Ireland, tel: 00 353 (1) 8424 277 email: salesireland@glendimplex.com
or web: www.glendimplexireland.com



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