



## Product and Price Guide **2011/12**



# Xpelair Product Contents



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## Ancillaries

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# Xpelair Premier DX180, DX200 & CF20

## Centrifugal extract and condensation control fans



DX180



DX200



CF20

### The Range

The efficient and stylish 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 clean and sleek appearance. A two part casing means Premier fans can easily be recess or surface mounted.

All feature an automatic air operated backdraught shutter.

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

DX200 and CF20 models are IPX5 rated whereas the DX180 models are IPX4. All are BEAB approved. They are all suitable for 220-240V AC 50Hz mains operation. Motors are totally enclosed and maintenance free for life, with self aligning bearings and a thermal cut-out. All electronics and wiring terminals are fully protected.

### Key Features

- Single speed (DX180 range) and multi-speed models available
- Room size performance speed selector, boost and trickle ventilation settings on selected models
- Adjustable humidistat on condensation control models
- 'QuickVisit' delay feature on multi-speed timer models
- Automatic air operated backdraught shutter fitted
- Can be surface or recess mounted
- Totally enclosed maintenance free for life motors
- Clip-off front cover and fan blade for ease of cleaning and maintenance
- DX180 models are IPX4 rated
- DX200 and CF20 models are IPX5 rated
- BEAB approved

Product Selector		DX180	DX180T	DX180H	DX200	DX200T	DX200T Ch	CF20	CF20T
Reference number		91181AW	91182AW	91183AW	91013AW	91014AW	91180AW	91015AW	91016AW
Speeds		1	1	1	2	4	4	5	5
Trickle ventilation facility						■	■	■	■
Max. electrical power rating (W)		26	26	26	34	34	34	34	34
IP rating		IPX4	IPX4	IPX4	IPX5	IPX5	IPX5	IPX5	IPX5
Weight (kg)		2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
Guarantee (years, UK)		3	3	3	3	3	3	3	3
Extract performance (FID, m³/h)	boost	-	-	-	-	-	-	108	108
	speed 3	-	-	-	-	-	-	102	102
	speed 2	-	-	-	108	79	79	79	79
	speed 1	94	94	94	50	50	50	50	50
Extract performance (FID, l/s)	trickle	-	-	-	-	36	36	36	36
	boost	-	-	-	-	-	-	30	30
	speed 3	-	-	-	-	30	30	28	28
	speed 2	-	-	-	30	22	22	22	22
Sound pressure (dB(A)@3m)	speed 1	26	26	26	14	14	14	14	14
	trickle	-	-	-	-	10	10	10	10
Sound pressure (dB(A)@3m)	boost	-	-	-	-	-	-	50	50
	speed 3	-	-	-	-	50	50	48	48
	speed 2	-	-	-	50	42	42	42	42
	speed 1	49	49	49	32	32	32	32	32
Sound pressure (dB(A)@3m)	trickle	-	-	-	-	26	26	26	26

**Premier DX180** £42.52  
**Ref. 91181AW**

Single speed centrifugal unit | Operated by remote switch or sensor

**Premier DX180T** £63.89  
**Ref. 91182AW**

Single speed centrifugal unit with timer | Built-in fixed 20 mins run-on period after the light has been switched off

**Premier DX180H** £92.28  
**Ref. 91183AW**

Single speed centrifugal unit with humidistat | On/Off humidistat adjustable 50-90% RH

**Premier DX200** £57.03  
**Ref. 91013AW**

High performance centrifugal unit | Choice of 2 set speeds

**Premier DX200T** £80.44  
**Ref. 91014AW**

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

**Premier DX200T Ch Chrome Cover** £91.32  
**Ref. 91180AW**

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

**Premier CF20** £130.16  
**Ref. 91015AW**

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

**Premier CF20T** £144.77  
**Ref. 91016AW**

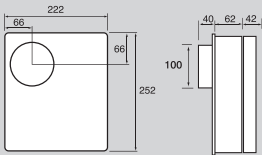
All the features of CF20 plus; | Auto run-on after light switched off | 'QuickVisit' delay feature prevents fan from running should light be switched On/Off again within 2 mins

**Ancillaries**

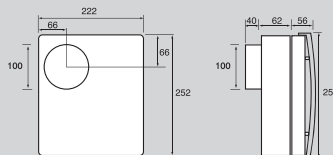
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**Dimensions (mm)**

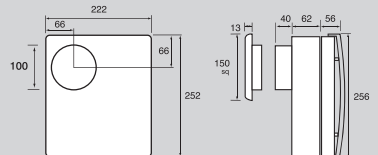
Premier DX180 Range



Premier DX200 Range



Premier CF20 Range



## Xpelair Premier LoVolt, LVDX200 & LVCF20

Safety Extra Low Voltage centrifugal extract and condensation control fans



LVDX200



LVCF20

### The Range

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.

All models come complete with a universal mounting kit and an automatic backdraught shutter.

### Key Features

- Choice of two set speeds (LVDX models) and multi-speed including trickle and boost (LVCF models)
- Room size performance speed selector settings on LVCF models
- Adjustable humidistat on condensation control models (50% - 90%)
- Adjustable run-on timer (30 seconds - 20 mins)
- 'QuickVisit' delay feature on timer models (2 mins)
- Automatic air operated backdraught shutter fitted
- Can be surface or recess mounted
- Totally enclosed maintenance free for life motors
- Clip-off front cover and removable fan blade for ease of cleaning and maintenance
- IPX5 rated
- BEAB approved

Product Selector		LVDX200	LVDX200T	LVCF20	LVCF20T
Reference number		91453AW	91040AW	91041AW	91042AW
Speeds		2	2	5	5
Trickle ventilation facility				■	■
Max. electrical power rating (W)		42	42	42	42
IP rating		IPX5	IPX5	IPX5	IPX5
Weight (kg)		3.35	3.35	3.35	3.35
Guarantee (years, UK)		3	3	3	3
Extract performance (FID, m³/h)	boost	-	-	108	108
	speed 3	-	-	102	102
	speed 2	108	108	79	79
	speed 1	45	45	50	50
	trickle	-	-	36	36
Extract performance (FID, l/s)	boost	-	-	30	30
	speed 3	-	-	28	28
	speed 2	30	30	22	22
	speed 1	12.5	12.5	14	14
	trickle	-	-	10	10
Sound pressure (dB(A)@3m)	boost	-	-	50	50
	speed 3	-	-	48	48
	speed 2	50	50	42	42
	speed 1	30	30	32	32
	trickle	-	-	26	26

**Premier LVDX200** £77.51  
**Ref. 91453AW**

High performance centrifugal unit | Stylish 2 piece fascia with neon indicator | Choice of 2 set speeds | Operated by remote switch eg. lighting circuit

**Premier LVDX200T** £100.91  
**Ref. 91040AW**

High performance centrifugal unit with timer | Stylish 2 piece fascia | Operated by remote switch eg. lighting circuit | 'QuickVisit' delay feature prevents fan from running should light be switched On/Off again within 2 mins | Built-in run-on period after light switched off. User adjustable from 30s-20 mins | Neon indicator

**Premier LVCF20** £159.40  
**Ref. 91041AW**

High performance condensation control centrifugal unit | Integral condensation controller | Stylish 2 piece fascia | User adjustable humidistat (50-90% RH) | Room size selector matches extract performance for improved efficiency | Trickle ventilation facility | Automatic or pullcord manual override | Includes external wall grille | Neon indicator

**Premier LVCF20T** £174.02  
**Ref. 91042AW**

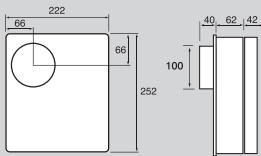
High performance condensation control centrifugal unit with timer (30s-20 mins) | Integral condensation controller | Stylish 2 piece fascia | User adjustable humidistat (50-90% RH) | Room size selector matches extract performance for improved efficiency | Operated by remote switch eg. lighting circuit | Trickle ventilation facility | Automatic or pullcord manual override | Neon indicator | Includes external wall grille

**Ancillaries**

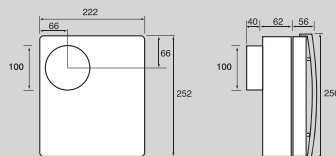
See pages 79-94

**Dimensions (mm)**

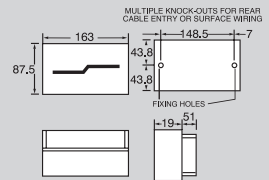
LVDX200 Range



LVCF20 Range



LV Transformer



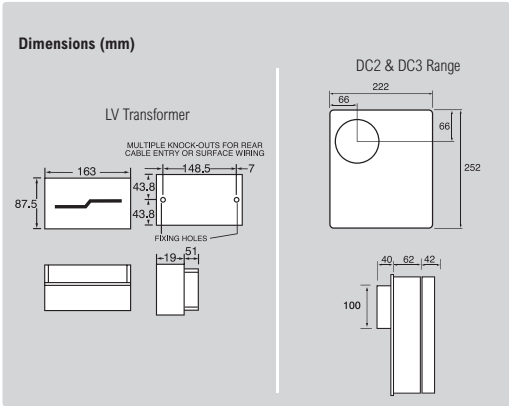
# Xpelair Premier DC2 & DC3

Long life low energy use centrifugal fans



## The Range

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 ranges fans are available in DX multi speed and CF models with the addition of active response humidity control. Premier DC2 models are supplied complete with an external SELV transformer that is mounted 'out of zone'. Premier DC3 models have an integral power supply and so do not require connection to an external SELV transformer. All models are IPX5 rated. The constant trickle feature Premier DC units, when installed in every wet area of a property, achieve whole house system classification for compliance to current Building Regulations for either intermittent or continuous extract.



## Key Features

- Extra long life, 'low energy use' UltraDC motors
- Surface or recessed mounting, wall or ceiling
- Ideal for both 'through wall' or ducted applications
- Intermittent operation selectable
- Meets latest Building Regulations for continuous and intermittent use, Part L Compliant
- Clip off front cover and removable impeller for ease of cleaning and simple maintenance
- IPX5 rated
- BEAB approved
- 5 year UK motor guarantee

## Models Pricing Group 30

**LVDX200T DC2** Ref. 92439AW **£172.50**  
UltraDC motor fan with SELV remote transformer | Selectable installed speeds\* | Constant trickle and boost options | Adjustable overrun timer with Quick Visit delay feature

**LVCF20T DC2** Ref. 92335AW **£184.00**  
UltraDC motor fan with SELV remote transformer | Active response humidity control model | Selectable installed speeds\* | Constant trickle and boost options | Adjustable overrun timer with Quick Visit delay feature

**DX200T DC3** Ref. 92575AW **£181.13**  
UltraDC motor fan with integral supply | Selectable installed speeds\* | Constant trickle and boost options | Adjustable overrun timer with Quick Visit delay feature

**CF20T DC3** Ref. 92576AW **£193.20**  
UltraDC motor fan with integral supply | Active response humidity control model | Selectable installed speeds\* | Constant trickle and boost options | Adjustable overrun timer with Quick Visit delay feature

**\*Selectable installed speeds to satisfy Part F1 requirements (table 1.1a) | Intermittent bathroom 15l/s | Intermittent sanitary accommodation 8l/s | Continuous extract kitchen 15l/s | Continuous extract bathroom 8l/s | Continuous extract sanitary accommodation 6l/s**

## Ancillaries

See pages 79-94

Product Selector	LVDX200T DC2	LVCF20T DC2	DX200T DC3	CF20T DC3
Reference number	92439AW	92335AW	92575AW	92576AW
Humidistat		■		■
Selectable installed performances Installed with WD* 0G+CFWG100 kit	6l/s 8l/s 15l/s	6l/s 8l/s 15l/s	6l/s 8l/s 15l/s	6l/s 8l/s 15l/s
Sound pressure level (dB(A)@3m)	- - 32	- - 32	- - 32	- - 32
Electrical power rating (W) 220-240V AC 50-60Hz	2.7 3.1 5.6	2.7 3.1 5.6	2.7 3.1 5.6	2.7 3.1 5.6
Specific fan power (maximum W/l/s)	0.37	0.37	0.37	0.37
IP rating	IPX5	IPX5	IPX5	IPX5
Weight (kg)	1.8	1.8	1.8	1.8
Transformer on LV model	■	■		
Guarantee (years, UK)	5	5	5	5
Kg carbon saving (per year)	17*	17*	17*	17*

\*Based on comparison with 3 standard intermittent AC fans on a 79m² semi detached house, gas heated, build 2006 using SAP 2005 software using best practice (3) tightness.



# Xpelair DX100

100mm (4") axial extract fans



### The Range

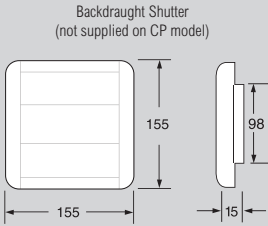
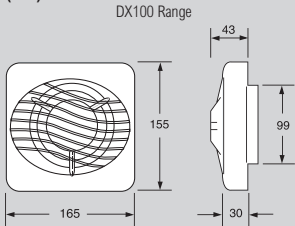
A comprehensive range of compact and easy to install single speed fans. Suitable for a wide range of applications including bathrooms, shower rooms and toilets, including zones 1 and 2.

All DX fans (except the CP clamp packed model) come complete with a universal mounting kit (wall tube, gasket x 2, outer grille and skirt moulding for window) suitable for wall, ceiling or window mounting in single glazing up to 6mm. All models are IPX5 rated (except DX100PIR) and BEAB approved.

### Key Features

- Single speed 100mm (4") axial extract fans
- Seven model range with remotely switched, integral pullcord, timer, humidistat and integral PIR control options
- Maximum fan performance 21 l/s
- Lubricated for life motors with thermal cut-out protection
- Clip-off front cover for ease of cleaning
- IPX5 rated (except DX100PIR = IPX4)
- BEAB approved

### Dimensions (mm)



Product Selector	DX100	DX100PC	DX100T	DX100H	DX100HP	DX100PIR	DX100T CP
Reference number	90839AW	90840AW	90841AW	90842AW	90843AW	90844AW	92458AW
Max. air flow (FID, m³/h)	76	76	76	76	76	76	76
Max. air flow (FID, l/s)	21	21	21	21	21	21	21
Sound pressure level (dB(A)@3m)	35	35	35	35	35	35	35
Electrical power rating (W)	12	12	12	12	12	12	12
IP rating	IPX5	IPX5	IPX5	IPX5	IPX5	IPX4	IPX5
Universal mounting kit	■	■	■	■	■	■	
Weight (kg)	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Guarantee (years, UK)	3	3	3	3	3	3	3

### Models Pricing Group 30

<b>DX100*</b>	<b>Ref. 90839AW</b>	<b>£27.51</b>
Single speed axial unit   Operated by a remote switch or sensor		
<b>DX100PC*</b>	<b>Ref. 90840AW</b>	<b>£28.94</b>
Single speed axial unit with pullcord   Operated by integral pullcord		
<b>DX100T*</b>	<b>Ref. 90841AW</b>	<b>£35.84</b>
Single speed axial unit with timer   Timer triggered by a remote switch   Adjustable timer (2-20 mins)		
<b>DX100H*</b>	<b>Ref. 90842AW</b>	<b>£103.24</b>
Single speed axial unit with humidistat   Auto On/Off operation by integral humidity sensor, adjustable from 50-90% RH   Timer function adjustable (2-20 mins)		

<b>DX100HP*</b>	<b>Ref. 90843AW</b>	<b>£103.24</b>
Single speed with humidistat and pullcord   Timer (2-20 mins)   Auto On/Off by integral humidity sensor, adjustable 50-90% RH   Pullcord on feature overrides the auto-humidity sensor function		

<b>DX100PIR*</b>	<b>Ref. 90844AW</b>	<b>£74.54</b>
Single speed axial unit with PIR detector   Auto On/Off operation   Integral passive infrared sensor		

\*Supplied complete with a universal mounting kit

<b>DX100T CP</b>	<b>Ref. 92458AW</b>	<b>£29.93</b>
Single speed axial unit with timer   Adjustable timer (2-20 mins)   Fan only without universal mounting kit   Clamp packed in boxes of 20		

Ancillaries See pages 79-94

# Xpelair LoVolt LV100

Safety Extra Low Voltage 100mm (4”) axial extract fans

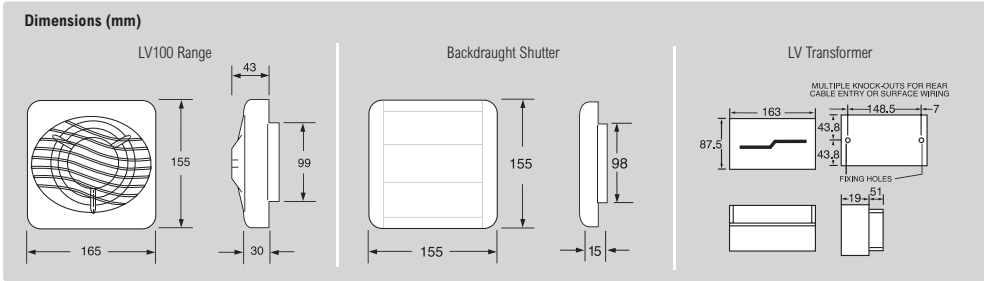


## The Range

LV100 12V Safety Extra Low Voltage (SELV) fans offer complete peace of mind as they are specifically designed to be installed directly in or over the splash area zone 1 in complete safety. All models are supplied with a 12V SELV transformer which is sited out of reach of any person using the bath or shower. All models come complete with a universal mounting kit suitable for wall, ceiling or window mounting (in single glazing up to 6mm) applications. The kit includes an air operated backdraught shutter and control options include integral pullcord and timer. Humidistat and PIR options offer automatic control. The LV100 range conforms to Building Regulations’ mechanical ventilation for toilets and bathrooms.

## Key Features

- Single speed SELV 100mm (4”) axial fans with remote transformer
- Six model range with remotely switched, integral pullcord, timer, humidistat or PIR control options
- Maximum fan performance 24 l/s
- Lubricated for life motors with thermal cut-out protection
- Clip-off front cover for ease of cleaning
- Fan units are IPX5 rated
- BEAB approved



Product Selector	LV100	LV100PC	LV100T	LV100H	LV100HP	LV100PIR
Reference number	90845AW	90846AW	90847AW	90848AW	90849AW	90867AW
Extract performance (FID, m³/h)	85	85	85	85	85	85
Extract performance (FID, l/s)	24	24	24	24	24	24
Sound pressure level (dB(A)@3m)	37	37	37	37	37	37
Electrical power rating (W)	13	13	13	13	13	13
IP rating	IPX5	IPX5	IPX5	IPX5	IPX5	IPX5
Weight (kg)	2.2	2.2	2.2	2.2	2.2	2.2
Guarantee (years, UK)	3	3	3	3	3	3

## Models Pricing Group 30

<b>LV100</b> Operated by remote switch or sensor (in a bathroom normally a separate pullcord or lighting circuit)	<b>Ref. 90845AW</b>	<b>£72.29</b>
<b>LV100PC</b> Operated by integral pullcord	<b>Ref. 90846AW</b>	<b>£72.29</b>
<b>LV100T</b> Timer triggered by a remote switch, for example the lighting circuit. Timer variable from 2-20 mins	<b>Ref. 90847AW</b>	<b>£79.53</b>
<b>LV100HP</b> Automatic On/Off operation by integral humidity sensor. Adjustable from 50-90% RH   Adjustable timer function (2-20 mins)	<b>Ref. 90849AW</b>	<b>£144.97</b>
<b>LV100HP</b> Automatic On/Off operation by integral humidity sensor   Built-in adjustable humidistat   Integrated overrun timer eliminates nuisance tripping   Timer variable from 30 secs-30 mins   Built-in backdraught shutter	<b>Ref. 92570AW</b>	<b>£144.97</b>
<b>LV100PIR</b> Automatic On/Off operation   Integral passive infrared sensor   Adjustable timer function (2-20 mins)	<b>Ref. 90867AW</b>	<b>£100.86</b>

## Ancillaries

See pages 79-94

# Xpelair DX100B

100mm (4") axial fan range (without universal fitting kit)



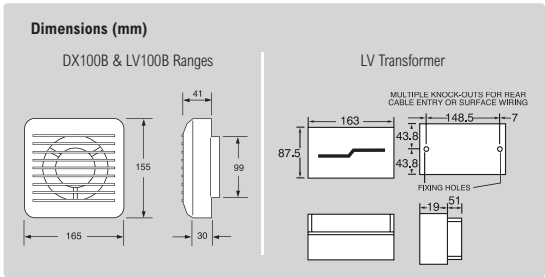
### The Range

Xpelair's newly styled range of axial fans are supplied as 'fan only units', without a universal fitting kit. Compact and simple to fit they are ideal for 100mm (4") axial fan replacement in both domestic and commercial applications.

The DX100 B range has five control model options and a further five safety extra low voltage variants to suit a wide range of bathroom, shower room, utility and toilet installations.

### Key Features

- Single speed 100mm axial fan unit only
- Compact, easy to install - ideal retro-fit fan replacement
- Ten model range with linear horizontal grille styling
- LV Low volt models are supplied with (SELV) transformer unit
- Lubricated for life motor with thermal cut-out protection
- Clip-off front cover for ease of cleaning
- IPX5 rated and BEAB approved
- Wall and window mounting kits available separately



### Models Pricing Group 30

**DX100B Ref. 92612AW £19.00**  
Single speed axial unit | Operated by a remote switch or sensor

**DX100BP Ref. 92613AW £23.00**  
Single speed axial unit with pullcord | Operated by integral pullcord

**DX100BT Ref. 92614AW £25.00**  
Single speed axial unit with timer | Timer triggered by a remote switch - usually the lighting circuit | Adjustable timer (2-20 mins)

**DX100BHT Ref. 92615AW £60.00**  
Single speed axial unit with humidistat | Auto On/Off operation by integral humidity sensor, adjustable from 50-90% RH | Timer function adjustable (2-20 mins)

**DX100BHTPT Ref. 92642AW £65.00**  
Single speed axial unit with humidistat and pullcord | Timer function adjustable (2-20 mins) | Auto On/Off operation by integral humidity sensor, adjustable from 50-90% RH | Pullcord on feature overrides the auto-humidity sensor function

**LV100B Ref. 92616AW £58.00**  
Operated by remote switch or sensor (in a bathroom normally a separate pullcord or lighting circuit)

**LV100BP Ref. 92617AW £62.00**  
Operated by integral pullcord

**LV100BT Ref. 92618AW £65.00**  
Timer triggered by a remote switch, for example the lighting circuit. Timer variable from 2-20 mins

**LV100BHT Ref. 92619AW £90.00**  
Automatic On/Off operation by integral humidity sensor. Adjustable from 50-90% RH | Adjustable timer function (2-20 mins)

**LV100BHPT Ref. 92620AW £95.00**  
Automatic On/Off operation by integral humidity sensor. Adjustable from 50-90% RH | Adjustable timer function (2-20 mins) | Pullcord on feature overrides the auto-humidity sensor function

**Ancillaries** See pages 79-94

Product Selector	DX100B	DX100BP	DX100BT	DX100BHT	DX100BHTPT	LV100B	LV100BP	LV100BT	LV100BHT	LV100BHPT
Reference number	92612AW	92613AW	92614AW	92615AW	92642AW	92616AW	92617AW	92618AW	92619AW	92620AW
Remote switch (supplied separately)	■		■			■		■		
Integral pullcord		■			■		■			■
Integral timer (adjustable 2-20 mins)			■	■	■			■	■	■
Active humidity sensor (65-85% RH)				■	■				■	■
Max. air flow (FID, m³/h)	76	76	76	76	76	85	85	85	85	85
Max. air flow (FID, l/s)	21	21	21	21	21	24	24	24	24	24
Sound pressure level (dB(A)@3m)	35	35	35	35	35	37	37	37	37	37
Electrical power rating (W)	12	12	12	12	12	12	13	13	13	13
IP rating	IPX5	IPX5	IPX5	IPX5	IPX5	IPX4	IPX5	IPX5	IPX5	IPX5
Remote LoVolt transformer included						■	■	■	■	■
Weight (kg)	0.6	0.6	0.6	0.6	0.6	1.6	1.6	1.6	1.6	1.6
Guarantee (years, UK)	3	3	3	3	3	3	3	3	3	3

## Xpelair Slimline SL100 & SLDC100

Slimline, low profile axial extract fans



### The Range

The slimline SL100 fan is one of the lowest profile fans available, with an internal projection of only 14mm, ideal for domestic bathrooms, shower rooms, toilets and other small rooms. Simple to install, the QuickClamp fixings make traditional wall plug and screw fixings a thing of the past.

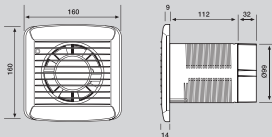
All Slimline fans are IPX4 rated to meet IEE Regulations for zone 1 and 2 bathrooms and shower rooms and meet the latest Building Regulation requirements.

### Key Features

- Five single speed 100mm (4") fans with AC or DC motors
- Models include remotely switched, integral pullcord, timer, humidistat, humidistat with timer and PIR control options
- Maximum fan performance 100mm (20.1 l/s)
- Features integral backdraught shutter
- Quick clamp fixing for ease of installation
- IPX4 rated

### Dimensions (mm)

SL100 & SLDC100 Range



### Models

### Pricing Group 30

**SL100** Ref. 92674AW **£28.00**

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

**SL100P** Ref. 92675AW **£32.00**

Single speed axial fan with pullcord | Operated by integral On/Off pullcord switch

**SL100T** Ref. 92676AW **£40.00**

Single speed axial fan with timer | Timer triggered by remote switch - usually the lighting circuit | Timer variable from 30 secs-30 mins

**SL100HT** Ref. 92677AW **£58.00**

Single speed axial fan with humidistat and overrun timer | Built in adjustable humidistat | Integrated overrun timer eliminates nuisance tripping | Timer variable from 30 secs-30 mins

**SL100PIR** Ref. 92678AW **£80.00**

Single speed axial fan with integral PIR Control | Built in backdraught shutter

**SLDC100** Ref. 92679AW **£76.00**

Three speed axial fan | Operated by remote switch sensor | Longlife DC motor | Built in backdraught shutter

**SLDC100P** Ref. 92680AW **£92.00**

Three speed axial fan with pullcord | Longlife DC motor | Built in backdraught shutter

**SLDC100T** Ref. 92681AW **£95.00**

Three speed axial fan with timer - variable from 30secs-30mins | Longlife DC motor | Built in backdraught shutter

**SLDC100HT** Ref. 92682AW **£100.00**

Three speed operation by an integral active humidistat sensor | Pre-set override adjustable from 65-85% RH | Longlife DC motor | Adjustable timer function variable from 30sec-30mins | Built in backdraught shutter as standard

**SLDC100PIR** Ref. 92683AW **£120.00**

Three speed axial fan | Integral PIR Control | Longlife DC motor | Built in backdraught shutter

### Ancillaries

See pages 79-94

Product Selector	SL100	SL100P	SL100T	SL100HT	SL100PIR	SLDC100	SLDC100P	SLDC100T	SLDC100HT	SLDC100PIR
Reference number	92674AW	92675AW	92676AW	92677AW	92678AW	92679AW	92680AW	92681AW	92682AW	92683AW
Speeds	1	1	1	1	1	3	3	3	3	3
Trickle ventilation facility										
Electrical power rating (W)	11	11	11	11	11	3.6, 3.6, 4.2	3.6, 3.6, 4.2	3.6, 3.6, 4.2	3.6, 3.6, 4.2	3.6, 3.6, 4.2
IP rating	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Weight (kg)	0.75	0.75	0.75	0.75	0.75	0.65	0.65	0.65	0.65	0.65
Guarantee (years, UK)	2	2	2	2	2	2	2	2	2	2
Extract performance (FID, m³/h)	Speed 1	72.5	72.5	72.5	72.5	26	26	26	26	26
	Speed 2					29	29	29	29	29
	Speed 3					65	65	65	65	65
Extract performance (FID, l/s)	20.1	20.1	20.1	20.1	20.1					
Suitable for installations at (l/s)						6, 8, 15	6, 8, 15	6, 8, 15	6, 8, 15	6, 8, 15
Sound pressure level (dB(A)@3m)	32	32	32	32	32	28, 30, 33	28, 30, 33	28, 30, 33	28, 30, 33	28, 30, 33

# Xpelair Slimline LVSLDC100

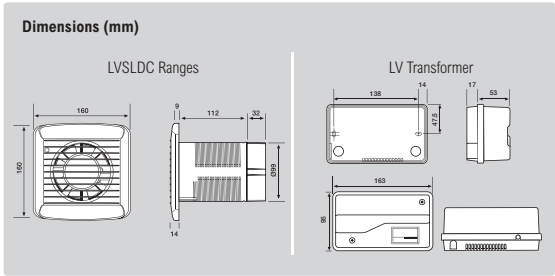
Slimline, SELV low profile axial extract fans



## The Range

Xpelair's brand new generation of 100mm SELV Slimline fans complete with long life Ultra DC motors are one of the lowest profile fans on the market. With an external projection of only 14mm and a stylish white finish the range will meet any design criteria.

DC range is capable of intermittent or continuous ventilation with an optional pre-selected trickle function and boost speed selectable at point of installation. Easy to install and maintain the range is perfect for new build use in bathrooms, shower rooms, toilets and other small rooms. Complete with 3 speed settings and multiple control options this range will fit all build applications. Humidistat models adjustable from 65-85% RH, timer options adjustable up to 30 minutes and PIR sensors for less populated areas are all available. Complete with internal backdraught shutters these DC models can be fitted as an AC alternative to ensure energy savings for the homeowner while simultaneously contributing to Government goals of low carbon homes. These units meet Building regulations for bathrooms, shower rooms, toilets and other small rooms and all models are suitable for a supply voltage of 220-240V 50Hz and ambient temperatures of 50°C.



## Key Features

- Three speed 100mm (4") SELV axial extract fans
- Five models include remotely switched, integral pullcord, timer, humidistat, humidistat with timer and PIR control options
- Maximum fan performance 100mm (20.1 l/s)
- Integral backdraught shutter
- Quick clamp fixing for ease of installation
- IPX4 rated

## Models

## Pricing Group 30

<b>LVSLDC100</b>	<b>Ref. 92685AW</b>	<b>£100.00</b>
Three speed axial fan   Operated by a remote switch sensor with built in backdraught shutter		
<b>LVSLDC100P</b>	<b>Ref. 92686AW</b>	<b>£102.00</b>
Three speed axial fan with pullcord and built in backdraught shutter		
<b>LVSLDC100T</b>	<b>Ref. 92687AW</b>	<b>£105.00</b>
Three speed axial fan with timer - variable from 30sec - 30mins and built in backdraught shutter		
<b>LVSLDC100HT</b>	<b>Ref. 92688AW</b>	<b>£108.00</b>
Three speed operation by an integral active humidistat sensor and pre-set override adjustable from 65 - 85% RH. Also includes adjustable timer function variable from 30sec - 30mins and built in backdraught shutter		
<b>LVSLDC100PIR</b>	<b>Ref. 92689W</b>	<b>£123.00</b>
Three speed axial fan with integral PIR Control and built in backdraught shutter		

## Ancillaries

See pages 79-94

Product Selector	LVSLDC100	LVSLDC100P	LVSLDC100T	LVSLDC100HT	LVSLDC100PIR
Reference number	92685AW	92686AW	92687AW	92688AW	92689AW
Speeds	3	3	3	3	3
Trickle ventilation facility					
Electrical power rating (W)	11	11	11	11	11
IP rating	IPX4	IPX4	IPX4	IPX4	IPX4
Weight (kg) inclusive of transformer	0.95	0.95	0.95	0.95	0.95
Guarantee (years, UK)	2	2	2	2	2
Extract performance (FID, m³/h)	Speed 1	26	26	26	26
	Speed 2	29	29	29	29
	Speed 3	65	65	65	65
Suitable for installations at (l/s)	6, 8, 15	6, 8, 15	6, 8, 15	6, 8, 15	6, 8, 15
Sound pressure level (dB(A)@3m)	28, 30, 33	28, 30, 33	28, 30, 33	28, 30, 33	28, 30, 33

# Xpelair Slimline SL150 & SLDC150

Slimline, low profile axial extract fans

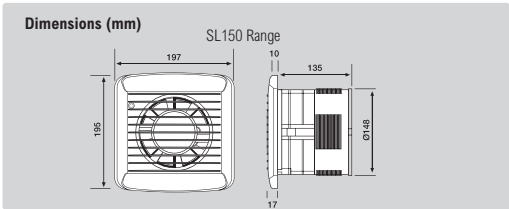


## The Range

A new generation of 150mm Slimline fans, one of the lowest profile fans on the market with an external projection of only 17mm. Stylish white finish, the range is perfect for refurbishments and minor works in kitchens and utility rooms. Easy to install and maintain it comes in a range of control options that will fit all build applications. Humidistat models adjustable from 65–85% RH, timer options adjustable up to 30 minutes and PIR sensors for less populated areas are all available. Slimline fans come complete with internal backdraught shutters and extract directly to outside atmosphere or alternatively through a short duct run.

## Key Features

- Five single speed and five multi speed 150mm (6") axial fans
- Models include remotely switched, integral pullcord, timer, humidistat, humidistat with timer and PIR control options
- Maximum fan performance SL150 (68 l/s) SLDC150 (60 l/s)
- Features integral backdraught shutter
- Quick clamp fixing for ease of installation
- IPX4 rated



Product Selector	SL150	SL150P	SL150T	SL150HT	SL150PIR	SLDC150	SLDC150P	SLDC150T	SLDC150HT	SLDC150PIR
Reference number	92664AW	92665AW	92666AW	92667AW	92668AW	92669AW	92670AW	92671AW	92672AW	92673AW
Speeds	1	1	1	1	1	5	5	5	5	5
Electrical power rating (W)	34	34	34	34	34	2.4 to 13.5	2.4 to 13.5	2.4 to 13.5	2.4 to 13.5	2.4 to 13.5
IP rating	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Weight (kg)	1.20	1.20	1.20	1.20	1.20	0.9	0.9	0.9	0.9	0.9
Guarantee (years, UK)	2	2	2	2	2	2	2	2	2	2
Extract performance (FID, m³/h)	Speed 1	245	245	245	245	33	33	33	33	33
	Speed 2					50	50	50	50	50
	Speed 3					58	58	58	58	58
	Speed 4					121	121	121	121	121
	Speed 5					224	224	224	224	224
Extract performance (FID, l/s)	68	68	68	68	68					
Suitable for installations at (l/s)						8 to 60	8 to 60	8 to 60	8 to 60	8 to 60
Sound pressure level (dB(A)@3m)	42	42	42	42	42	13 to 44	13 to 44	13 to 44	13 to 44	13 to 44

## Models Pricing Group 30

**SL150** Ref. 92664AW £40.00  
Single speed axial fan | Operated by a remote switch or sensor, usually a lighting circuit | Built in backdraught shutter

**SL150P** Ref. 92665AW £45.00  
Single speed axial fan with pullcord | Operated by integral On/Off pullcord switch | Built in backdraught shutter

**SL150T** Ref. 92666AW £53.00  
Single speed axial fan with timer | Timer triggered by remote switch | Timer variable from 30 secs-30 mins | Built in backdraught shutter

**SL150HT** Ref. 92667AW £70.00  
Single speed axial fan with humidistat and overrun timer | built-in adjustable humidistat | Integrated overrun timer eliminates nuisance tripping | Timer variable from 30 secs-30 mins | Built in backdraught shutter

**SL150PIR** Ref. 92668AW £85.00  
Single speed axial fan with pullcord | Integral PIR Control | Built in backdraught shutter

**SLDC150** Ref. 92669AW £90.00  
Five speed DC axial fan | Operated by a remote switch or sensor | Built in backdraught shutter

**SLDC150P** Ref. 92670AW £103.00  
Five speed DC axial fan with pullcord | Built in backdraught shutter

**SLDC150T** Ref. 92671AW £92.50  
Five speed DC axial fan with timer | Timer variable from 30 secs-30 mins | Built in backdraught shutter

**SLDC150HT** Ref. 92672AW £148.50  
Five speed DC axial fan with humidistat and overrun timer | Integrated overrun timer eliminates nuisance tripping | Timer variable from 30 secs-30 mins | Built in backdraught shutter

**SLDC150PIR** Ref. 92673AW £123.00  
Five speed DC axial fan with pullcord | Integral PIR Control | Built in backdraught shutter

## Accessories See pages 79-94

# Xpelair XIL & XXS

Inline axial extract fan systems for shower cubicles

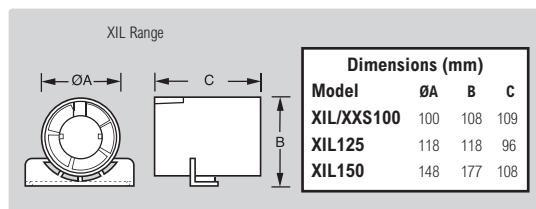


## The Range

XIL fans are available in 100, 125 & 150mm sizes as fan systems which contain all the components necessary for a normal installation. Including the inline fan, 3m of flexible duct, worm drive clips, inline backdraught shutter (XIL100 only), internal white ceiling grille and outside soffit/wall grille. XXS100 fans are available on their own. Xpelair XIL systems conform to Building Regulations' mechanical ventilation for toilets, shower rooms and bathrooms. 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.

## Key Features

- Eight model range, XIL100mm, 125mm and 150mm system kits and XXS100 fan only
- Each model available with and without timer
- Operated by a remote switch/pullcord or a flow switch on the shower water supply
- Lubricated for life, maintenance free motors
- Thermal cut-out safety protection
- IPX2 Rated



## Models

## Pricing Group 30

**XIL100 Ref. 90329AW £43.36**  
Single speed inline shower fan system | Operated by remote switch (in a bathroom or wired to the lighting circuit) | Can also be wired to a water flow switch fitted in the pipework to the shower control to switch On/Off when the shower is in use

**XIL100T Ref. 90330AW £50.59**  
Single speed inline shower fan system | Built-in overrun timer (adjustable at installation from 2-20 mins) | Operated by remote switch or sensor

**XIL125 Ref. 91242AW £41.58**  
Single speed inline shower fan system | Operated by remote switch or sensor

**XIL125T Ref. 91243AW £52.23**  
Single speed inline shower fan system | Built-in overrun timer (adjustable at installation from 3-15 mins) | Operated by remote switch

**XIL150 Ref. 91244AW £55.23**  
Single speed inline shower fan system | Operated by remote switch

**XIL150T Ref. 91245AW £67.34**  
Single speed inline shower fan system | Built-in overrun timer (adjustable at installation from 3-15 mins) | Operated by remote switch

## Models

## Pricing Group 30X

**XXS100 Ref. 90331AW £23.57**  
Single speed inline fan unit only | Operated by remote switch or sensor

**XXS100T Ref. 90332AW £31.17**  
Single speed inline fan unit only | Integral timer operated by remote switch (adjustable from 2-20 mins)

## Ancillaries

See pages 79-94

## Shower Fan Systems

## Fan Only

Product Selector	XIL 100	XIL 100T	XIL 125	XIL 125T	XIL 150	XIL 150T	XXS 100	XXS 100T
Reference number	90329AW	90330AW	91242AW	91243AW	91244AW	91245AW	90331AW	90332AW
Electrical power rating (W)	29	29	20	20	25	25	29	29
Extract performance (FID, m³/h)	54	54	63	63	133	133	95 FID	95 FID
Extract performance (FID, l/s)	15	15	18	18	37	37	26 FID	26 FID
Sound pressure level (dB(A)@3m)	30	30	43	43	45	45	33	33
Duct diameter (mm)	100	100	125	125	150	150	100	100
Hole diameter (mm)	115	115	140	140	165	165	115	115
IP rating	IPX2	IPX2	IPX2	IPX2	IPX2	IPX2	IPX2	IPX2
Weight (kg)	0.9	0.9	1.83	1.83	2.1	2.1	0.8	0.8
Guarantee (years, UK)	3	3	2	2	2	2	2	2

\*XXS fan only performance measured FID, XIL fan systems measured in typical installation (comprising 90° bend on the inlet & outlet plus 3m of duct).

# Xpelair BriteX LoVolt & Turbo+

Inline shower fan and SELV light systems for shower cubicles



### The Range

Xpelair BriteX range is designed to extract condensation laden air directly from above the shower whilst illuminating the cubicle. BriteX kits include everything needed for a standard installation including a stylish ceiling inlet complete with bezel and 12V 35W sealed dichroic lamp, an inline extract fan, 12V Safety Extra Low Voltage (SELV) transformer, flexible ducting, duct ties and a soffit/wall grille. The kits are available in a choice of white or chrome bezel.

BriteX LoVolt is suitable for shorter duct runs (3m duct supplied) in shower cubicles, bathrooms and toilets. For larger shower rooms and longer ducts choose BriteX Turbo which comes complete with 6 metres of flexible ducting. The motor housing is made from ABS and has a detachable mounting foot. All BriteX systems can be installed in zone 1 in accordance with IEE Regulations 16th Edition. All versions are IPX4 rated and suitable for use with a supply voltage of 220-240V 50Hz.

### Key Features

- Eight model range
- BX100 (16 l/s) supplied with 3m of flexible ducting
- BX100+ turbo (21 l/s) supplied with 6m of flexible ducting
- Both models available with and without timer
- Available with white or chrome finished internal bezel
- Supplied with 12V 35W sealed dichroic lamp and inline transformer
- Lubricated for life, maintenance free motors with thermal cut-out protection
- IPX4 rated

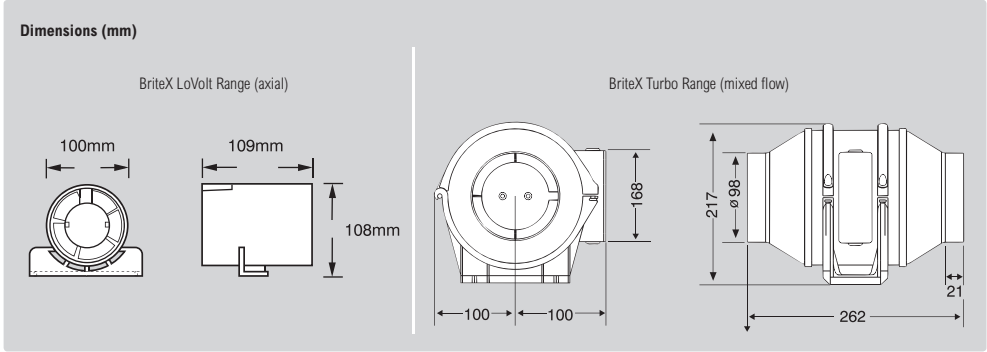
Product Selector	Axial				Mixed flow			
	BX100W	BX100WT	BX100C	BX100CT	BX100+W	BX100+WT	BX100+C	BX100+CT
Reference number	92276AW	92277AW	92278AW	92279AW	91248AW	91250AW	91249AW	91251AW
Duct length supplied (metres)	3	3	3	3	6	6	6	6
Fan electrical power rating (W)	30	30	30	30	25	25	25	25
Hole diameter (mm)	102	102	102	102	102	102	102	102
IP rating	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Bezel colour	white	white	chrome	chrome	white	white	chrome	chrome
Weight (kg)	0.5	0.5	0.5	0.5	2.1	2.1	2.1	2.1
Guarantee (years, UK)	3	3	3	3	2	2	2	2
Extract performance (m³/h)	58	58	58	58	74	74	74	74
Extract Performance (l/s)	16	16	16	16	21	21	21	21
Sound pressure level (dB(A)@3m)	36	36	36	36	55	55	55	55



<b>BX100W</b> <b>Ref. 92276AW</b>  <b>White bezel model</b> Suitable for shower cubicles, bathrooms and toilets   3m of flexible ducting   Stylish SELV rated air inlet with 35W sealed dichroic lamp   SELV transformer   IPX4 rated double insulated fan   ABS housing with detachable mounting foot   Sealed for life maintenance free motor   Safety thermal overload protection   Duct ties   Soffit/wall grille colour brown	<b>£86.83</b>	<b>BX100WT</b> <b>Ref. 92277AW</b>  <b>White bezel model</b> 3m of flexible ducting   Fan fitted with overrun timer adjustable from 1-20 mins   Fan is typically connected to the bathroom lighting. Fan continues to run after the light has been switched off   Suitable for shower cubicles, bathrooms and toilets   Stylish SELV rated air inlet with 35W sealed dichroic lamp   SELV transformer   IPX4 rated double insulated fan   ABS housing with detachable mounting foot   Sealed for life maintenance free motor   Safety thermal overload protection   Duct ties   Soffit/wall grille colour brown	<b>£115.78</b>	<b>Turbo BX100+W</b> <b>Ref. 91248AW</b>  <b>White bezel model</b> Suitable for longer duct runs and larger bathrooms   6m of flexible ducting   Stylish SELV rated air inlet with 35W sealed dichroic lamp   SELV transformer   IPX4 rated double insulated mixed flow inline fan   ABS housing with detachable mounting foot   Sealed for life maintenance free motor   Safety thermal overload protection   Duct ties   Soffit/wall grille colour brown	<b>£121.01</b>	<b>Turbo BX100+WT</b> <b>Ref. 91250AW</b>  <b>White bezel model</b> Fan fitted with overrun timer adjustable from 3-15 mins   6m of flexible ducting   Fan typically connected to the bathroom lighting. Fan continues to run after the light has been switched off   Stylish SELV rated air inlet with 35W sealed dichroic lamp   SELV transformer   IPX4 rated double insulated mixed flow inline fan   ABS housing with detachable mounting foot   Sealed for life maintenance free motor   Safety thermal overload protection   Duct ties   Soffit/wall grille colour brown	<b>£160.45</b>
<b>BX100C</b> <b>Ref. 92278AW</b>  <b>Chrome bezel model</b> As BriteX LoVolt BX100W but with chrome bezel	<b>£96.96</b>	<b>BX100CT</b> <b>Ref. 92279AW</b>  <b>Chrome bezel model</b> As BriteX LoVolt BX100WT but with chrome bezel	<b>£125.92</b>	<b>Turbo BX100+C</b> <b>Ref. 91249AW</b>  <b>Chrome bezel model</b> As BriteX LoVolt BX100+W but with chrome bezel	<b>£131.56</b>	<b>Turbo BX100+CT</b> <b>Ref. 91251AW</b>  <b>Chrome bezel model</b> As BriteX LoVolt BX100+WT but with chrome bezel	<b>£171.01</b>

Ancillaries

See pages 79-94



## Xpelair XIM

Inline mixed flow extract fans for domestic ducted applications



### The Range

Available in four sizes, the Xpelair XIM range of plastic mixed flow units offers duties for a wide range of ducted applications. The two T models have a timer overrun adjustable from 3 to 15 mins. Larger units have two speeds.

All models come complete with a convenient mounting cradle which makes installation or subsequent inspection simple. The terminal box is easily accessible simplifying the electrical connection. XIM units are either IPX2 or IPX4. Those rated IPX4 can be used in wet room ducted applications.

### Key Features

- **Eight model range**
- **XIM100 standard single speed model (21 l/s)**
- **XIM100T timer single speed model (21 l/s)**
- **XIM100+ plus two speed model (53 l/s - 70 l/s)**
- **XIM100+T plus timer two speed model (53 l/s - 70 l/s)**
- **XIM125 standard two speed model (55 l/s - 74 l/s)**
- **XIM150 standard two speed model (99 l/s - 132 l/s)**
- **XIM150T timer two speed model (99 l/s - 132 l/s)**
- **XIM 200 standard two speed model (166 l/s - 235 l/s)**
- **All models supplied with convenient installation mounting cradle**
- **Lubricated for life, maintenance free motors**
- **Thermal cut-out safety protection**
- **IPX4 rated (except XIM100 & XIM100T - IPX2 Rated)**

Product Selector	XIM100	XIM100T	XIM100+	XIM100+T	XIM125	XIM150	XIM150T	XIM200
Reference number	91252AW	91253AW	91254AW	91473AW	91255AW	91256AW	91257AW	91258AW
Speeds	1	1	2	2	2	2	2	2
Max. electrical power rating (W)	25	25	25	25	25	80	80	80
Duct size (mm)	100	100	100	100	125	150	150	200
IP rating	IPX2	IPX2	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Weight (kg)	1.2	1.2	2.1	2.1	2.1	3.2	3.2	4.5
Guarantee (years, UK)	2	2	2	2	2	2	2	2
Max. extract performance (FID m³/h)	77	77	251	251	265	476	476	845
Min. extract performance (FID m³/h)			190	190	198	358	358	599
Max. extract performance (FID l/s)	21	21	70	70	74	132	132	235
Min. extract performance (FID l/s)			53	53	55	99	99	166
Max. sound pressure level (dB(A)@3m)	14	14	22	22	25	39	39	39

**XIM100 £108.74****Ref. 91252AW**

Single speed inline fan | Mixed flow impellor/guide vanes | Integral mounting cradle | Rated as IPX2

**XIM100T £134.87****Ref. 91253AW**

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

**XIM100+ £138.38****Ref. 91254AW**

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

**XIM100+T £138.97****Ref. 91473AW**

Two speed inline shower fan system | Built-in overrun timer (adjustable at installation from 2-20 mins) | Operated by remote switch or sensor

**XIM125 £138.86****Ref. 91255AW**

2 speed inline fan | Mixed flow impellor/guide vanes | Integral mounting cradle | Rated as IPX4

**XIM150 £168.20****Ref. 91256AW**

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

**XIM150T £195.72****Ref. 91257AW**

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

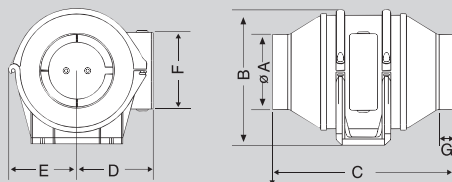
**XIM200 £238.84****Ref. 91258AW**

2 speed inline fan | Mixed flow impellor/guide vanes | Integral mounting cradle | Rated as IPX4

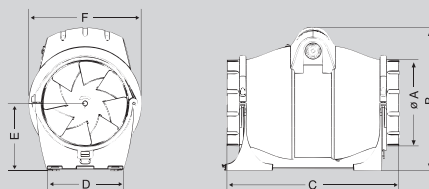
**Ancillaries**

See pages 79-94

XIM100/100+125 Range



XIM150/200 Range



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

# Xpelair GX6, GXC6 & GXC9

Kitchen (6") and (9") axial extract fans



## The Range

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. A trickle ventilation facility is available for background ventilation when not in use. For larger kitchens, the GXC9 may be more appropriate. Refer to the commercial ventilation section for more details on larger wall and window models.

## Key Features

- Single and two speed axial extract fans
- Seven model range (six 6" and one larger volume 9" model)
- Single speed extract fan performance 74 l/s (6") 153 l/s (9")
- Remotely switched, integral pullcord, timer, humidistat and humidistat with timer control options
- GX6HT2 two speed 62 l/s & 74 l/s
- Silent electro-thermal actuated shutter (except on GXC6 & GXC9 models)
- Lubricated for life motors with thermal cut-out protection
- Clip-off front cover ease of cleaning
- BEAB approved

Product Selector		GX6	GX6T	GX6HT	GX6HT2	GXC6T	GXC6	GXC9
Reference number		90800AW	90812AW	90814AW	90863AW	90850AW	90861AW	89995AW
Speeds		1	1	1	2	1	1	1
Electrical power rating (W)		30	30	30	30	30	30	32
Hole diameter (mm)		184	184	184	184	184	184	257
Hole diameter with wall liner (mm)		203	203	203	203	203	203	266*
Weight (kg)		1.9	1.9	1.9	1.9	1.9	1.9	3.9
Guarantee (years, UK)		3	3	3	3	3	3	3
Extract performance (FID, m³/h)	high	266	266	266	266	266	266	549
	low				222			
Extract performance (FID, l/s)	high	74	74	74	74	74	74	74
	low				62			
Sound pressure level (dB(A)@3m)	high	37	37	37	37	37	37	37
	low				34			

## Models

## Pricing Group 30

**GX6** £119.19**Ref. 90800AW**

Single speed extract fan | Operated by remote switch or sensor (not supplied)

**GX6T** £126.65**Ref. 90812AW**

Single speed extract fan | Integral run-on timer (adjustable from 2-20 mins) operated by lighting circuit

**GX6HT** £150.36**Ref. 90814AW**

Single speed extract fan | Integral automatic humidistat operation adjustable between 50-90% RH | Integral run-on timer operated by the lighting circuit | Timer adjustable from 2-20 mins

**GX6HT2** £164.47**Ref. 90863AW**

Two speeds and humidistat or manual control selectable using an Xpelair TBS control (not supplied) | Silent electrothermal shutter | Automatic humidistat operation adjustable between 50-90% RH | Integral run-on timer operated by room lighting circuit | Timer adjustable from 2-20 mins

**GXC6** £74.47**Ref. 90850AW**

Single speed extract fan | Integral pullcord switches fan on and opens shutter

**GXC6T** £81.92**Ref. 90861AW**

Single speed extract fan | Integral pullcord switches fan On and opens electrothermal shutter | Pullcord off action actuates timer overrun

## Models

## Pricing Group 31

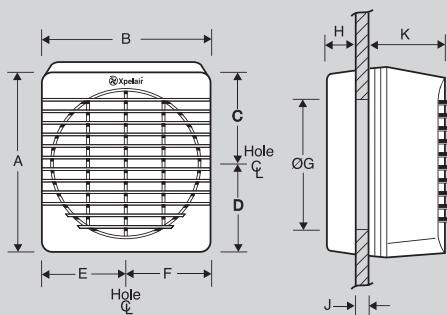
**GXC9** £178.82**Ref. 89995AW**

Single speed extract fan | Integral pullcord switches fan on and opens shutter

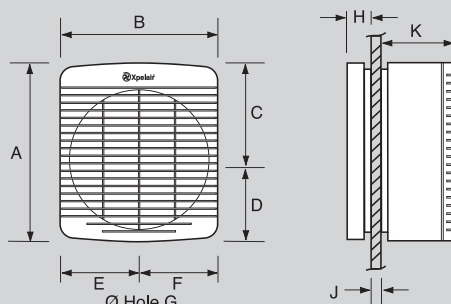
## Ancillaries

See pages 79-94

GX6/GXC6 Range



GXC9



## Dimensions (mm)

Model	A	B	C	D	E	F	ØG	H	J	K
<b>GX6, GXC6</b>	226	210	119	107	109	101	184/203	32	4-35	112
<b>GXC9</b>	312	294	165	147	147	147	257/266	32	4-35	117

# Xpelair GX6 EC2 & GXC6 EC2

Kitchen and utility room (6”) axial extract fans with Ultra EC technology



## The Range

Xpelair GX6 EC range with UltraEC technology - energy efficient and long lasting. GX6 EC2 and GXC6 EC2 are designed with installer selectable settings to satisfy Part F1 installed performances for intermittent ventilation in kitchens or utility rooms. GX6 has a silent backdraft shutter operation using an electrothermal actuator; GXC6 shutter is pullcord operated. GX6 EC2 and GXC6 EC2 models feature Ultra EC offering reduced energy use, a choice of installed performances and longer life than a conventional AC motor. For this reason Xpelair offers a 5 year UK guarantee.

## Key Features

- Two models remote switched or pull cord operated
- Installer select single speed 6” axial extract fans or two speed with COS change over switch accessory (not supplied)
- Extract performance 40 l/s or 79 l/s
- GX6 remotely switched with silent electro-thermal actuated shutter
- GXC6 pullcord operated with mechanical louvred backdraft shutter
- Energy saving long-life lubricated for life motors
- Thermal cut-out safety protection
- Clip-off front cover and shutter cassette for ease of cleaning
- BEAB approved

Dimensions (mm)										
A	B	C	D	E	F	ØG	H	J	K	
226	210	119	107	109	101	184/203	32	4-35	112	

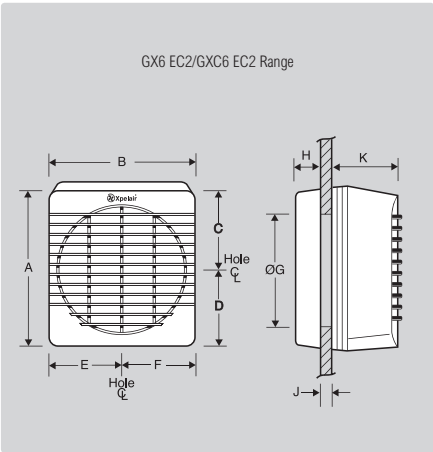
## Models Pricing Group 30

**GX6 EC2**      **Ref. 92294AW**      **£212.67**  
Extract fan with two installed performance options: installer selected for kitchens and utility rooms | Operated by remote switch (not supplied) | 2 speed with COS | Energy saving Long life UltraEC external rotor motor with maintenance free sealed for life bearings and thermal overload protection | Integral safety finger-guard | Integral mechanically operated louvred backdraft shutter with electro-thermal actuator | Inner grille and shutter cassette can be removed for easy cleaning | Double insulated

**GXC6 EC2**      **Ref. 92295AW**      **£190.35**  
Extract fan with two installed performance options: installer selected for kitchens and utility rooms | Built-in pullcord On-Off operation | 2 speed with COS | Energy saving Long life UltraEC external rotor motor with maintenance free sealed for life bearings and thermal overload protection | Integral safety finger-guard | Integral mechanically operated louvred backdraft shutter with pullcord On-Off actuator | Inner grille and shutter cassette can be removed for easy cleaning | Double insulated

## Ancillaries

See pages 79-94



Product Selector	GX6 EC2	GXC6 EC2
Reference number	92294AW	92295AW
Longlife UltraEC motor	■	■
Selectable Performance speeds at installation (m³/h)	284 , 144	284 , 144
Electric Power rating (W)	10.6	7.9
Weight (kg)	1.9	1.9
Guarantee (Years, UK)	5	5
Sound pressure level (dB(A) @3m)	30.3	30.3
Integral electro-thermal shutter	■	
Integral pullcord mechanical shutter		■
Hole diameter in window (mm)	184	184
Hole diameter using wall kit (mm)	203	203

# Xpelair Premier DX400 & CF40

## Centrifugal extract and condensation control fans



### The Range

The DX400 and CF40 larger Premier pressure developing centrifugal fans are ideally suited for use in kitchens, utility rooms, larger bathrooms and toilets and individual offices.

They can be surface or recessed in walls and ceilings using the universal mounting accessories provided, which includes a backdraught shutter and outlet grille. Models with an integral humidistat offer automatic control. CF40TD features a delay start 'Quick Visit' facility preventing the fan from coming on should the light be switched on and then off within 2 mins.

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

### Key Features

- DX400 extract and CF40 condensation control centrifugal fans
- Room size performance speed selector, with boost and trickle ventilation settings on selected models
- Adjustable humidistat on CF models (50% - 90%)
- Adjustable run-on timer (30 seconds - 20 mins)
- 'QuickVisit' delay feature on multi-speed timer models (2 mins)
- Automatic air operated backdraught shutter fitted
- Can be surface or recess mounted
- Totally enclosed maintenance free for life motors
- Clip-off front cover and fan blade for ease of cleaning and maintenance
- IPX5 rated
- BEAB approved

Product Selector	DX400	DX400T	DX400PC	DX400RS	CF40	CF40TD	CF40RSTD
Reference number	91083AW	91084AW	91100AW	91085AW	91086AW	91087AW	91088AW
Speeds	2	3	3	3	5	5	5
Trickle ventilation facility		■	■	■	■	■	■
Electrical power rating (W)	78	78	78	78	77	77	77
Hole Diameter	115	115	115	115	115	115	115
IP rating	IPX5	IPX5	IPX5	IPX5	IPX5	IPX5	IPX5
Weight (kg)	3	3	3	3	3	3	3
Guarantee (years, UK)	3	3	3	3	3	3	3
Extract performance (FID, m³/h)							
boost	-	-	-	-	250	250	250
speed 3	-	-	-	-	174	174	174
speed 2	245	245	245	245	143	143	143
speed 1	143	143	143	143	90	90	90
trickle	-	61	61	61	61	61	61
Extract performance (FID, l/s)							
boost	-	-	-	-	69	69	69
speed 3	-	-	-	-	48	48	48
speed 2	68	68	68	68	40	40	40
speed 1	40	40	40	40	25	25	25
trickle	-	17	17	17	17	17	17
Sound pressure (dB(A)@3m)							
boost	-	-	-	-	55	55	55
speed 3	-	-	-	-	46	46	46
speed 2	55	55	55	55	40	40	40
speed 1	42	42	42	42	33	33	33
trickle	-	27	27	27	27	27	27

**Premier DX400** **£100.91**

**Ref. 91083AW**  
Two speed centrifugal fan | Pre-select speed to suit application | Alternatively use optional COS switch to change between speeds and On/Off | Includes external wall grille

**Premier DX400T** **£115.53**

**Ref. 91084AW**  
Centrifugal fan with timer | Timer is typically connected to a lighting circuit | built-in run-on period after the light has been switched off, user adjustable from 30s-20 min | Fan operates at full speed when light is On, then operates at reduced speed during run-on and the switches to either Trickle or Off (installer selectable) | 'QuickVisit' delay feature prevents the fan from running should the light be switched On/Off again within 2 mins | Fan running status lights | Includes external wall grille

**Premier DX400PC** **£115.53**

**Ref. 91100AW**  
High, Low, On/Off with tricklevent operated by integral 3 position pullcord switch | Fan running status lights | Includes external wall grille

**Premier DX400RS** **£115.53**

**Ref. 91085AW**  
Two speed centrifugal fan | Pre-select speed to suit application | Alternatively use optional COS switch to change between speeds and On/Off | Tricklevent option is activated by a preset switch on the unit | Fan running status lights | Includes external wall grille

**Premier CF40** **£144.77**

**Ref. 91086AW**  
Condensation control range with humidistat | Automatic operation through integral humidity sensor | Pullcord selects high, low, Off or trickle

**Premier CF40TD** **£159.40**

**Ref. 91087AW**  
Automatic operation through integral humidistat | Pullcord selects high, low, Off or trickle | 'QuickVisit' delay feature prevents the fan from running should the light be switched On/Off again within 2 mins | Fan running status lights | Includes external wall grille

**Premier CF40RSTD** **£159.40**

**Ref. 91088AW**  
Automatic operation through integral humidistat | MOS remote switch (supplied) selects high or low speed and can switch the unit off (or to tricklevent) | built-in humidity control run-on period | User adjustable from 30s-20 min | Fan running status lights | Includes external wall grille

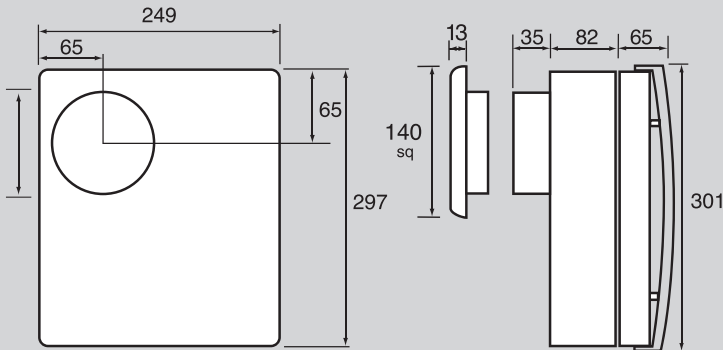
**Note: For kitchen applications a grease filter PDXGF is recommended Ref. 91145AA**

**Ancillaries**

See pages 79-94

**Dimensions (mm)**

DX400/CF40 Range





# Xpelair Premier CF20/40T CV

Decentralised constant volume extract fan system



### The Range

The Premier CF20/40T CV model features Ultra EC technology offering reduced energy use, a choice of installed performances and a longer life than a conventional AC motor. The fan is designed to comply with the requirements of Part F1 to provide Intermittent Ventilation in Kitchens, Utility rooms, Bathrooms and Sanitary Rooms, Humidity Controlled Intermittent Ventilation plus manual over-ride in Kitchens and Bathrooms, Intermittent Ventilation in Internal rooms and Decentralised Continuous Ventilation in Kitchens, Utility Rooms, Bathrooms and Sanitary Rooms.

Performance is set at installation via a series of internal dip switches. The Constant Volume nature of the fan means that performance remains constant irrespective of the installed condition up to a system pressure of 100Pa. The fan can be surface or flush mounted in walls and ceilings using the universal mounting accessories provided.

The fan is provided with a back draught shutter for intermittent applications. It is not to be fitted for the lower velocity continuous decentralised applications. Control options include integral humidistat, pullcord over-ride, run on timer and 'quick visit' delay start facility.

### Key Features

- Constant Volume UltraEC centrifugal extract fan
- One fan for all applications
- Constant volume irrespective of system resistance up to 100Pa
- Extra long life Ultra EC motors
- Filterless, easy maintenance
- Meets Building Regulations for continuous and intermittent use
- Suitable for wall or ceiling mounting
- Humidity control
- IPX5 suitable for wet zones 1 & 2

Product Selector	CF20/40T CV
Reference number	92293AW
Humidistat	■
Selectable installed performances (l/s) installed with WD100+CFWG100 kit	6, 8, 13, 15, 30, 60
Noise (dB(A)@3m)	20.8, 21.4, 22, 22.7, 39.9, 55.8
Electrical power rating (W)	4.2, 4.4, 4.6, 4.9, 8.4, 31
220-240V AC 50-60Hz	
Specific fan power (average appendix Q W/l/s)	0.45
IP rating	IPX5
Weight (Kg)	2.7
Guarantee (years, UK)	5

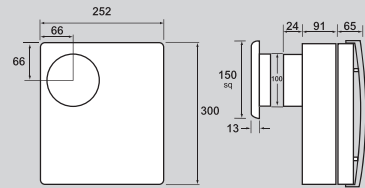
### Models Pricing Group 30

**Premier CF20/40T CV**    **Ref. 92293AW**    **£183.79**  
Constant Volume centrifugal fan with speed selectable at installation | Built in Humidistat | intermittent ventilation option | Timer controlled intermittent ventilation option | Run on period of 20 sec-20min. Factory set at 15 min in compliance with Part F1 | 'Quick visit' feature | Includes external wall grille and fan backdraft shutter

### Ancillaries See pages 79-94

### Dimensions (mm)

CF20/40T Range



**Xpelair Nouvelle Cuisine**  
Kitchen canopies



The Range

Key Features

The Nouvelle Cuisine kitchen canopy range offers an elegantly designed range of domestic kitchen canopies, using a powerful extraction fan together with grease filters. There are five styles in the range which suit most applications, these include island, standard, inset, chimney and integrated types of canopies which have either a white, brown or stainless steel finish. The canopy sizes vary depending on canopy selected.

- Ten model types are available in the range
- Includes 600mm, 700mm and 900mm width models
- Option of either a recirculation or extraction mode
- 125mmØ connection spigot
- Integral lighting included

Models

Pricing Group 30

**Standard**  
**Ref. 91189AW - White** £86.84  
**Ref. 91190AB - Brown** £86.84  
Description: 60cm Standard canopy | Colour: white or brown | Duct size: 125mm  
**Features / Specification**  
60cm Standard canopy | 3 speed levels | Available in white or brown finish | Recirculation or extraction | Maximum extraction rate 320m³/h | Sliding control panel | 125W motor | built-in twin lights | Additional carbon filter system | Acrylic grease filter in metal grid casing

**Standard Plus** £173.69  
**Ref. 91191AW**  
Description: 60cm Standard plus canopy | Finish: stainless steel | Duct size: 125mm  
**Features / Specification**  
60cm Standard Plus canopy | 3 speed levels | stainless steel finish | Recirculation or extraction | Maximum extraction rate 200m³/h | Sliding control panel | 125W motor | built-in twin lights | Twin aluminium grease filters | Additional carbon filter system for recirculation only

**Inset** £86.84  
**Ref. 91192AW**  
Description: 60cm Inset canopy | Colour: silver | Duct size: 125mm  
**Features / Specification**  
60cm Inset canopy | 3 speed levels | Available in silver finish | Recirculation or extraction | Maximum extraction rate 229m³/h | Sliding control panel | 140W motor | built-in twin lights | Carbon filter system | Acrylic grease filter in metal grid casing

**Integrated** £130.25  
**Ref. 91193AW**  
Description: 60cm Integrated canopy | Colour: silver | Duct size: 125mm  
**Features / Specification**  
60cm Integrated canopy | 3 speed levels | Available in silver finish | Recirculation or extraction | Maximum extraction rate 480m³/h | Sliding control panel | 125W motor | built-in twin lights | Metallic grease filter in aluminium grille | Optional carbon filter system

**60 Chimney** £267.75  
**Ref. 91194AW**  
Description: 60cm Chimney canopies | Finish: stainless steel | Duct size: 125mm  
**Features / Specification**  
60cm Chimney canopies | 3 speed levels | stainless steel finish | Recirculation or extraction | Maximum extraction rate 480m³/h | Push button control panel | 200W motor | built-in twin lights | Twin aluminium grease filters | Optional carbon filter system

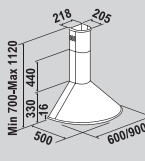
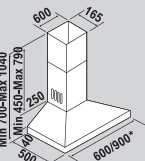
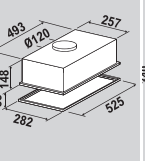
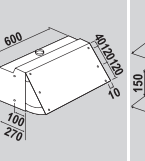
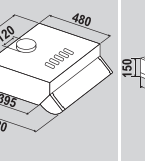
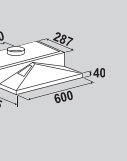
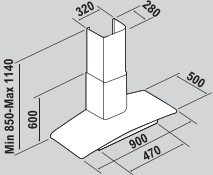
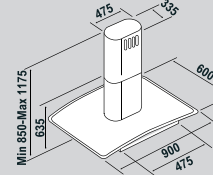
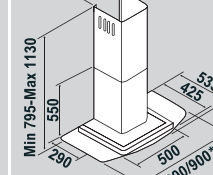
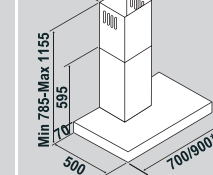
**90 Chimney** £311.17  
**Ref. 91195AW**  
Description: 90cm Chimney canopies | Finish: stainless steel | Duct size: 125mm  
**Features / Specification**  
90cm Chimney canopies | 3 speed levels | stainless steel finish | Recirculation or extraction | Maximum extraction rate 480m³/h | Push button control panel | 200W motor | built-in twin lights | Twin aluminium grease filters | Optional carbon filter system

# Xpelair Nouvelle Cuisine

## Kitchen canopies

### Models (continued) Pricing Group 30

<b>60 Tonda</b> <b>Ref. 91196AW</b> <b>90 Tonda</b> <b>Ref. 91197AW</b> Description: 60/90cm Tonda canopies   Finish: Stainless Steel   Duct size: 125mm <b>Features / Specification</b> 60/90cm Tonda canopies   3 speed levels   Stainless steel finish   Recirculation or extraction   Maximum extraction rate 480m³/h   Sliding control panel   200W motor   built-in twin lights   Twin aluminium grease filters   Optional carbon filter system	<b>£318.41</b>  <b>£361.83</b>	<b>60 Flat</b> <b>Ref. 91200AW</b> <b>90 Flat</b> <b>Ref. 91201AW</b> Description: 60/90cm Flat glass canopies   Finish: Stainless Steel and Glass   Duct size: 125mm <b>Features / Specification</b> 60/90cm Flat glass canopies   3 speed levels   Stainless steel finish   Recirculation or extraction   Maximum extraction rate 480m³/h   Electronic touch control   200W motor   Twin 50W halogen spotlights   Aluminium grease filter   Optional carbon filter system	<b>£426.96</b>  <b>£484.85</b>	<b>90 Island</b> <b>Ref. 91203AW</b> Description: 90cm Island glass canopy   Finish: Stainless Steel and Glass   Duct size: 125mm <b>Features / Specification</b> 90cm Curved glass canopy   3 speed levels   Stainless steel finish   Recirculation or extraction   Maximum extraction rate 480m³/h   Electronic touch control   200W motor   Four 50W halogen spotlights   Aluminium grease filter   Optional carbon filter system	<b>£1,085.48</b>
<b>70 Box</b> <b>Ref. 91198AW</b> <b>90 Box</b> <b>Ref. 91199AW</b> Description: 70/90cm Box canopies   Finish: Stainless Steel   Duct size: 125mm <b>Features / Specification</b> 70/90cm Box canopies   3 speed levels   Stainless steel finish   Recirculation or extraction   Maximum extraction rate 480m³/h   Push button control panel   200W motor   built-in twin lights   Twin aluminium grease filters   Optional carbon filter system	<b>£412.49</b>  <b>£470.38</b>	<b>90 Curved</b> <b>Ref. 91202AW</b> Description: 90cm Curved glass canopy   Finish: Stainless Steel and Glass   Duct size: 125mm <b>Features / Specification</b> 90cm Curved glass canopy   3 speed levels   Stainless steel finish   Recirculation or extraction   Maximum extraction rate 480m³/h   Electronic touch control   200W motor   Twin 50W halogen spotlights   Aluminium grease filter   Optional carbon filter system	<b>£600.64</b>	<b>Ancillaries</b>	See pages 79-94

Dimensions (mm)					
<b>60/90 Tonda</b> * 60 Flat = 600mm 90 Flat = 900mm 	<b>60/90 Chimney</b> * 70 Flat = 600mm 90 Flat = 900mm 	<b>Inset</b> 	<b>Integrated</b> 	<b>Standard</b> 	<b>Standard Plus</b> 
Dimensions (mm)					
<b>90 Curved</b> 	<b>90 Island</b> 	<b>60/90 Flat</b> 	<b>70/90 Box</b> 		

### Models Pricing Group 33

<b>Splashback 60</b> <b>Ref. 91204AW</b> Width: 600mm Height: 750mm	<b>£65.14</b>	<b>Splashback 90</b> <b>Ref. 91206AW</b> Width: 900mm Height: 750mm	<b>£79.61</b>	<b>Splashback 110</b> <b>Ref. 91208AW</b> Width: 1100mm Height: 750mm	<b>£94.08</b>
<b>Splashback 70</b> <b>Ref. 91205AW</b> Width: 700mm Height: 750mm	<b>£72.37</b>	<b>Splashback 100</b> <b>Ref. 91207AW</b> Width: 1000mm Height: 750mm	<b>£86.84</b>		

# Xpelair Nouvelle Cuisine

## Kitchen canopies

Product Selector	Integrated	Standard	Standard	Standard Plus
Reference number	91193AW	91189AW	91190AB	91191AW
Freestanding	■	■	■	■
Integrated	■			
Max. extract performance (l/s)	97	56	56	56
Sound pressure level* (dB(A))	39	40	40	52
Motor rating (W)	200	125	125	125
Speeds	3	3	3	3
Recirculation	■	■	■	■
Extraction	■	■	■	■
Duct size (mm)	125	125	125	125
Number of grease filters	1	1	1	2
Grease filter type	acrylic filter in metal casing	acrylic filter in metal casing	acrylic filter in metal casing	aluminium
Additional carbon filter system	optional	■	■	■
Built-in lighting	2 x 40W	2 x 40W	2 x 40W	2 x 40W
Maximum width (mm)	600	600	600	600
Finish	silver	white	brown	stainless steel
Replacement filters	41833SK	41834SK	41834SK	41832SK

\*at low speed

Product Selector	60 Tonda	90 Tonda	60 Chimney	90 Chimney	Inset
Reference number	91196AW	91197AW	91194AW	91195AW	91192AW
Freestanding	■	■	■	■	
Integrated					■
Max. extract performance (l/s)	133	133	133	133	64
Sound pressure level* (dB(A))	39	39	39	39	55
Motor rating (W)	200	200	200	200	140
Speeds	3	3	3	3	3
Recirculation	■	■	■	■	■
Extraction	■	■	■	■	■
Duct size (mm)	125	125	125	125	125
Number of grease filters	2	2	2	2	1
Grease filter type	aluminium	aluminium	aluminium	aluminium	acrylic filter in metal casing
Built-in lighting	2 x 40W	2 x 40W	2 x 40W	2 x 40W	2 x 40W
Maximum width (mm)	600	900	600	900	525
Finish	stainless steel	stainless steel	stainless steel	stainless steel	silver
Replacement filters	41834SK	41834SK	41834SK	41834SK	41832SK

\*at low speed

Product Selector	90 Curved	90 Island	60 Flat	90 Flat	70 Box	90 Box
Reference number	91202AW	91203AW	91200AB	91201AW	91198AW	91199AW
Freestanding	■	■	■	■	■	■
Max. extract performance (l/s)	133	236	133	133	133	133
Sound pressure level* (dB(A))	39	44	39	39	39	39
Motor rating (W)	200	240	200	200	200	200
Speeds	3	3	3	3	3	3
Recirculation	■	■	■	■	■	■
Extraction	■	■	■	■	■	■
Duct size (mm)	125	125	125	125	125	125
Number of grease filters	1	1	1	1	2	3
Grease filter type	aluminium	aluminium	aluminium	aluminium	aluminium	aluminium
Built-in lighting	2 x 50W	4 x 50W	2 x 50W	2 x 50W	2 x 40W	2 x 40W
Maximum width (mm)	900	900	600	900	700	900
Finish	stainless steel/glass	stainless steel/glass	stainless steel/glass	stainless steel/glass	stainless steel/glass	stainless steel/glass
Replacement filters	41834SK	41834SK	41834SK	41834SK	41834SK	41834SK

\*at low speed

Splashbacks	60	70	90	100	110
Reference number	91204AW	91205AW	91206AW	91207AW	91208AW
Finish	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel
Size	w600 × h750	w700 × h750	w900 × h750	w1000 × h750	w1100 × h750

# Xpelair CX10 & CMF

## Ceiling mounted fans

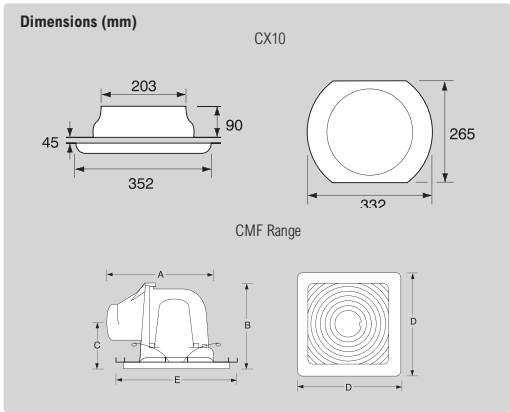


### The Range

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), whilst the CMF units have side entry spigots (CMF171/241 - 102mmØ & CMF271 - 150mmØ) plenum box. Applications include domestic kitchens, larger utility rooms, pub bars, schools and shops.

### Key Features

- Four models available - CX10, CMF171, CMF241 & CMF271
- Operated by remote sensor switches
- Conforms to Building Regulations Part F1
- Complete with integral fly guard



Product Selector	CX10	CMF171	CMF241	CMF271
Reference number	90209AB	89955AW	89956AW	89957AW
Electrical power rating (W)	34	30	33	48
Hole diameter (mm)	300	185 x 185	248 x 248	273 x 273
Ducting size (mm)	200	102	102	150
Weight (kg)	1.8	2.7	3.8	6.9
Guarantee (years, UK)	3	3	3	3
Extract performance (FID, m³/h)	329	63	146	286
Extract performance (FID, l/s)	91	18	41	79
Sound pressure level (dB(A)@3m)	44	38	41	41

\*At low speed

### Models Pricing Group 31

**CX10** Ref. 90209AB **£98.78**  
Single speed axial flush mounted extract ceiling fan with stylish circular flush design | Unit comes complete with integral fingerguard and fly screen | Lightweight two piece construction | Moulded pre-balanced axial bladed impellor | Suitable for steam and condensation applications | Vertical spigot with 200mm diameter connection | Operated by remote switch or sensor (not supplied)

**CMF 171** Ref. 89955AW **£98.14**

**CMF 241** Ref. 89956AW **£151.67**

**CMF 271** Ref. 89957AW **£160.58**  
Flush mounted extract ceiling fans | High performance single speed centrifugal pressure developing motor/fan/scroll assemblies | Stylish square grille design with integral finger-guard | Lightweight two piece construction with horizontal spigot outlet | Cassette design allows ducting to be installed prior to the fan itself

### Models Pricing Group 33

**Back draught shutter** Ref. 00150AB **£12.62**  
**CXS (for CX10)**  
200mm

**Termination duct kit** Ref. 89384AA **£50.52**  
**TDK8 (for CX10)**  
200mm

**Ancillaries** See pages 79-94

Model	Dimensions (mm)				
	A	B	C	D	E
CMF171	277	226	123	230	240
CMF241	343	260	133	290	319
CMF271	420	318	133	320	350

# Xpelair GX6, GX9 & GX12

## Commercial window fans



### The Range

GX6, GX9 and GX12 window fans have remained a byword for commercial window fans for over forty years. Supplied with longer ladder strips for ease of installation and with safety finger-guard integrated into the housing and the window grille. A tamper-proof positive plug and socket assembly provides a means of isolation for service access. Installation in single and sealed double glazed windows (up to 25mm) is rapid using Xpelair's unique metal ladder strip / screw system, ensuring a secure and watertight seal against the glass.

Both the GX9 and GX12 ranges are reversible and now feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions. Pre-balanced sickle bladed impellers eliminate 'fan judder' and ensure quiet trouble free operation. Sealed for life maintenance free bearings ensure suitability for running at any angle. Running costs are impressively low, and when not in use the silent electro-thermal shutter cassette closes silently against backdraughts.

### Key Features

- Three sizes are available (6" , 9" & 12"Ø)
- The GX range has an electrothermal shutter cassette
- GX6 high performance extract only ventilation unit
- GX9 & GX12 are reversible and speed controllable
- GX9 & GX12 sickle bladed impellers provide a constant volume output

### Models Pricing Group 30

<b>GX6</b>	<b>Ref. 90800AW</b>	<b>£119.19</b>
High performance extract axial ventilation unit   Operated by remote On/Off switch (not supplied)   Suitable for single and sealed double glazing windows and panels up to 25mm		

### Models Pricing Group 31

<b>GX9</b>	<b>Ref. 89994AW</b>	<b>£238.45</b>
High performance extract axial ventilation unit   Operated by remote On/Off switch (not supplied)   Suitable for single and sealed double glazing windows and panels up to 25mm		

<b>GXC9</b>	<b>Ref. 89995AW</b>	<b>£178.82</b>
High performance extract axial ventilation unit   Operated by remote On/Off switch (not supplied)   Suitable for single and sealed double glazing windows and panels up to 25mm		

<b>GX12</b>	<b>Ref. 90012AW</b>	<b>£372.61</b>
High performance extract axial ventilation unit   Operated by remote On/Off switch (not supplied)   Suitable for single and sealed double glazing windows and panels up to 25mm		

### Ancillaries See pages 79-94

**GX6 Range**

**GX9, GX12 Range**

**Dimensions (mm)**

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

Product Selector	GX6	GX9	GXC9	GX12
Reference number	90800AW	89994AW	89995AW	90012AW
Remote switch (supplied separately)	■	■		■
Select, intake, extract or controller operation		■		■
Speeds	1	2*	1	2*
Extract performance (FID, m³/h) high/low	266	728 / 618	549	1614 / 1214
Extract performance (FID, l/s) high/low	74	202 / 172	153	448 / 337
Intake performance (FID, m³/h) high/low		456 / 412		1002 / 819
Intake performance (FID, l/s) high/low		127 / 114		278 / 228
Sound pressure level (dB(A)@3m) high/low	37	50 / 48	44	55 / 50
Max. electrical power rating (W)	30	41	32	85
Hole diameter (mm)	184	257	257	324
Hole diameter with wall liner (mm)	203	266	266	330
Weight (kg)	1.9	4	3.9	7.9
Guarantee (years, UK)	3	3	3	3

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

# Xpelair PX6, PX9 & PX12

## Commercial ceiling fans



### The Range

The PX range introduces even greater flexibility into the design of commercial and larger domestic ventilation systems. Based on the proven WX range, PX fans are perfect for ceiling and panel applications in kitchens, restaurants, pubs, offices, schools, shops and kiosks. They can be installed at any angle in ceilings, voids and wall panels of any thickness. An integral spigot allows the attachment of flexible ducting, such as XFlex. Installation in ceilings and wall panels is rapid thanks to the concealed fixing points provided.

Both the PX9 and PX12 fans are reversible making them ideal for ducted input systems in the hospitality industry. They also feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions. Pre-balanced sickle bladed impellers eliminate 'fan judder' and ensure quiet trouble free operation. Sealed for life maintenance free bearings ensure suitability for running at any angle. Running costs are impressively low, and when not in use the silent electro-thermal shutter cassette closes silently against backdraughts.

### Key Features

- Three sizes are available (6", 9" & 12"Ø)
- PX range has an electrothermal shutter cassette
- PX6 High performance extract only ventilation unit
- PX9 & PX12 are reversible and speed controllable
- PX9 & PX12 sickle bladed impellers provide a constant volume output
- Controller and external grilles are not included

### Models

### Pricing Group 31

**PX6** Ref. 91300AW **£147.53**

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

**PX9** Ref. 91299AW **£321.95**

High performance intake / extract axial flow ventilation unit | Choice of optional controllers

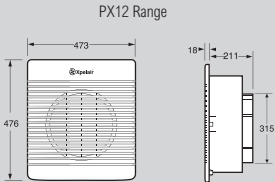
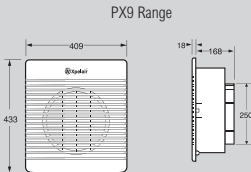
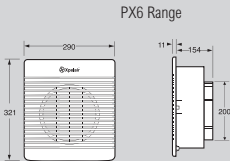
**PX12** Ref. 91298AW **£402.44**

High performance intake / extract axial flow ventilation unit | Choice of optional controllers

### Ancillaries

See pages 79-94

### Dimensions (mm)



Product Selector	PX6	PX9	PX12
Reference number	91300AW	91299AW	91298AW
Remote switch (supplied separately)	■	■	■
Extract only	■		
Select. intake, extract or controller operation		■	■
Speeds	1	2*	2*
Extract performance (FID, m³/h) high/low	246	790 / 685	1712 / 1290
Extract performance (FID, l/s) high/low	68	219 / 190	476 / 358
Intake performance (FID, m³/h) high/low		458 / 433	1037 / 845
Intake performance (FID, l/s) high/low		127 / 120	288 / 235
Sound pressure level (dB(A)@3m) high/low	39	50 / 47	54 / 48
Ducting size (mm)	200	250	315
Electrical power rating (W)	34	41	85
Hole diameter (w x h mm)	245 x 268	345 x 375	434 x 434
Spigot size (mm)	200	250	315
Weight (kg)	2.8	4.7	7.9
Guarantee (years, UK)	2	2	2

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

# Xpelair RX6, RX9 & RX12

## Commercial roof fans



### The Range

RX models are a neat way of ventilating through glazed and solid roofs and can be used vertically in windows on exposed sites such as coastal areas and high rise buildings. The UV stabilised roof cowl assembly is a generous size to provide weather protection at all angles. They are suitable for single and sealed double glazed windows and panels up to 25mm. For flat roofs an optional roof mounting plate allows RX models to be fitted to dressed curbs.

All models offer a passive trickle vent option for background ventilation when the fan is off. Both the 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. RX9 and RX12 models feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions. Pre-balanced sickle bladed impellers eliminate 'fan judder' and ensure quiet trouble free operation. Running costs are impressively low, and when not in use the silent electro-thermal shutter cassette closes silently against backdraughts.

### Key Features

- Three sizes are available (6", 9" & 12"Ø)
- RX range has an electrothermal shutter cassette
- RX6 high performance extract only ventilation unit
- RX9 & RX12 are reversible and speed controllable
- RX9 & RX12 sickle bladed impellers provide a constant volume output

### Models

### Pricing Group 30

RX6	Ref. 90818AW	£193.73
High performance extract only axial flow ventilation unit   Operated by remote On/Off switch (not supplied)   Suitable for single and sealed double glazed windows and panels up to 25mm   built-in electrothermal shutter cassette Passive trickle vent option for background ventilation with fan off   Easy clean high gloss ABS housing   Roof cowl assembly in UV stabilised material provides weather protection at all roof angles   Unique metal ladderstrip/screw connection to external grille for security and weathertight seal   Supply voltage 220-240V 50Hz		

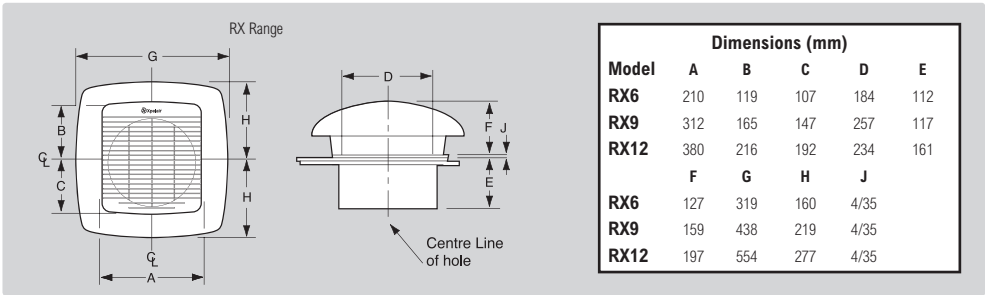
### Models

### Pricing Group 31

RX9	Ref. 90424AW	£372.61
RX12	Ref. 90425AW	£491.87
High performance intake/extract axial flow ventilation unit   Balanced external rotor motor and sickle bladed impeller for quiet efficiency   Tamper-proof internal connection safety plug and socket   Choice of optional controllers		

### Accessories

See pages 79-94



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 (FID, m³/h) high/low	206	511 / 430	1100 / 807
Extract performance (FID, l/s) high/low	57	142 / 119	306 / 224
Intake performance (FID, m³/h) high/low		438 / 384	915 / 709
Intake performance (FID, l/s) high/low		122 / 107	254 / 197
Sound pressure level (dB(A)@3m) high/low	39	52 / 49	56 / 48
Electrical power rating (W)	35	41	87
Hole diameter (Ømm)	184	257	324
Max. wall thickness (mm)	25	25	25
Weight (kg)	3.8	4.5	7.9
Guarantee (years, UK)	3	3	3

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



## Xpelair WX6, WX9 & WX12

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



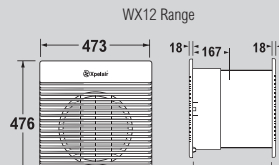
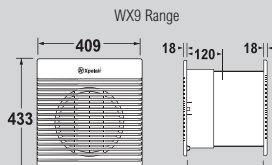
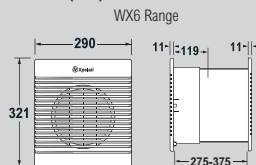
### The Range

WX commercial duty wall fans are designed for pubs, restaurants, offices, kitchens, factories, schools and shops. Suitable for single, cavity brick and current timber frame walls. 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 now feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions. Running costs are impressively low, and when not in use the silent electro-thermal shutter cassette closes silently against backdraughts.

### Key Features

- 6", 9" & 12" sizes available
- Now with 'safe lock' metal telescopic wall liner
- Electrothermal Shutter Cassette
- WX6 high performance extract only ventilation unit
- WX9 & WX12 are reversible (with optional speed controller)

### Dimensions (mm)



### Product Selector

	WX6	WX6T	WX9	WX12
Reference number W	92502AW	92523AW	92503A	92504AW
Remote switch (not supplied)	■	■	■	■
Integral adjustable run-on timer (2 to 20 mins)		■		
Extract only	■	■		
Selectable intake, extract or controller operation			■	■
Speeds	1	1	2*	2*
Extract performance (FID, m³/h) high/low	246	246	783 / 663	1715 / 1162
Extract performance (FID, l/s) high/low	68	68	248 / 184	476 / 179
Intake performance (FID, m³/h) high/low			477 / 437	969 / 815
Intake performance (FID, l/s) high/low			133 / 121	269 / 226
Sound pressure level (dB(A)@3m) high/low	39	39	50 / 47	54 / 48
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
Guarantee (years, UK)	3	3	3	3

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

### Models

### Pricing Group 30

- WX6** Ref. 92502AW **£180.78**  
 High performance extract axial fans | Metal telescopic wall liner | Sealed for life maintenance free bearings, suitable for running at any angle | Integrated safety thermal overload protection | Built in silent action electrothermal shutter cassette | Passive tricklevent facility for background ventilation with fan off | Ultra slim high gloss ABS fascia with integral finger safety guard | Grey external grille with built in weather protection | IPX4 rated motor
- WX6T** Ref. 92523AW **£195.59**  
 As WX6 with overrun timer which typically connects to a lighting circuit | Timer adjustable from 2-20 mins run-on period after light has been switched off | IPX4 rated motor

### Models

### Pricing Group 31

- WX9** Ref. 92503AW **£379.53**  
**WX12** Ref. 92504AW **£471.23**  
 High performance intake/extract axial flow ventilation unit | Balanced external rotor motor and sickle bladed impeller for quiet efficiency | Choice of optional controllers | Tamper-proof internal connection safety plug and socket | IPX4 rated motor

### Ancillaries

See pages 79-94

## Xpelair WXXL350, WXXL400 & WXXL450

High performance extract and intake wall fans



### The Range

WXXL range is designed for use in larger applications where extra extract or input performance is required. Suitable for public areas in pubs, schools, municipal facilities and industry. WXXL fans differ from comparable products in that, although the fan diameters are the same, WXXL fans require a substantially smaller hole through the wall. For security they are fitted with an electric shutter system and a tough flush fitting aluminium grille complete with bird-guard on the external wall face. Every fan comes complete with a built-in control system which requires connection to a simple switch (also included). The core of the grille can be removed for cleaning without the need to remove the frame.

### Key Features

- Three sizes are available (350 to 450mm Ø)
- Internal electrically actuated heavy duty aluminium shutter system
- Anodised aluminium external weather louvre
- WXXLS incorporates washable intake filters
- Epoxy coated aluminium internal wall grille

### Models

### Pricing Group 31

**WXXL350**      **Ref. 91301AA**      **£560.25**

**WXXL400**      **Ref. 91302AA**      **£643.53**

**WXXL450**      **Ref. 91303AA**      **£744.08**

Extract wall fan | G.S.M. telescopic wall liner is suitable for solid and cavity walls from 275mm to 375mm | External rotor motor rated at IP44 with sealed for life maintenance free bearings | Balanced motor and impellor for quiet efficiency | Epoxy coated aluminium internal wall grille with removable core for easy cleaning | Fan assembly is separately guarded for additional safety | Electrically actuated heavy duty aluminium section gravity shutter system is housed behind an anodised aluminium external weather louvre and bird-guard | built-in three speed control. Separate slimline three position and Off selection switch provided for remote-wall mounting | Easy access terminal box

**WXXLS350**      **Ref. 91983AA**      **£700.61**

**WXXLS400**      **Ref. 91984AA**      **£783.89**

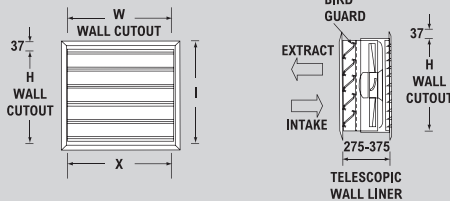
**WXXLS450**      **Ref. 91985AA**      **£884.43**

Intake wall fan | built-in washable filter accessible from within the building | G.S.M. telescopic wall liner is suitable for solid and cavity walls from 275mm to 375mm | External rotor motor rated at IP44 with sealed for life maintenance free bearings | Balanced motor and impellor for quiet efficiency | Epoxy coated aluminium internal wall grille with removable core for easy cleaning | Fan assembly is separately guarded for additional safety | Electrically actuated heavy duty aluminium section gravity shutter system is housed behind an anodised aluminium external weather louvre and bird-guard | built-in three speed control. Separate slimline three position and Off selection switch provided for remote wall mounting | Easy access terminal box

### Ancillaries

See pages 79-94

WXXL Range



Dimensions (mm)

Model	W	H	X	I
350	400	400	474	474
400	450	450	524	524
450	500	500	574	574

Product Selector	Extract wall fans			Intake wall fans		
	WXXL350	WXXL400	WXXL450	WXXLS350	WXXLS400	WXXLS450
Reference number	91301AA	91302AA	91303AA	91983AA	91984AA	91985AA
Extract wall fan	■	■	■			
Intake wall fan				■	■	■
Electric shutter				■	■	■
Speeds	3	3	3	3	3	3
Supplied with 3 speed control	■	■	■	■	■	■
Max. extract performance (FID, m³/h)	2700	3600	5000			
Max. extract performance (FID, l/s)	750	1000	1389			
Max. intake performance (FID, m³/h)				2700	3600	5000
Max. intake performance (FID, l/s)				750	1000	1389
Sound pressure level (dB(A)@3m)	54	59	63	54	59	63
Electrical power rating (W)	130	160	245	130	160	245
Weight (kg)	12	15	17	12	15	17
Hole size (w x h mm)	400 x 400	450 x 450	500 x 500	400 x 400	450 x 450	500 x 500
Max wall thickness (mm)	375	375	375	375	375	375
Guarantee (years, UK)	2	2	2	2	2	2

# Xpelair ChefX

Professional kitchen canopies



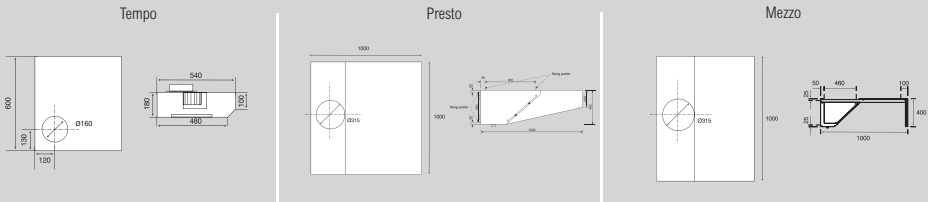
## The Range

A range of kitchen canopies designed for small professional catering and institutional applications. Suitable for pub food preparation and wash up areas, club kitchens, cafeterias, commercial kitchens, staff kitchenettes, student block kitchens, and a range of commercial applications. ChefX canopies are built to a professional specification and are designed for continuous heavy use and a more demanding environment. ChefX Presto and Mezzo canopies are fabricated in brush finish stainless steel complete with condense safe channel and drain. The three models in the range are manufactured complete with commercial duty filters and built-in high pressure centrifugal fans allowing direct discharge to atmosphere or connection to ductwork. When specifying, as a general guide, the hood should protrude outwards approximately 200mm beyond the working surface with the bottom of the hood 1900mm - 2000mm from the floor.

## Key Features

- Three models are available, Tempo, Presto and Mezzo
- Complete with commercial duty grease filters
- Fitted with a condense safe channel
- Speed controllable fans

## Dimensions (mm)



Product Selector	Tempo	Presto	Mezzo
Reference number	91309AA	91310AA	91311AA
Air delivery (m³/h@100Pa)	400	2200	2800
Electrical power rating (W)	100	830	940
Electrical current rating (A)	0.45	3.8	4.4
Washable mesh filters	■	■	■
Width (mm)	600	1000	1000
Weight (kg)	6.5	44	43
Guarantee (years, UK)	2	2	2

## Models Pricing Group 31

**ChefX Tempo** Ref. 91309AA **£1,093.23**  
Robust design for institutional applications such as student block kitchens and staff rest room food preparation areas | Brushed stainless steel housing | 400m³/h extraction capacity @100Pa | Washable G.S.M mesh filters | built-in lighting - 1 x 11W CFL | Top LH outlet | built-in isolator and speed control with 'on' light | Centrifugal fan / scroll assembly

**ChefX Presto** Ref. 91310AA **£1,384.52**  
For cafeterias, fast food outlets, food preparation and wash up areas | Stainless steel housing with G.S.M support components | 2200m³/h extraction capacity @100Pa | Washable 25mm G.S.M mesh filters | Top centre outlet to accept rectangular or circular ductwork | Centrifugal double inlet fan and scroll assembly | Speed controllable motor | IPX4 rated motor | Max ambient temp 65°C

**ChefX Mezzo** Ref. 91311AA **£1,816.32**  
Higher duty model for cafeterias, fast food outlets, food preparation and wash up areas | Stainless steel housing with G.S.M support components | 2800m³/h extraction capacity @100Pa | Washable 25mm baffle filters | Top centre outlet to accept rectangular or circular ductwork | Centrifugal double inlet fan and scroll assembly | Speed controllable motor | IPX4 rated motor | Max ambient temp 65°C

## Ancillaries See pages 79-94

# Xpelair Xplus 2

Multi-point domestic and commercial ventilation unit



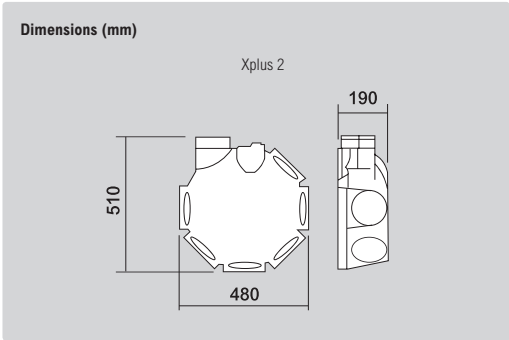
## The Range

The Xplus 2 is a high performing central extract system designed to continuously extract stale, moist air from domestic kitchen, 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 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.

Xplus 2 has 1-125mm Ø discharge spigot to atmosphere and up to 6-125mm Ø spigots from the dwelling, depending on the total volume required. 4 blanking plates are also supplied. Xpelair accessories such as Profile 60 rectangular flat duct together with 125mm Ø rigid and flexible insulated/uninsulated ducting can be used in conjunction with the Xplus 2 unit to provide a complete ventilation system.



## Key Features

- 190mm low profile design
- Six 125mm Ø extract spigot connections
- External rotor motor
- Moulded high performance scroll
- Integral fixing points
- Suitable for temperatures up to 50°C
- 100% recyclable
- Controller required

## Models Pricing Group 30

**Xplus 2 (AC)**      **Ref. 92430AW**      **£132.49**  
4 speed selection (controller required) | Trickle and boost options | Multi spigoted | Can be surface mounted horizontally, vertically or nverted

**Ancillaries**      See pages 79-94

Product Selector	Xplus 2 (AC)
Reference number	92430AW
AC motor	■
Speeds	4
Extract Performance (FID, m³/h) Speeds 1/2/3/4	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)	4.95kg
Guarantee (years, UK)	2

# Xpelair Xplus 2 EC

Low energy multi-point domestic and commercial ventilation unit



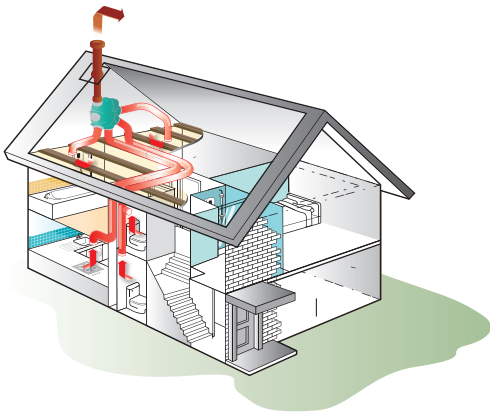
### The Range

The Xpelair Xplus 2 EC is a low energy centralised extraction system for dwellings. It removes the need for small individual ventilation products in the bathrooms, toilets and kitchens.

The Product can be installed on a wall (typically in an airing cupboard), in the attic (typically on the gable end or floor), in an apartment ceiling or floor voids depending on the product having a low height profile. Xplus 2 EC has a highly energy efficient backwardcurved impeller and control functionality designed to reduce energy consumption. The extract speeds can be set by the installer to match the required Part F extract rates for the size and layout of the dwelling.

### Key Features

- Part L Compliant
- Extra long life Ultra EC motor
- 3 installer adjustable speed settings
- Up to six 125mm Ø extract spigot connections
- Long life motor external rotor motor for lower whole life cost
- 5 year Ultra EC motor guarantee (UK)
- To suit apartments and average family homes
- Controller required



### Models

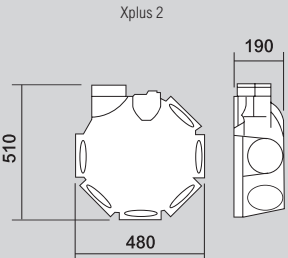
### Pricing Group 30

**Xplus 2 EC**      **Ref. 92498AG**      **£280.88**  
3 installer adjustable speed settings | Three speed selection controller required | Trickle and boost options | Multi spigoted | Can be surface mounted horizontally, vertically or inverted

### Ancillaries

See pages 79-94

### Dimensions (mm)



Product Selector	Xplus 2 EC
Reference number	92498AG
EC motor	■
Speeds	3
Extract Performance (FID m³/h)	Trickle speed 260 Max speed 550 (fully adjustable)
Max. power (W)	79
No. of intake spigots	6
Spigot diameter (mm)	125
Colour	Green
Weight (kg)	3.4kg
Guarantee (years, UK)	5

# Xpelair Xplus 250 & 400 DC 8CV

Continuous extract MEV unit with UltraDC technology



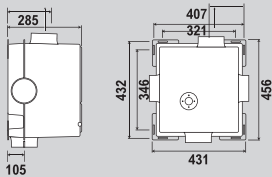
## The Range

Xpelair Xplus Multi-speed 8CV models features self-commissioning Ultra DC technology and are energy efficient and long lasting. They have been designed with installer selectable settings to satisfy Part F1 installed performances for continuous ventilation in domestic dwellings and trickle speed is selectable at installation, based on the sum of the continuous extract rate requirements from table 1.1a of Part F1.

The installer selects the performance required - Xplus selects the speed necessary to meet the performance based on the system resistance. This ensures a constant extract performance and lower energy use than AC equivalents. The built-in boost option allows the installer to select advanced sensors: active response humidity control, adjustable overrun timer, passive infrared sensor or Air Quality Sensor to provide boost override. Xpelair UltraDC motors reduce energy consumption and last longer than conventional AC motors.

## Dimensions (mm)

Xplus 250 / 400 DC 8CV



Product Selector	Xplus 250 DC 8CV	Xplus 400 DC 8CV
Reference number	92290AW	92100AW
UltraDC long life motor	■	■
Constant volume	■	■
Maximum extract performance (FID, m³/h)	230	388
Maximum extract performance (m³/h @100Pa)	176	356
Maximum system pressure (Pa)	300	300
Power usage (W) 220-240V AC 50-60Hz	3.5 / 4.2 / 5 / 5.5 / 9.5 / 11.3 / 12.2 / 24.2	19.1 / 26.3 / 28 / 30.8 / 49.1 / 60.3 / 65.6 / 96.5
Speed 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8		
Specific fan power (average W/l/s)	0.4	N/A
Noise (dB(A)@3m)	26 / 31.2 / 32.7 / 36 / 40.2 / 43.1 / 45.2 / 49.6	47.8 / 50.5 / 50.7 / 50.6 / 50.7 / 50.8 / 50.9 / 50.9
Speed 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8		
Boost override speed	Increases performance by one speed	Increases performance by one speed
Outlet spigot Ø (mm)	125	125
Number of inlet spigots 125mm	3	3
Guarantee (years, UK)	5	5

## Key Features

- Part L and Best Practice Compliant (250 model only)
- Two models are available
- Eight speed options with boost operation
- Three 125mm Ø extract spigot connections
- External rotor motor
- Suitable for temperatures up to 40°C
- Integral controls

## Models

## Pricing Group 30

**Xplus 250 DC 8CV Ref. 92290AW £230.57**  
Multipoint extract unit designed for 8 continuous trickle speeds up to 64 l/s or boost operation - one speed higher | Three 125mm diameter inlet spigots and one 125mm diameter outlet spigot | Casing in high impact black ABS | Integral fixing points | Energy saving long-life UltraDC motor | Selectable installed continuous extract speeds to satisfy Part F1 requirements (table 1.1a) | Selfcommissioning motor sets fan speed to meet performance requirement | Maintenance free external rotor motor with greased for life ball bearings and thermal overload protection. Suitable for duct air temperatures up to 40°C | Centrifugal backward curved impeller dynamically balanced to G6.3 ISO 1940 | Surface wall ceiling or loft mounting | As a Constant volume product maximum motor input power is rated at 97W

**Xplus 400 DC 8CV Ref. 92100AW £252.65**  
Multipoint extract unit designed for 8 continuous trickle speeds up to 108 l/s or boost operation - one speed higher | Three 125mm diameter inlet spigots and one 125mm diameter outlet spigot | Casing in high impact black ABS | Integral fixing points | Energy saving long-life UltraDC motor | Selectable installed continuous extract speeds to satisfy Part F1 requirements (table 1.1a) | Selfcommissioning motor sets fan speed to meet performance requirement | Maintenance free external rotor motor with greased for life ball bearings and thermal overload protection. Suitable for duct air temperatures up to 40°C | Centrifugal backward curved impeller dynamically balanced to G6.3 ISO 1940 | Surface wall ceiling or loft mounting | As a constant volume product maximum motor input power is rated at 140W

## Ancillaries

See pages 79-94

# Xpelair Xcell 150QV / QVW

Mechanical ventilation with heat recovery



## The Range

The Xpelair Xcell 150QV is one of a range of a new generation of CarbonLite energy efficient Mechanical Ventilation units with Heat Recovery (MVHR) designed for modern tight buildings. It is ideal for apartments and houses, is suitable for handed installations and has a standard 600mm width. The Xcell 150QV has a lightweight EPP construction and can be wall or loft mounted. The design combines a highly insulated EPP structural foam body with four 125mm Ø extract spigot connections with barbed connections and has a 90% energy efficient heat exchanger, EC ultra low energy multi-speed external rotor motors and long life G4 filters. Inspection of the filters is easily achieved by removal of the easy fit access panel without switching the unit off.

## Models

## Pricing Group 32B



**QV MS2**  
**Ref. 23513AW** £25.73  
2 speed selector (normal or boost) | Controller for Xcell QV models | Surface or Recess mounting | 100mm (w) x 86mm (h) x 45 (d)



**QV Q3SP**  
**Ref. 96005AA** £29.40  
3 speed selector (trickle, normal or boost) | Controller for Xcell QVW model | Surface mounting | Filter inspection indicator | Motor failure indicator | 74mm (w) x 74mm (h)



**QV QC02 indoor air quality**  
**Ref. 96003AA** £99.75  
Monitors indoor air quality | Sensor for the Xcell QVW & QVI models | Surface mounting | 80mm (w) x 120mm (h) x 31 (d)

Product Selector	Xcell 150QV	Xcell 150QVW	Xcell 150QVL	Xcell 150QVWL
Reference number	92420AW	92460AW	96735AW	96736AW
Motor type	EC	EC	EC	EC
Maximum supply / extract performance (FID, m³/h)	240	240	240	240
Maximum supply / extract performance (m³/h @100Pa)	182	182	182	182
Maximum system pressure (Pa)	250	250	250	250
Power usage maximum (W) 220-240V AC 50-60Hz	80	80	80	80
Specific fan power (average W/l/s)	0.74*	0.74*	0.74*	0.74*
Efficiency (%) 90 90 90 90	90	90	90	90
Speeds	2	2	3	3
Speed control type	Remote variable DC	Remote variable DC	Remote variable DC	Remote variable DC
Noise (dB(A)@3m) Low / Medium / Max	26.1 / 40.9 / 49.1	26.1 / 40.9 / 49.1	26.1 / 40.9 / 49.1	26.1 / 40.9 / 49.1
Spigot diameter (mm)	125	125	125	125
Installation orientation	Vertical	Vertical	Vertical	Vertical
Weight (kg)	17.5kg	17.5kg	17.5kg	17.5kg
Guarantee (years, UK)	5	5	5	5

\*Specific fan power is subject to system design resistance

## Key Features

- Part L and EST Best Practice Compliant
- Four models available in the 150QV range
- Four 125mm top entry connection spigots
- Constructed from a highly insulated EPP lightweight material
- High efficiency counterflow cell, up to 90% efficient
- G4 filters fitted
- Controller required

## Models

## Pricing Group 35I

**Xcell 150QV** Ref. 92420AW £807.89  
Xcell two speed heat right hand recovery unit - circular spigots

**Xcell 150QVW** Ref. 92460AW £919.28  
Xcell three speed heat right hand recovery unit - circular spigots and winter de frost facility

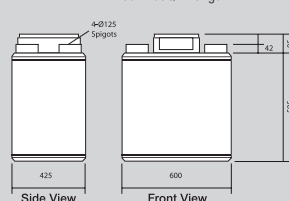
**Xcell 150QVL** Ref. 96735AW £807.89  
Xcell two speed heat recovery unit - circular spigots

**Xcell 150QVWL** Ref. 96736AW £919.28  
Xcell three speed heat recovery unit - circular spigots and winter de frost facility

**Xcell Ducting / Grilles** See pages 49-51

**Ancillaries** See pages 79-94

## Dimensions (mm) Xcell 150QV Range



# Xpelair Xcell 150U EC BP

Wholehouse heat recovery unit for smaller dwellings



## Key Features

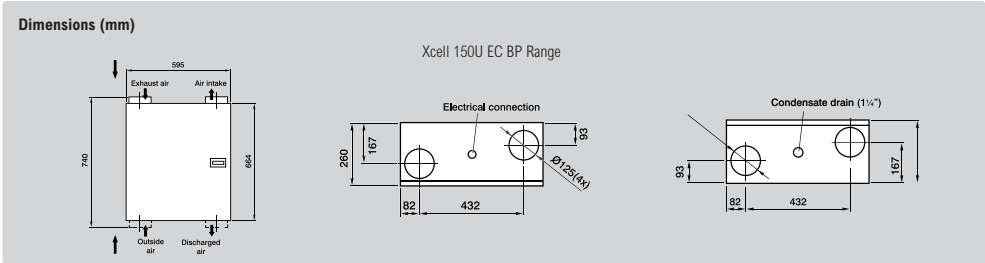
- Part L Compliant
- Air volume 155m³/h at 150Pa
- Very compact unit
- One unit for left/right (reverse front/back) and wall or ceiling mounted
- 92% efficient counter flow heat exchanger
- Constant volume, UltraEC motor
- Electronic controls with frost protection, bypass control and internal settings
- Control with 3 position switch (not supplied)
- G4 filters with option for F6 post filter
- Extremely low sound levels
- TÜV approved
- Condensate connection 11/4"
- Controller required

## The Range

The Xcell 150U EC BP is ideal for new residential flats and apartments. A key feature is its slim, compact case design for mounting horizontally above a ceiling or vertically in an airing cupboard or utility room. At the heart of the Xcell 150U EC BP is the Xcell counter flow heat exchanger cell with an average heat recovery rate of up to 92%. For the user this heat saved means lower energy use. The latest Xpelair UltraEC (Electronically Commutated) motor technology further ensures that energy running costs are also a fraction of AC motor equivalents. The Xcell unit performance is set up digitally at installation to exactly match the dwelling size and layout. The constant volume long-life motors then maintain the chosen balance between intake and extract rates. A three speed switch provides a choice of daytime running, reduced night time performance and boost speed. During the summer months an automatic summer bypass facility provides free cooling in the winter.

## Models Pricing Group 35i

<b>Xcell 150U EC BP</b>	<b>Ref. 92392AW</b>	<b>£1,200.47</b>
Xcell three speed hideaway heat recovery unit with summer bypass and winter defrost facility		
<b>Xcell Ducting / Grilles</b>	See pages 49-51	
<b>Ancillaries</b>	See pages 79-94	



<b>Product Selector</b>		<b>Xcell 150U EC BP</b>
Reference number		92392AW
Max house volume (m3)		310
Summer bypass (automatic)		■
UltraEC long-life motor		■
Appendix Q specific fan powers (W/l/s)		1.1
Efficiency (%)		92
Speeds selected during installation		Between 15-100% in 1% steps
Max. static pressure (Pa)		155
Typical performance (m³/h)	Speed 1 (30%) / Speed 2 (50%) / Speed 3 (90%)	75 / 95 / 155
Max. sound pressure	Speed 1 (30%) / Speed 2 (50%) / Speed 3 (90%)	35 / 44 / 52
Power (W)	Speed 1 (30%) / Speed 2 (50%) / Speed 3 (90%)	27 / 39 / 106
Wall mounting		■
Horizontal mounting		■
Spigot diameter (mm)		125
Unit only weight (kg)		28
Guarantee (years, UK)		5



# Xpelair Xcell 200QV / QVW

Mechanical ventilation with heat recovery



## The Range

The Xcell 200QV is one of a range of a new generation of CarbonLite energy efficient Mechanical Ventilation units with Heat Recovery (MVHR) designed for modern tight buildings. It is ideal for apartments and houses, is suitable for handed installations and has a standard 600mm width.

The Xcell 200QV has a lightweight EPP construction and can be wall or loft mounted. The design combines a highly insulated EPP structural foam body with four 125mm Ø extract spigot connections with barbed connections and has a 90% energy efficient heat exchanger, EC ultra low energy multi-speed external rotor motors and long life G4 filters. Inspection of the filters is easily achieved by removal of the easy fit access panel without switching the unit off.

## Models

## Pricing Group 32B



**QV MS2** £25.73  
**Ref. 23513AW**  
 2 speed selector (normal or boost) | Controller for Xcell QV models | Surface or Recess mounting | 100mm (w) x 86mm (h) x 45 (d)



**QV Q3SP** £29.40  
**Ref. 96005AA**  
 3 speed selector (trickle, normal or boost) | Controller for Xcell QVW model | Surface mounting | Filter inspection indicator | Motor failure indicator | 74mm (w) x 74mm (h)



**QV QC02 indoor air quality** £99.75  
**Ref. 96003AA**  
 Monitors indoor air quality | Sensor for the Xcell QVW & QVI models | Surface mounting | 80mm (w) x 120mm (h) x 31 (d)

Product Selector	Xcell 200QV	Xcell 200QVW	Xcell 200QVL	Xcell 200QVWL
Reference number	92461AW	92462AW	96737AW	96738AW
Motor type	EC	EC	EC	EC
Maximum supply / extract performance (FID, m³/h)	240	240	240	240
Maximum supply / extract performance (m³/h @100Pa)	205	205	205	205
Maximum system pressure (Pa)	250	250	250	250
Power usage maximum (W) 220-240V AC 50-60Hz	80	80	80	80
Specific fan power (average W/l/s)	0.74*	0.74*	0.74*	0.74*
Efficiency (%)	90	90	90	90
Speeds	2	2	3	3
Speed control type	Remote variable DC	Remote variable DC	Remote variable DC	Remote variable DC
Noise (dB(A)@3m) Low / Medium / Max	26.1 / 40.9 / 49.1	26.1 / 40.9 / 49.1	26.1 / 40.9 / 49.1	26.1 / 40.9 / 49.1
Spigot diameter (mm)	125	125	125	125
Installation orientation	Vertical	Vertical	Vertical	Vertical
Weight (kg)	17.5kg	17.5kg	17.5kg	17.5kg
Guarantee (years, UK)	5	5	5	5

\*Specific fan power is subject to system design resistance

## Key Features

- Part L EST Best Practice Compliant
- Four models available in the 200QV range
- Four 125mm top entry connection spigots
- Constructed from a highly insulated EPP lightweight material
- High efficiency counterflow cell, up to 92% efficient
- G4 filters fitted
- Controller required

## Models

## Pricing Group 35i

**Xcell 200QV** Ref. 92461AW **£994.98**  
 Xcell two speed heat right hand recovery unit - circular spigots

**Xcell 200QVW** Ref. 92462AW **£1,135.58**  
 Xcell three speed heat right hand recovery unit - circular spigots and winter defrost facility

**Xcell 200QVL** Ref. 96737AW **£994.98**  
 Xcell two speed heat left hand recovery unit - circular spigots

**Xcell 200QVWL** Ref. 96738AW **£1,135.58**  
 Xcell three speed heat left hand recovery unit - circular spigots and winter defrost facility

## Xcell Ducting / Grilles

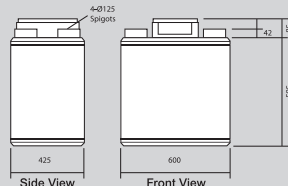
See pages 49-51

## Ancillaries

See pages 79-94

## Dimensions (mm)

Xcell 200QV Range



# Xpelair Xcell 300QV / QVW / QVI

Mechanical ventilation with heat recovery and summer bypass



## Key Features

- Part L and EST Best Practice Compliant
- Six models available in the QV range
- Four top entry connection spigots
- Constructed from a highly insulated EPP lightweight material
- High efficiency counterflow cell up to 91% efficient
- G4 filters fitted
- Controller required

## The Range

Xcell 300QV Long life, low energy use, heat recovery units are designed for modern airtight buildings and are ideal for 3-4 bedroom housed and large apartments. They incorporate a high efficiency heat recovery counter flow 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.

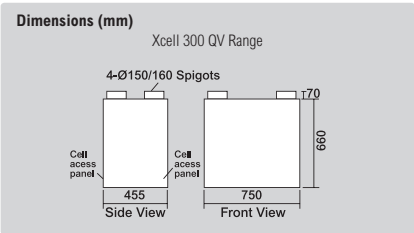
Available in three variants, the QV unit which is controlled by a manual two speed controller located in the kitchen. The QVW unit is controlled by a three speed controller and benefits from winter defrost cycle, filter and motor inspection indicators and the facility for automatic control by a combination of humidistats, CO2 or smoke sensors. The QVI unit has the same control options as the QVW and has the additional benefits of summer bypass, cold home guard and is computer/ BMS compatible.

Models	Pricing Group 32B	
	<b>QV MS2</b>	<b>Ref. 23513AW £25.73</b>
	2 speed selector (normal or boost)   Controller for Xcell QV models   Surface or Recess mounting   100mm (w) x 86mm (h) x 45 (d)	
	<b>QV Q3SP</b>	<b>Ref. 96005AA £29.40</b>
	3 speed selector (trickle, normal or boost)   Controller for Xcell QVW model   Surface mounting   Filter inspection indicator   Motor failure indicator   74mm (w) x 74mm (h)	
	<b>QV QRFT RF Transmitter</b>	<b>Ref. 96007AA £57.75</b>
	Remote manual speed controller   Up to 6 can be used   Surface mounting	
	<b>QV QRFR RF Receiver</b>	<b>Ref. 96006AA £94.50</b>
	RF receiver unit for use with RF Transmitters   1 per MVHR unit required.	
	<b>QV QTS</b>	<b>Ref. 96004AA £89.25</b>
	Time controller with 3 speed selector (trickle, normal or boost)   Controller for Xcell QVI model   Surface mounting   150mm (w) x 90mm (h) x 35 (d)	
	<b>QV QC02 indoor air quality</b>	<b>Ref. 96003AA £99.75</b>
	Monitors indoor air quality   Sensor for the Xcell QVW & QVI models   Surface mounting   80mm (w) x 120mm (h) x 31 (d)	

## Models Pricing Group 35i

<b>Xcell 300QV</b>	<b>Ref. 92463AW</b>	<b>£1,270.77</b>
Xcell multi speed standard heat right hand recovery unit - circular spigots		
<b>Xcell 300QVW</b>	<b>Ref. 92464AW</b>	<b>£1,460.03</b>
Xcell multi speed heat right hand recovery unit with winter defrost - circular spigots		
<b>Xcell 300QVI</b>	<b>Ref. 92465AW</b>	<b>£1,568.18</b>
Xcell multi speed heat right hand recovery unit with summer bypass, cold home guard and is computer and BMS compatible		
<b>Xcell 300QVL</b>	<b>Ref. 92470AW</b>	<b>£1,270.77</b>
Xcell multi speed standard heat left hand recovery unit - circular spigots		
<b>Xcell 300QVWL</b>	<b>Ref. 92471AW</b>	<b>£1,460.03</b>
Xcell multi speed heat left hand recovery unit with winter defrost - circular spigots		
<b>Xcell 300QVIL</b>	<b>Ref. 92472AW</b>	<b>£1,568.18</b>
Xcell multi speed heat left hand recovery unit with summer bypass, cold home guard and is computer and BMS compatible		

<b>Xcell Ducting / Grilles</b>	See pages 49-51
<b>Ancillaries</b>	See pages 79-94



Product Selector	Xcell 300QV	Xcell 300QVW	Xcell 300QVI	Xcell 300QVL	Xcell 300QVWL	Xcell 300QVIL
Reference number	92463AW	92464AW	92465AW	92470AW	92471AW	92472AW
Electrical power rating 3/2/1	130 / 61 / 33	130 / 61 / 33	130 / 61 / 33	130 / 61 / 33	130 / 61 / 33	130 / 61 / 33
Performance (m³/h) 3/2/1	260 / 160 / 90	260 / 160 / 90	260 / 160 / 90	260 / 160 / 90	260 / 160 / 90	260 / 160 / 90
Specific fan power (W/l/s)	0.6*	0.6*	0.6*	0.6*	0.6*	0.6*
Max sound pressure 3/2/1 (dB(A)@3m)	44 / 34 / 29	44 / 34 / 29	44 / 34 / 29	44 / 34 / 29	44 / 34 / 29	44 / 34 / 29
Guarantee (years)	5	5	5	5	5	5

\*Specific fan power is subject to system design resistance.

# Xpelair Xcell 350V EC BP

Wholehouse heat recovery unit for larger dwellings



## The Range

Xcell 350V EC BP are high efficiency CarbonLite MVHR units and with variable performance of up to 370m³/h, ideal for larger detached property applications. At the heart of the Xcell 350V EC BP is the Xcell counter flow heat exchanger cell with an average heat recovery rate of up to 93%. For the user this heat saved means lower heating energy use. The latest Xpelair UltraEC (Electronically Commutated) motor technology further ensures that energy running costs are a fraction of AC motor equivalents.

The Xcell unit performance is set up digitally in 1% increments at installation to exactly match the dwelling size and layout. The constant volume long-life motors then maintain the chosen balance between intake and extract rates. A user three speed switch provides a choice of daytime running reduced night time performance and boost speed.

During the summer months an automatic summer bypass facility provides free cooling when the evening outside air temperature drops below that of indoors. And in the winter an automatic defrost cycle prevents freezing of the condensation removed from the dwelling. For peace of mind Xcell 350V EC BP is fitted with G4 intake and extract filters as standard with an optional upgrade pollen filter also available. Regular inspection is not necessary - a filter warning light will indicate when the filters need cleaning; these can be removed and vacuumed without the use of tools.

## Key Features

- Part L and EST Best Practice Compliant
- UltraEC technology for low energy use
- Extra long life motor for lower whole life costs
- Summer bypass provides free cooling for summer evenings
- Up to 93% heat recovery efficiency
- 5 year UK only CarbonLite guarantee for peace of mind
- Controller required

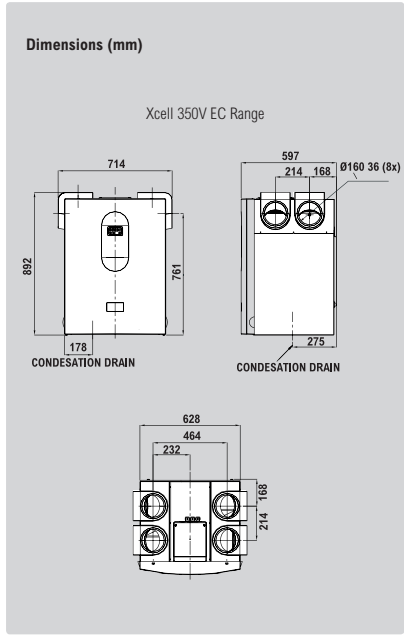
## Models Pricing Group 35i

**Xcell 350V EC BP** Ref. 92393AW **£1,427.58**  
Xcell multi-speed right hand heat recovery unit - circular spigots

**Xcell 350V EC BP** Ref. 92395AW **£1,427.58**  
Xcell multi-speed left hand heat recovery unit - circular spigots

**Xcell Ducting / Grilles** See pages 49-51

**Ancillaries** See pages 79-94



Product Selector		Xcell 350V EC BP	Xcell 350V EC BP
Reference number		92393AW	92395AW
Max. house volume (m3)		800	800
Summer bypass (automatic)		■	■
Ultra EC long life motor		■	■
Appendix Q specific fan powers (W/l/s)		0.71	0.71
Efficiency (%)		93	93
Speeds selected during installation steps		Between 15-100% in 1%	Between 15-100% in 1% steps
Max. static pressure (Pa)		200	200
Typical performance (m³/h) high (90%) / med (70%) / low (35%)		360 / 270 / 100	360 / 270 / 100
Max. sound pressure (dB(A)@3m) high (90%) / med (70%) / low (35%)		36 / 30 / 10	36 / 30 / 10
Power (W) high (90%) / med (70%) / low (35%)		246 / 109 / 20	246 / 109 / 20
Spigot diameter (mm)		160 (internal)	160 (internal)
Unit only weight (kg)		37	37
Guarantee (years, UK)		5	5

# Xpelair Xcell 400QV / QVW / QVI

Mechanical ventilation with heat recovery and summer bypass



## Key Features

- Part L and EST Best Practice Compliant
- Six models available in the QV range
- Four top entry connection spigots
- Constructed from a highly insulated EPP lightweight material
- High efficiency counterflow cell up to 91% efficient
- G4 filters fitted
- Controller required

## The Range

Xcell 400QV Long life, low energy use, heat recovery 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 counter flow 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.

Available in three variants, the QV unit which is controlled by a manual two speed controller located in the kitchen. The QVW unit is controlled by a three speed controller and benefits from winter defrost cycle, filter and motor inspection indicators and the facility for automatic control by a combination of humidistats, CO2 or smoke sensors. The QVI unit has the same control options as the QVW and has the additional benefits of summer bypass, cold home guard and is computer/ BMS compatible.

## Models

## Pricing Group 32B



**QV MS2** Ref. 23513AW £25.73  
2 speed selector (normal or boost) | Controller for Xcell QV models | Surface or Recess mounting | 100mm (w) x 86mm (h) x 45 (d)



**QV Q3SP** Ref. 96005AA £29.40  
3 speed selector (trickle, normal or boost) | Controller for Xcell QVW model | Surface mounting | Filter inspection indicator | Motor failure indicator | 74mm (w) x 74mm (h)



**QV QRFT RF Transmitter** Ref. 96007AA £57.75  
Remote manual speed controller | Up to 6 can be used | Surface mounting



**QRFR RF Receiver** Ref. 96006AA £94.50  
RF receiver unit for use with RF Transmitters | 1 per MVHR unit required.



**QV QTS** Ref. 96004AA £89.25  
Time controller with 3 speed selector (trickle, normal or boost) | Controller for Xcell QVI model | Surface mounting | 150mm (w) x 90mm (h) x 35 (d)



**QV QC02 indoor air quality** Ref. 96003AA £99.75  
Monitors indoor air quality | Sensor for the Xcell QVW & QVI models | Surface mounting | 80mm (w) x 120mm (h) x 31 (d)

## Models

## Pricing Group 35i

**Xcell 400QV** Ref. 92475AW £1,270.77  
Xcell multi speed standard heat right hand recovery unit - circular spigots

**Xcell 400QVW** Ref. 92476AW £1,460.03  
Xcell multi speed heat right hand recovery unit with winter defrost - circular spigots

**Xcell 400QVI** Ref. 92478AW £1,568.18  
Xcell multi speed heat right hand recovery unit with summer bypass, cold home guard and is computer and BMS compatible

**Xcell 400QVL** Ref. 92479AW £1,270.77  
Xcell multi speed standard heat left hand recovery unit - circular spigots

**Xcell 400QVWL** Ref. 92480AW £1,460.03  
Xcell multi speed heat left hand recovery unit with winter defrost - circular spigots

**Xcell 400QVIL** Ref. 92482AW £1,568.18  
Xcell multi speed heat left hand recovery unit with summer bypass, cold home guard and is computer and BMS compatible

## Xcell Ducting / Grilles

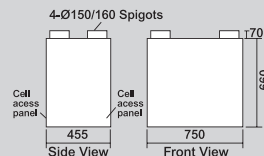
See pages 49-51

## Ancillaries

See pages 79-94

## Dimensions (mm)

Xcell 400 QV Range



Product Selector	Xcell 400QV	Xcell 400QVW	Xcell 400QVI	Xcell 400QVL	Xcell 400QVWL	Xcell 400QVIL
Reference number	92475AW	92476AW	92478AW	92479AW	92480AW	92482AW
Electrical power rating 3 / 2 / 1	130 / 61 / 33	130 / 61 / 33	130 / 61 / 33	130 / 61 / 33	130 / 61 / 33	130 / 61 / 33
Max. performance (FID, m³/h)	460	460	460	460	460	460
Specific fan power (W/l/s)	0.7*	0.7*	0.7*	0.7*	0.7*	0.7*
Max. performance (m³/h @100Pa)	410	410	410	410	410	410
Max. sound pressure (dB(A)@3m) 3 / 2 / 1	44 / 34 / 29	44 / 34 / 29	44 / 34 / 29	44 / 34 / 29	44 / 34 / 29	44 / 34 / 29
Guarantee (years)	5	5	5	5	5	5

\*Specific fan power is subject to system design resistance.

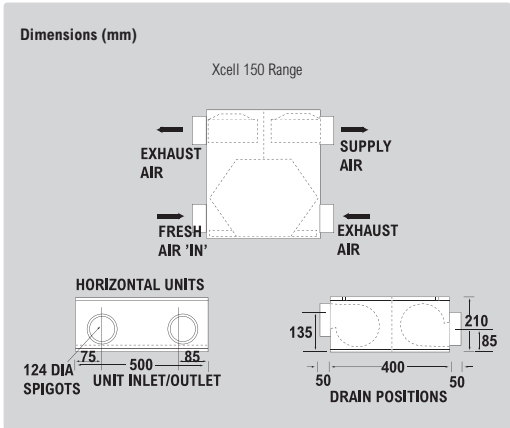
# Xpelair Xcell 150 / 150R

Horizontal hideaway heat recovery units for smaller dwellings



### The Range

Designed for the smaller dwelling the Xpelair Xcell 150 is a slimline unit designed for horizontal installation where space is at a premium. The Xcell 150 has multi-speed fans which can be set according to the volume of the home. Xcell 150R is fitted with 'system-side' Profile 60 multi spigots for direct connection to Xpelair flat ducting.



### Key Features

- 2 models are available: 125mm diameter spigots or 204 x 60mm rectangular
- 217mm low profile height
- 6 speed options with boost operation
- External rotor motors
- Suitable for temperatures up to 40°C
- Condensation drain pipe
- Includes 2 speed controller

### Models

### Pricing Group 35i

**Xcell 150** Ref. 91981AA £481.27  
Slimline insulated steel case with sealed access panel. Suitable for ceiling or loft mounting in confined spaces | High efficiency counterflow heat recovery cell with up to 92% efficiency depending on volume setting | Multi-speed single inlet centrifugal fans for whisper quiet performance. Speeds are selected at installation based on the required volume/duty of the dwelling in accordance with Building Regulations Part F1 | A remotely fitted low/boost switch is provided with the unit | Hygienic anti-bacterial condensate tray and outlet | Fitted with 125mm spigots | 6mm wire frame with EU 2 media panel | Condensate rates: Typical = 0.4 l/h, max = 0.8 l/h

**Xcell 150R** Ref. 91976AA £481.27  
As Xcell 150 | Fitted with four flat duct spigots for connection to Profile 60 duct

**Xcell Ducting / Grilles** See pages 49-51

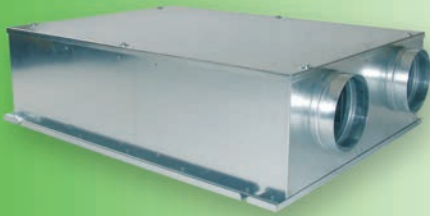
**Ancillaries** See pages 79-94

Product Selector	Xcell 150	Xcell 150R
Reference number	91981AA	91976AA
Motor type	AC	AC
Maximum supply / extract performance (FID, m³/h)	161	161
Maximum supply / extract performance (m³/h @100Pa)	129	129
Maximum system pressure (Pa)	275	275
Power usage maximum (W) 220-240V AC 50-60Hz	146	146
Specific fan power (maximum W/l/s)	3.2*	3.2*
Efficiency (%)	92	92
Speeds	6	6
Speed control type	Transformer output	Transformer output
Noise (dB(A)@3m) Speed 1 / 6	27 / 34	27 / 34
Spigot diameter (mm)	125	Rectangular 204 x 60mm
Installation orientation	Horizontal	Horizontal
Body material	Galvanised Steel	Galvanised Steel
Weight (kg)	25	25
Guarantee (years, UK)	3	3

\*Specific fan power is subject to system design resistance.

# Xpelair Xcell 200 / 200R / 200BP / 200RBP

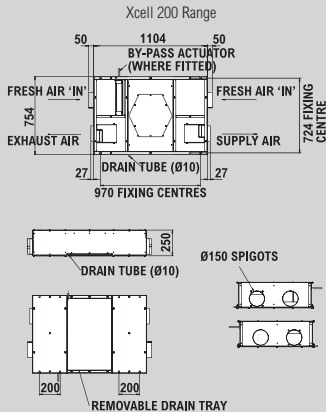
Low profile hideaway heat recovery unit



## The Range

Designed for the smaller dwelling the Xpelair Xcell 200 is ideal for recess fitting in ceilings, in a coat cupboard, or in lofts with limited space. The Xcell 200 has multispeed fans which can be set according to the volume of the home. Xcell 200R is fitted with 'system-side' Profile 60 multi spigots for direct connection to Xpelair flat ducting. Versions with a motorised summer 100% bypass are available. These use cool summer evening air to give 'free' cooling when the outside air temperature is lower than indoors. Options include an electric or hot water heater maintains a constant input air temperature irrespective of the outside conditions.

### Dimensions (mm)



Product Selector	Xcell 200	Xcell 200R	Xcell 200BP	Xcell 200RBP
Reference number	91977AA	91978AA	91979AA	91980AA
Maximum supply / extract performance (FID, m³/h)	284	284	284	284
Maximum supply / extract performance (m³/h @100Pa)	228	228	228	228
Maximum system pressure (Pa)	350	350	350	350
Spigot size (mm)	Ø150	204 x 60	Ø150	204 x 60
Summer bypass			■	■
Specific fan power (maximum W/l/s)	3.4*	3.4*	3.4*	3.4*
Number of speed options	4	4	4	4
Speed control type	Tapped motor	Tapped motor	Tapped motor	Tapped motor
Maximum sound pressure (dB(A)@3m)	high / low	38 / 30	38 / 30	38 / 30
Power (W) 220-240V AC 50-60Hz	high / low	268 / 141	268 / 141	268 / 141
Installation orientation		Horizontal	Horizontal	Horizontal
Weight (kg)		40	40	40
Guarantee (years)		3	3	3

\*Specific fan power is subject to system design resistance.

## Key Features

- High efficiency counterflow heat recovery cell (90%)
- Four 150mm Ø extract spigots
- Top or bottom access
- Fresh air intake and dwelling extract filters (EU4)
- 1m length 12mm Ø (O/D) plastic condensate tubing supply
- Complete with 4 speed tapped motor
- 2 speeds can be selected on installation
- Includes 2 speed controller

## Models

## Pricing Group 35i

**Xcell 200** Ref. 91977AA **£778.68**  
Slimline insulated steel case with sealed access panel. Suitable for ceiling or loft mounting in confined spaces | High efficiency counterflow heat recovery cell with up to 90% efficiency depending on volume setting | Multi-speed double inlet centrifugal fans for whisper quiet performance. Speeds are selected at installation based on the required volume/duty of the dwelling in accordance with Building Regulations Part F1. A remotely fitted low/boost switch is provided with the unit | Xcell filters | Hygienic anti-bacterial condensate tray and outlet | 150mm diameter circular spigots | Cardboard frame with EU 4 pleated media panel | Condensate rates: Typical 0.65 l/h, max 1.3 l/h

**Xcell 200R** Ref. 91978AA **£778.68**  
As Xcell 200 except for rectangular roomside spigots suitable for Profile 60 ducting

**Xcell 200BP** Ref. 91979AA **£974.44**  
As Xcell 200 plus built-in motorised summer bypass

**Xcell 200RBP** Ref. 91980AA **£974.44**  
As Xcell 200R plus built-in motorised summer bypass

**Xcell Ducting / Grilles** See pages 49-51

**Ancillaries** See pages 79-94

# Xpelair Xcell 600 / 600BP

Low profile heat recovery units for larger properties



## The Range

Designed for the larger property, the Xcell 600 provides high performance and excellent heat recovery efficiency featuring multi-speed fans chosen for their quiet operation and proven reliability. The heat recovery cell is a high efficiency design having a typical energy recovery rate of 70% and is fitted with two heavy duty filters, and an anti-bacterial stainless steel outlet on condensate tray.

The Xcell 600BP has a built-in motorised summer 100% bypass which uses cool summer evening air to give 'free' cooling when the outside air temperature is lower than indoors. A remotely positioned speed selector is provided with the unit.

## Key Features

- Up to 70% thermal efficiency
- Bottom access
- 200mm Ø circular spigots
- Multi-room extract spigot option
- Remote mounted speed selector included
- Low profile design for ceiling/floor voids
- Backward curved fans
- Acoustically lined
- Integral slotted mounting points
- Variable duty curves

## Models

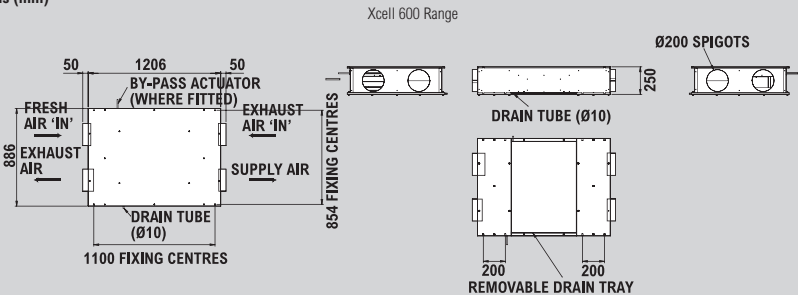
## Pricing Group 35i

<b>Xcell 600</b>	<b>Ref. 92002AA</b>	<b>£865.20</b>
Slimline insulated steel case with sealed   access panel. Suitable for ceiling or loft mounting   High efficiency crossflow heat recovery cell with up to 70% efficiency depending on volume setting   Multispeed double inlet centrifugal fans for whisper quiet performance. Speeds are selected at installation based on the required volume/duty of the dwelling in accordance with Building Regulations Part F1. A remotely fitted low/boost switch is provided with the unit   Xcell filters   Hygienic anti-bacterial condensate tray and outlet   200mm diameter circular spigots   Cardboard frame with EU 4 pleated media panel   Condensate rates: Typical = 1.2 l/h, max = 2.4 l/h		

<b>Xcell 600BP</b>	<b>Ref. 92003AA</b>	<b>£1,093.40</b>
As Xcell 600   Plus built-in motorised summer bypass		

<b>Xcell Ducting / Grilles</b>	See pages 49-51
<b>Ancillaries</b>	See pages 79-94

## Dimensions (mm)



Product Selector	Xcell 600	Xcell 600BP
Reference number	92002AA	92003AA
Spigot size (mm)	200	200
Summer bypass		■
Efficiency (maximum %) <sup>4</sup>	70	70
Number of speed options	6	6
Maximum supply/extract performance (m³/h @100Pa)	525	525
Maximum sound pressure (dB(A)@3m) high / low	34 / 28	34 / 28
Weight (kg)	42	42
Guarantee (years)	2	2

# Xpelair Xcell 1000 / 1000BP / 1500BP / 2000BP

## Horizontal low profile heat recovery units

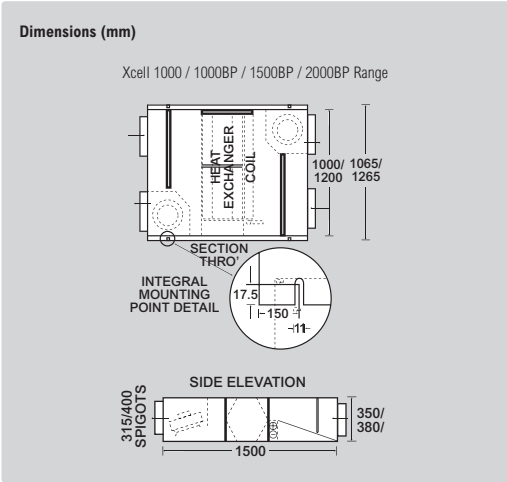


### Key Features

- 5 duty curves
- 315mm Ø circular spigots (400mm Ø on Xcell 2000BP)
- Multi-room extract spigot option
- Unit or remote mounted speed selector
- Low profile design for ceiling or floor voids
- High efficiency external rotor motors
- Acoustically lined
- Integral slotted mounting points
- Summer bypass (100%) and free cooling when external temps are lower (BP models only)
- Heavy duty filters
- Condensation drain
- Controller supplied

### The Range

Xpelair packaged heat recovery units are designed to offer flexible, user friendly features making selection and installation easier. The unique speed selector provides a simple means of setting exact air volumes for specific system requirements. Thermal efficiencies of up to 70% are achievable depending on system balance and air temperature differences. Re-heat / after cooling coil is also available.



### Models Pricing Group 35i

**Xcell 1000** Ref. 92563AA **£2,103.26**  
 Insulated steel case with sealed access panel | Suitable for ceiling or floor void mounting | High efficiency crossflow heat recovery cell with up to 70% efficiency depending on volume setting | Multispeed double inlet centrifugal fans for whisper quiet performance. Speeds are selected at installation based on the required volume/duty of the dwelling in accordance with Building Regulations Part F1. A remotely fitted low/boost switch is provided with the unit | Xcell filters | Hygienic anti-bacterial condensate tray and outlet | 315mm diameter circular spigots | Cardboard frame with EU 4 pleated media panel | Condensate rates: Typical = 1.2 l/h, max = 2.4 l/h

**Xcell 1000BP** Ref. 92564AA **£2,248.79**  
 As Xcell 1000 | Plus built-in motorised summer bypass

**Xcell 1500BP** Ref. 92565AA **£2,874.80**  
 As Xcell 1000BP | Larger, higher performance unit

**Xcell 2000BP** Ref. 92566AA **£3, 035.34**  
 As Xcell 1500BP | Larger, higher performance unit | 315mm diameter circular spigots

<b>Xcell Ducting / Grilles</b>	See pages 49-51
<b>Ancillaries</b>	See pages 79-94

Product Selector	Xcell 1000	Xcell 1000BP	Xcell 1500BP	Xcell 2000BP
Reference number	92563AA	92564AA	92565AA	92566AA
Room side spigots	circular	circular	circular	circular
House side spigot size (mm)	Ø315	Ø315	Ø315	Ø400
External spigot size (mm)	Ø315	Ø315	Ø315	Ø400
Summer bypass		■	■	■
Efficiency (%)	70	70	70	70
Number of speed options	5	5	5	5
Max. performance (m³/h @100Pa)	1195	1195	1800	2160
Max. static pressure (Pa) high	400	400	300	300
Max. sound pressure (dB(A)@3m)	35	35	44	44
Max. power (W)	400	400	1500	1600
Roof space fitment	■	■	■	■
Weight (kg)	118	118	250	250
Guarantee (years)	2	2	2	2



# Xpelair SystemX

## Wholehouse heat recovery ducting kits



### The Range

Xpelair Xcell wholehouse heat recovery units feature over 90% heat transfer efficiencies and low running cost 'Long life' DC motors. To ensure that as much of this valuable heat energy gain is delivered back to the living areas, Xpelair has developed two SystemX kits which contain all the main ductwork components needed for a standard three or four bedroom two level new home. Kit 3 is suitable for a typical 3 bedroom home and Kit 4 is suitable for a typical 4 bedroom home.

The systems are based on a low pressure drop design, aiming to keep the air paths as large as possible and providing the main resistance at the inlets and outlets. Not only does this simplify the specification but the kits offer substantial savings over the cost of the individual components.

The kits consist of Profile 150 and Xflex TFD components for ducting in uninsulated cold areas such as the loft, Profile 60 components for vertical risers in stud walls and other vertical voids, and splitters and ReguAir intake and outlet terminations for wet rooms and living areas.

Site conditions will inevitably mean that a few components more or less will be required to complete the project. Choose these from the accessory list.

SystemX components are delivered in a series of easy to handle master cartons with first fix items separate from the second fit fixing and grilles.

Because of the grease content, it is recommended that kitchen canopies are not connected to the system. Instead, use a separate extract point at ceiling level.

### Key Features

- **ReguAir no commissioning grilles**
- **Sound and heat insulated ducting**

### Models

### Pricing Group 33

#### Xpelair SystemX Kit 3

Ref. 91293AA

£1,156.22

#### Layout assumptions:

Xcell unit in the airing cupboard on first floor | Exhaust from family bathroom and one en-suite on first floor, kitchen general vent and cloakroom on ground floor | Intake to three bedrooms on first floor, and hall or lounge on ground floor | 2 external terminations are required but not included. Use either roof cowl or wall termination set

#### Comprises:

##### First fix

5 x 2.5m Profile 150 straight duct | 2 x Profile 150 90° bend | 2 x Pushfit collar | 4 x SnapClamp collar | 1 x 150 x 150 x 150 Y splitter | 3 x 150 x 125 x 125 Y splitter | 2 x 125 x 125 x 125 Y splitter | 1 x 10m Xflex TFD125 | 26 x Worm drive clip | 13 x Profile 60 flat duct | 6 x Profile 60 plenum box | 9 x Profile 60 coupling | 3 x Profile 60 vertical 90° bend | 1 x Profile 60 T piece | 1 x Profile 60 adjustable horizontal bend | 26 x Profile 60 mounting bracket | 11 x ReguAir ceiling spigot

##### Second fix

2 x Kitchen / utility extract grille | 4 x ReguAir XEI 125 input grille | 2 x ReguAir XEP 6-12 | 2 x ReguAir XEH 8-16 | 3 x ReguAir XEV 8 valve

#### Xpelair SystemX Kit 4

Ref. 91294AA

£1,589.09

#### Layout assumptions:

Xcell unit in the airing cupboard on first floor | Exhaust from family bathroom and two en-suites on first floor, kitchen general vent and cloakroom on ground floor | Intake to four bedrooms on first floor, and hall and lounge on ground floor | 2 external terminations are required but not included. Use either roof cowl or wall termination set

#### Roof cowl

Ref. 91277AA

£98.43

Profile 150 roof cowl | 2 off required to complete installation

#### Wall Termination Set

Ref. 91455AA

£123.45

#### Required to complete installation:

2 x 150mm Wall duct WD | 2 x Wall grille | 2 x Profile 150 45° bend | 2 x 2.5m Profile 150 straight duct | 2 x Pushfit collar

#### Comprises:

##### First fix

8 x 2.5m Profile 150 straight duct | 2 x Profile 150 90° bend | 2 x Pushfit collar | 4 x SnapClamp collar | 3 x 150 x 150 x 150 Y splitter | 5 x 150 x 125 x 125 Y splitter | 3 x 125 x 125 x 125 Y splitter | 1 x 10m Xflex TFD125 | 38 x Worm drive clip | 17 x Profile 60 flat duct | 9 x Profile 60 plenum box | 12 x Profile 60 coupling | 4 x Profile 60 vertical 90° bend | 1 x Profile 60 T piece | 1 x Profile 60 adjustable horizontal bend | 34 x Profile 60 mounting bracket | 12 x ReguAir ceiling spigot

##### Second fix

1 x Kitchen / utility extract grille | 1 x ReguAir XEP 6-12 | 6 x ReguAir XEI 125 input grille | 1 x ReguAir XEP 8-16 | 3 x ReguAir XEH 8-16 | 5 x ReguAir XEV 8 valve

# Xpelair Profile 150

## Heat recovery duct systems



### The Range

Xpelair Profile 150 ideally compliments the Xpelair Xcell range of Mechanical Ventilation with Heat Recovery (MVHR) units. Designed for quick, easy and mess-free installation. The thick but flexible foam system is lightweight, fire retardant and slim in profile. Straight ducts are supplied in 2.5m lengths and a full range of collar fit bends are available. Where the system is connected to a terminal spigot or where periodic inspection is necessary, SnapClamp collars engage tightly or release completely in seconds allowing fast fitting and release as necessary. A range of matching cowed terminations are available.

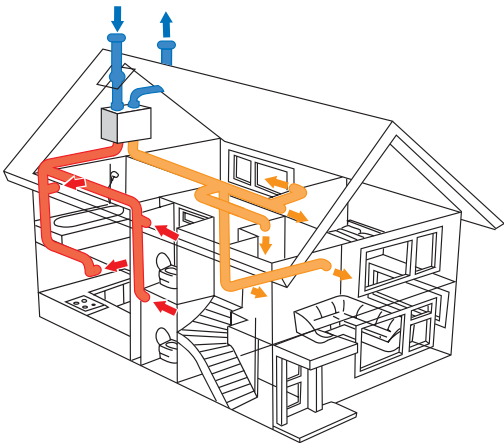
### Key Features

#### Resistance at 225m³/h

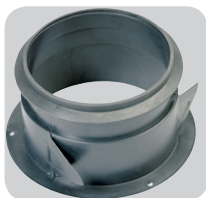
Component	Resistance (Pa)
Roof cowl as outlet	1.9
Roof cowl as intake	-26.8
Wall cowl as intake	-31.3
Duct per metre	1.4
90° bend	5.3
45° bend	3.4
15° bend	0.4



Models	Pricing Group 33
Profile 150 Straight duct 2.5m Ref. 91272AA	£32.73
Profile Snap Clamp collar Ref. 91280AA	£4.37
Profile 150 90° bend Ref. 91273AA	£14.23
Profile 150 45° bend Ref. 91274AA	£9.85
Profile 150 30° bend Ref. 91275AA	£9.56
Profile 150 15° bend Ref. 91276AA	£9.16
Profile Push fit collar Ref. 91279AA	£2.57
YPS2 Ø100mm x 100mm x 150mm Y piece splitter Ref. 91282AA	£30.12
YPS4 Ø125mm x 125mm x 150mm Y piece splitter Ref. 91284AA	£30.12
YPS5 Ø150mm x 150mm x 150mm Y piece splitter Ref. 91285AA	£30.12
YPS6 Ø150mm x 150mm x 200mm Y piece splitter Ref. 91286AA	£30.12
Roof Cowl Ref. 91277AA	£98.43
Wall Cowl Ref. 92436AA	£46.05



Schematic diagram of a typical wholehouse MVHR installation



### Extract Grilles

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

#### RegulAir ceiling spigot XECS

Ref: 91452AA £5.63

A 125mm first fix spigot that fits flush to the ceiling, allowing decoration without masking | Self supporting - no fixings required | Complete with rubber seal

#### RegulAir Exhaust grilles

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

Ref: 91442AA £49.69

Preset volume regulator. 8l/s trickle ventilation | Electric damper opens to 16l/s



### Circular Air Valves CAV

CAV100 Dia100mm Ref: 89682AA £15.99

CAV125 Dia125mm Ref: 91490AA £10.97

CAV150 Dia150mm Ref: 89683AA £17.64

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

### Circular Air Valve CAV FD

CAV125FD Dia125mm

Ref: 91495AA £76.88

Circular air valve with integral fire damper



#### RegulAir XEP 8-16 bathroom/utility grille

Ref: 91444AA £44.66

Preset volume regulator. 8l/s trickle ventilation | Pullcord opens to 16l/s

#### RegulAir XEH 8-16 bathroom/utility grille

Ref: 91445AA £69.97

Preset volume regulator. 8l/s trickle ventilation | Non-electric humidistat opens to 16l/s

#### RegulAir XEP 6-12 sanitary accommodation grille

Ref: 91443AA £44.66

Preset volume regulator. 6l/s trickle ventilation | Pullcord opens to 12l/s



### RegulAir XEV

#### 6-12 sanitary accommodation

Ref: 91446AA £64.04

Preset volume regulator. 6l/s trickle ventilation | PIR opens to 12l/s

#### Fire Cuff 125

Ref: 23314AA £22.63

Ø125mm Fire cuff

#### Female Cuff 125

Ref: 23349AA £3.51

Ø125mm female connector for

CAV125



### Input Grilles

For use in bedrooms, halls and living rooms etc

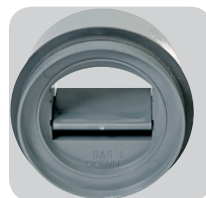
#### RegulAir XEI 125 input grille

Ref: 91451AA £16.70

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

Ref: 91450AA £15.99



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

#### XEV4 4l/s

Ref: 91447AA £16.41

#### XEV8 8l/s

Ref: 91448AA £16.41

#### XEV12 12l/s

Ref: 91449AA £16.41

### Important

One of the return ducts should not be fitted with a constant airflow valve to maintain balance extract / intake. This is normally one of the returns to the ground floor.

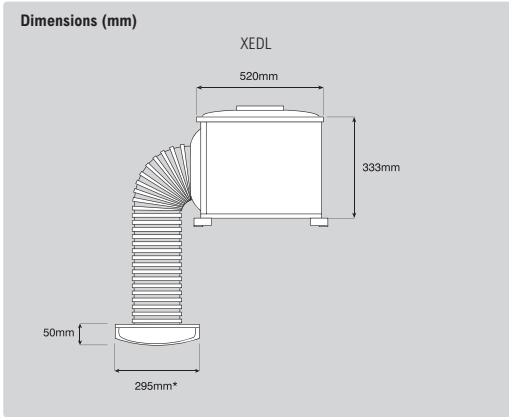
# Xpelair EverDri XEDL

## Long life Ultra DC positive pressure ventilation



### The Range

The EverDri system is based on a continuous supply of fresh, dry air into the 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. UltraDC motor means that very low running costs can be achieved while maintaining outstanding efficiency.



Product Selector		XEDL	
Reference number		90998AA	
Loft spacing installation		■	
Ducted		■	
Supply Performance (m³/h)	5 / 4 / 3 / 2 / 1	259 / 216 / 173 / 130 / 86	
Supply Performance (l/s)	5 / 4 / 3 / 2 / 1	72 / 60 / 48 / 36 / 24	
Power (W)	5 / 4 / 3 / 2 / 1	17 / 13 / 10 / 7 / 4	

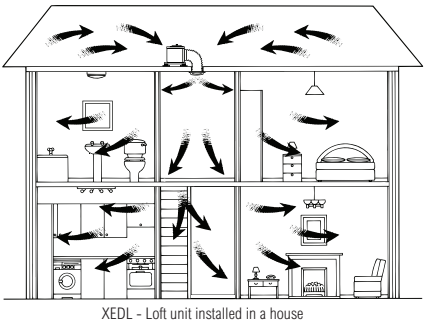
### Key Features

- Wholehouse positive input ventilation unit
- Four selectable speeds to suit house size
- Long life Ultra DC motor
- Very low running costs
- Unit automatically optimises performance according to temperature
- Whisper quiet sound levels

### Models Pricing Group 30

**Xpelair XEDL**      **Ref. 90998AA**      **£390.44**  
 For installation in houses | Installed in the roof space and ducted to a neat diffuser which is fitted to the ceiling, usually over the stairwell | The unit draws dry air from the loft space taking advantage of solar gain which tempers the air | The UltraDC motor is extremely efficient providing very low running costs. The air is filtered and gently introduced through the ceiling diffuser

**Ancillaries**      See pages 79-94



# Xpelair LoVolt XHR150

Single room heat recovery ventilator



## The Range

Xpelair LoVolt XHR 150 units can be installed quickly using a standard core drill. Suitable for domestic applications in bathrooms, utility rooms, bedrooms and living rooms. Also suitable for commercial applications such as hotels, offices and meeting rooms.

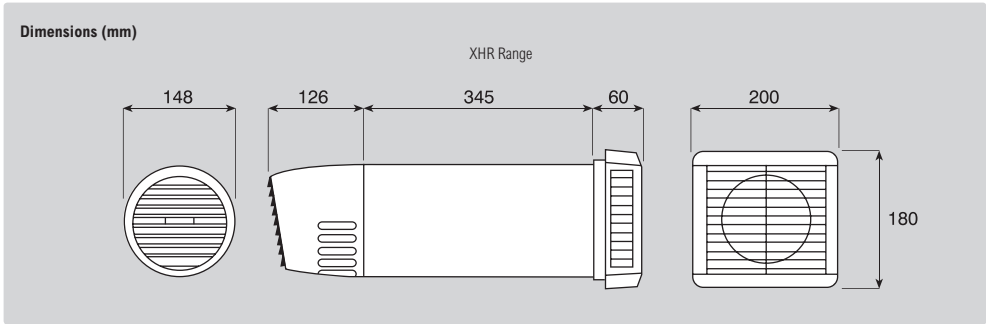
The XHR150 is the energy efficient alternative to extract ventilation and is an effective remedy for damp problems associated with household condensation. XHR150 is more energy efficient than normal fans both in terms of heating and fan running costs. It also complies with current Building Regulations.

## Key Features

- Two speed single room heat recovery ventilation unit
- Two models, standard and with pullcord override
- SELV safety LoVolt motor
- Very low running costs
- Up to 80% efficient heat recovery cell

## Models Pricing Group 30

<b>LoVolt XHR150PC</b>	<b>Ref. 90821AA</b>	<b>£292.47</b>
Two speed trickle and pullcord boost operation   SELV safety LoVolt motor operation with separate SELV transformer   Tubular construction with integral air intake/outlet and wall bezel   Aluminium heat exchange cell   Fascia with built-in filters		
<b>LoVolt XHR150HP</b>	<b>Ref. 90820AA</b>	<b>£321.71</b>
Built-in pullcord override switch for On/Off operation   SELV safety LoVolt motor operation with separate SELV transformer   Tubular construction with integral air intake/outlet and wall bezel   Aluminium heat exchange cell   Fascia with built-in filters   Remote adjustable set point type humidity sensor automatically switches to boost when a higher %RH is detected from showering etc.   Integral light sensor to prevent misuse operation at night		



Product Selector		XHR150PC	XHR150HP
Reference number		90821AA	90820AA
Integral pullcord		■	■
Automatic control from remote humidistat			■
Maximum efficiency (%)		80	80
Speeds		2	2
Extract performance (m³/h)	boost / trickle	31 / 12	31 / 12
Extract Performance (l/s)	boost / trickle	9 / 3	9 / 3
Sound pressure level (dB(A)@3m)	boost / trickle	41 / 21	41 / 21
Power (W)	boost / trickle	46 / 9	46 / 9
Hole diameter (mm)		152	152
Wall thickness range (mm)		229 - 356	229 - 356
Guarantee (years, UK)		3	3

# Xpelair AutoFlow 80 / 100 / 160

## Passive air input units



### The Range

The Xpelair AutoFlow, a simple and neat passive ventilation unit designed for installation at high level through a wall using a core cutter. Xpelair AutoFlow is self regulating and adjusts the airflow in relation to the outside temperature. A self contained, temperature sensitive thermostatic piston controls the opening of the indoor vent disc. In automatic operation the aperture decreases with declining outdoor temperature and increase with rising outdoor temperature. The unit comes complete with wall tube and outside weather protected wall grille.

### Key Features

- Self contained and regulating
- Complete with external weather grille
- Maintenance free
- Installed using a standard core cutter

### Models Pricing Group 33

#### AutoFlow 80 Ref. 91295AW £48.90

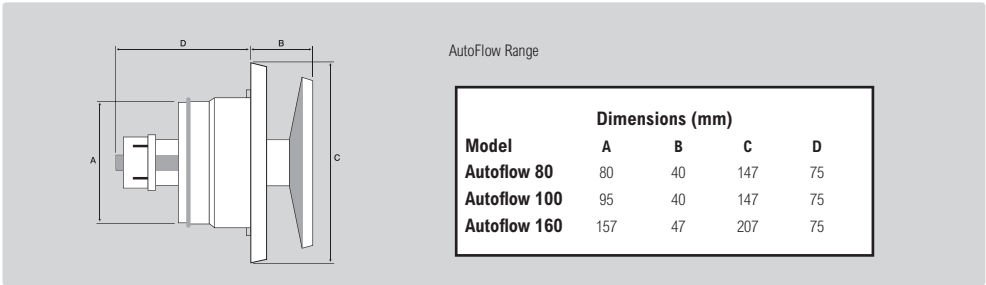
Self regulating passive 80mm ventilator that adjusts airflow with outside temperature | Building Regulations compliant | Maintenance free temperature sensitive actuating piston | Range - 5°C to +10°C | Fitted using a standard core cutter | ABS front face with sound attenuating insulation to the reverse side | Telescopic wall tube for walls to 270mm | Outside weather protected wall grille | Finished in white

#### AutoFlow 100 Ref. 91296AW £52.06

Self regulating passive 100mm ventilator that adjusts airflow with outside temperature | Building Regulations compliant | Maintenance free temperature sensitive actuating piston | Range - 5°C to +10°C | Fitted using a standard core cutter | ABS front face with sound attenuating insulation to the reverse side | Telescopic wall tube for walls to 270mm | Outside weather protected wall grille | Finished in white

#### AutoFlow 160 Ref. 91297AW £75.79

Self regulating passive 160mm ventilator that adjusts airflow with outside temperature | Building Regulations compliant | Maintenance free temperature sensitive actuating piston | Range - 5°C to +10°C | Fitted using a standard core cutter | ABS front face with sound attenuating insulation to the reverse side | Telescopic wall tube for walls to 270mm | Outside weather protected wall grille | Finished in white



Product Selector	AutoFlow 80	AutoFlow 100	AutoFlow 160
Reference number	91295AW	91296AW	91297AW
Operating temperature range (°C)	-5 / +10	-5 / +10	-5 / +10
Maximum vent opening (mm)	15	15	15
Maximum ventilation rate (m³/h)	100	100	200
Pressure drop at max flow rate (Pa)	38	36	37
Diameter (mm)	80	100	160
Hole diameter (mm)	85	105	165
Guarantee (years, UK)	2	2	2

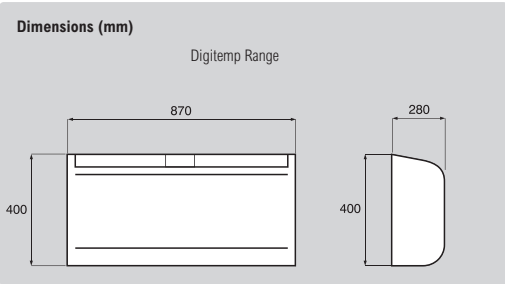
# Xpelair Digitemp WA & WHP

## Comfort air conditioning and heating



### The Range

Digitemp offers all year climate control for homes and offices. The self-contained unit is ideal for use in the bedroom, living spaces and studies. The quiet and sleek unit is installed internally without the use of an unsightly outdoor condensing unit - making it particularly suitable for use in apartments and multi-storey locations where other systems require planning permission. The Digitemp is even suitable for some listed building applications. With no outdoor condensing unit to install and no gas connections, the unit is easy and quick to fit at high or low level. Installation can be done internally with the only sign of the system on the outside of the building being two discreet grilles. The WA210N and WA245N models provide cooling only, whereas the WHP210N and WHP245N provide the convenience of heating and cooling in a single unit.



Product Selector	WA210	WA245	WHP210	WHP245
Reference Number	91173AA	92722AA	91175AA	92724AA
Cooling capacity (kW)	2.1	2.45	2.1	2.45
Heating capacity (kW)			1.9	2.03
EER (Energy Efficiency Ratio)	2.66	2.66	2.23	2.23
COP (Coefficient of Performance)			2.64	2.61
Max. absorbed power rating (W)	930	1320	930	1320
Dehumidification capacity (l/h)	1.0	1.2	1.0	1.2
Energy efficiency class (cooling)	A	C	A	C
Energy efficiency class (heating)			C	F
Room air volume (m³/h)	350	390	350	390
Fan speed settings	3	3	3	3
Max. noise levels dB(A)	37	39	37	39
Refrigerant type	R410a	R410a	R410a	R410a
Max. range of infrared remote control (m)	8	8	8	8
Power supply (V)	230	230	230	230
Power supply (Hz)	50	50	50	50
Guarantee (years, UK)	2	2	2	2
Weight (kg)	58	58	58	58

### Key Features

- Four model range
- Two cooling capacities (2.1kW or 2.45kW models)
- Each available in cooling only (WA models) or cooling with heating (WHP models)
- Revolutionary self contained design - no external condenser unit
- Delivers up to 2.6kW of cooling/heating energy for every 1kW of power used
- Highly efficient heat pumps consume only 40% of the electricity required by conventional electric heaters
- No specialist installation requirement - 13A electrical supply and no commissioning as unit is self contained

### Models

### Pricing Group 35H

Can operate in cooling, heating or dehumidification modes to maximise comfort | Easy installation from within the room - patented folding grille system eliminates the need for external access | Everything needed to fit the unit is supplied apart from a drill and Ø155mm core cutter! | The electronic control system includes infrared remote control night function and automatic operation | Can be installed at high or low level for maximum flexibility and useable space | Economic and efficient, combining low power consumption when cooling with a high efficiency heating capacity | Digitemp uses a three speed fan including night mode for super-quiet operation | Factory sealed refrigerant system eliminates the need to connect hoses | Self-diagnostic programme for all maintenance requirements

<b>Cooling and Dehumidification</b>		
<b>Digitemp WA210</b>	<b>Ref. 91173AA</b>	<b>£1,550.07</b>
2.1kW (cooling)		
<b>Digitemp WA245</b>	<b>Ref. 92722AA</b>	<b>£1,595.66</b>
2.45kW (cooling)		
<b>Cooling, Heating and Dehumidification</b>		
<b>Digitemp WHP210</b>	<b>Ref. 91175AA</b>	<b>£1,595.66</b>
2.1kW (cooling) and 1.9kW (heating)		
<b>Digitemp WHP245</b>	<b>Ref. 92724AA</b>	<b>£1,732.42</b>
2.45kW (cooling) and 2.03kW (heating)		

# Xpelair WH30, WH60 & WHP30

## Commercial wall mounted fan heaters



### The Range

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 units suitable for the most demanding industrial environments.

### Key Features

- 3 models available (WHP30, WH30 & WH60)
- Commercial and industrial applications
- Complete with mounting brackets
- Incorporates thermal safety cut-out
- WHP30 & WH30 controlled by HC301 On/Off and thermostatic controller

Models

Pricing Group 34

**Xpelair WH30**
**Ref. 98392AC**
**£231.09**

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)

**Xpelair WH60**
**Ref. 00147AC**
**£320.69**

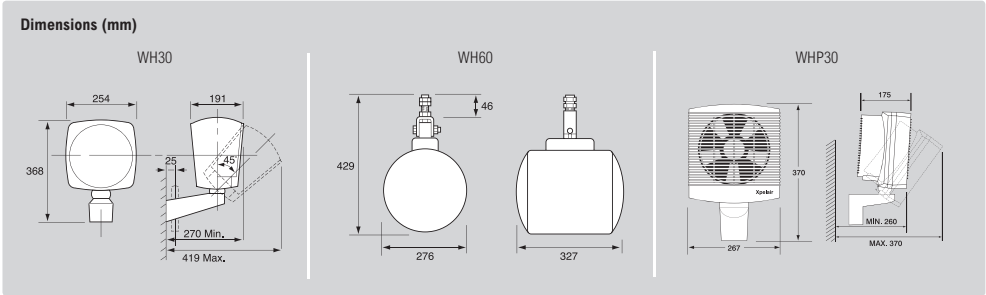
6kW industrial fan heater | Wall or ceiling mounting with multidirectional positioning - 180° horizontal swivel and 45° vertical tilt then locked in position | Suitable for single and three phase supplies | Operated by remote switch (not supplied)

**Xpelair WHP30**
**Ref. 89999AW**
**£231.09**

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)

Ancillaries

See pages 79-94



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
Guarantee (years, UK)	1	1	1



# Xpelair PlinthHeat & DCH3000A

Plinth heaters and Commercial wall heaters



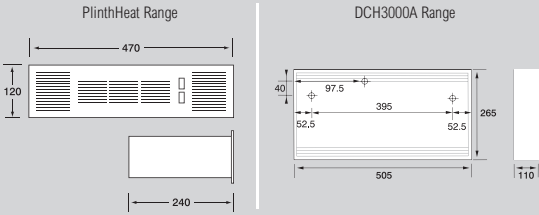
## The Range

Plinth heaters provide vital warmth to a cold floor and rapidly heat a room. The unit sits neatly in the plinth below a kitchen cupboard to provide an unobtrusive flow of warm air at floor level. Available with built-in manual switching or remote thermostat and switch, it can be wall mounted elsewhere in the room. Plinth heaters are available in three colours: white, brown and brushed stainless steel. The wall fitted DCH 3000A 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.

## Key Features

- Plinth heaters are available in 3 colours
- Integral or remote switching model options
- PlinthHeaters have the option of two heat settings
- DCH3000A has the option of three heat settings
- DCH3000A has a summer option and can be used as a circulation fan

### Dimensions (mm)



Product Selector	PlinthHeat BR	PlinthHeat WR	PlinthHeat SR	PlinthHeat B	PlinthHeat W	PlinthHeat S	DCH3000A
Reference number	91468AB	91467AW	91313AW	91466AB	91465AW	91312AW	90792AW
Integral Control				■	■	■	■
Remote Control	■	■	■				
Requires remote control kit 87100	■	■	■				
Electrical power (kW)	2	2	2	2	2	2	3
No. of heat settings	2	2	2	2	2	2	3
Phase							1
Air delivery (m³/h)	110	110	110	110	110	110	115
Air delivery (l/s)	28	28	28	28	28	28	32
Colour	brown	white	stainless steel	brown	white	stainless steel	
Weight (kg)	2.35	2.35	2.35	2.35	2.35	2.35	4.5
Guarantee (years, UK)	1	1	1	1	1	1	1

## Models Pricing Group 34

<b>PlinthHeat Remote control*</b> Finish: Ice white	Ref. 91467AW	£101.68
<b>PlinthHeat Remote control*</b> Finish: Conker brown	Ref. 91468AB	£101.68
<b>PlinthHeat Remote control*</b> Finish: Stainless steel	Ref. 91313AW	£101.68
<b>PlinthHeat Integral controls</b> Finish: Ice white	Ref. 91465AW	£83.62
<b>PlinthHeat Integral controls</b> Finish: Conker brown	Ref. 91466AB	£83.62
<b>PlinthHeat Integral controls</b> Finish: Stainless steel	Ref. 91312AW	£83.62

Available in a choice of models with integral controls or with remote thermostatic controls | 1kW and 2kW settings | Stitched 'black heat' element | Maintenance free motor with sealed for life bearings | Power 'on' indicator lamp | Automatic thermal cut-out for safety | Fits flush with standard plinths of 120mm and over | Crossflow blower | Available in ice white, conker brown and stainless steel finishes

**\*Requires remote thermostatic control kit consisting of wall mounted single stage variable thermostat, fused double pole switch, two gang box and cable wall clamp.**  
Ref. 87100 £54.04

**Xpelair DCH3000A** Ref. 90792AW £200.66  
3kW wall mounted heater with circulation fan | Three heat settings - 1kW, 2kW and 3kW adjustable EnergySaver temperature sensor control regulates heat output | Easy installation and simple operation

# Xpelair ScreenHeat

Over doorway warm air curtains



## Key Features

- Easily accessible control switches
- Two keyhole-slot brackets provided for fast installation
- Suitable for either vertical or horizontal installation
- Open coil heater elements supported by ceramic insulators

## The Range

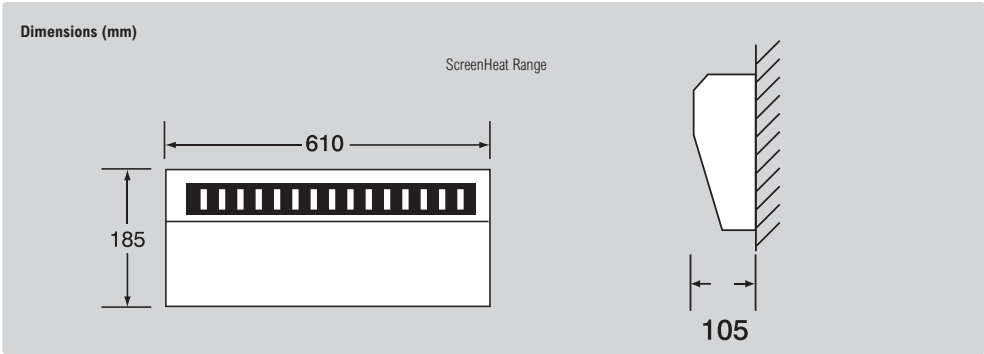
ScreenHeat range of fan powered doorway heaters provide the ideal solution for draught exclusion on external doors. When mounted on the inside of an external door, the ScreenHeat creates a 'hot air curtain' to prevent cold draughts entering a building. In summer, they can also be switched to run-only with the fan to form a barrier against incoming dust and provide a refreshing breeze. Suitable for a range of doorway applications in commercial premises such as shops, offices, workshops and stores, the ScreenHeat is designed for fast installation with two keyhole-slot brackets providing complete flexibility of adjustment from vertical to horizontal. Easily accessible switches allow the option to run the unit on fan only or at half or full heat output.

## Models Pricing Group 34

**ScreenHeat 3**      **Ref. 91469AW**      **£179.87**  
Doorway hot air curtain | Two heat outputs: 1.5kW, and 3kW | High volume throughput 250m³/h | Smooth running, shaded pole motor, with greased for life bearings and safety thermal overload protection | Heater element is of open coil design supported by ceramic insulators | The heater has a separate thermal cut-out | Integral switching for ease of installation | Zinc coated steel powder coated body | Two mounting brackets which can be fitted prior to main case | Brackets allow the unit to be rotated from vertical to horizontal | Tangential blower | White/ grey finish

**ScreenHeat 4.5**      **Ref. 91470AW**      **£205.49**  
Features over the ScreenHeat 3 | Two heat outputs - 2.25kW and 4.5kW

**Ancillaries**      See pages 79-94



Product Selector	ScreenHeat 3	ScreenHeat 4.5
Reference number	91469AW	91470AW
Integral Control	■	■
Electrical power (kW)	3	4.5
Number of heat settings	2 or fan only	2 or fan only
Air delivery (m³/h)	250	250
Air delivery (l/s)	69	69
Colour	white / grey	white / grey
Weight (kg)	5.44	5.44
Guarantee (years, UK)	1	1

# Xpelair Whispair

## Commercial ceiling fan range



### The Range

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

### Key Features

- Four sizes (900mm,1200mm, 1400mm & 1500mm Ø)
- 6 unit controller available (WAC6)
- Auto temperature 10 unit controller available
- Supplied with two down rods (375mm & 750mm)

### Models

### Pricing Group 35

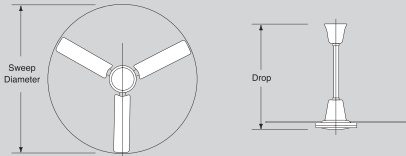
<b>NWAN36</b>	<b>Ref. 90409AW</b>	<b>£83.70</b>
900mm diameter sweep fan for cooling or destratification		
<b>NWAN48</b>	<b>Ref. 90410AW</b>	<b>£83.70</b>
1200mm diameter sweep fan for cooling or destratification		
<b>NWAN56</b>	<b>Ref. 90411AW</b>	<b>£83.70</b>
1400mm diameter sweep fan for cooling or destratification		
<b>NWAN60</b>	<b>Ref. 90412AW</b>	<b>£83.70</b>
1500mm diameter sweep fan for cooling or destratification		

Tip! For optimum performance of Xpelair Whispair choose a dedicated Xpelair controller.

### Ancillaries

See pages 79-94

Whispair Range



	Dimensions (mm)			
Model	NWAN 36	NWAN 48	NWAN 56	NWAN 60
Sweep Diameter	80	40	147	75
Overall Drop	All models, ceiling to bottom of fan: 375 or 750 (two down rods supplied)			

Product Selector	NWAN36	NWAN48	NWAN56	NWAN60
Reference number	90409AW	90410AW	90411AW	90412AW
Remote optional controllers available	■	■	■	■
Swept 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
Guarantee (years, UK)	2	2	2	2

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

# Xpelair Scimitar XPMS

## Sickle blade plate fans



### The Range

A range of sickle blade fans designed for a wide range of commercial and industrial ventilation applications. The blade design optimises airflow performance whilst minimising sound levels. The robust wall plate incorporates a bellmouth entry and four fixing points for simple installation.

For safety a roomside protective finger-guard is fitted as standard. The Scimitar range can be installed at any angle and is fully speed controllable. Plate mounted XPMS fans are supplied in Form A running.

### Key Features

- **Plate and bellmouth:** One piece galvanised steel pressing with corrosion resistant powder coat finish
- **Robust steel finger-guard**
- **Insulation is to class F 315mm are class B**
- **Fully speed controllable except XPMS315-12**
- **Protected to IP44**
- **Connection terminal box to IP54**
- **Suitable for ambient temperatures from -30°C to +60°C**
- **Supply voltage: 220 - 240v 50Hz**

Product Selector		XPMS315-12	XPMS315-14	XPMS355-14	XPMS400-14	XPMS450-14
Reference number		91526AA	91527AA	91529AA	91530AA	91532AA
Fan blade diameter (mm)		315	315	355	400	450
Number of poles		2	4	4	4	4
Nominal fan speed (rpm)		2800	1410	1365	1400	1400
Extract performance (m³/s)	0Pa	1.06	0.68	0.90	1.39	1.87
	25Pa	1.03	0.62	0.78	1.26	1.76
	50Pa	0.99	0.49	0.69	1.15	1.63
	75Pa	0.94	0.30	0.56	1.03	1.52
	100Pa	0.90			0.83	1.39
	125Pa	0.86			0.47	0.90
	150Pa	0.82				
	175Pa	0.78				
Sound pressure level (dB(A) @3m)		68	54	54	61	67
Max. electrical power rating (W)		360	120	180	300	470
Electrical current FLC (A)		1.58	0.56	0.78	1.35	2.20
Electrical current SC (A)		3.70	1.40	1.20	2.80	5.30
5 step-speed controller			91367AA	91367AA	91367AA	91367AA
Electronic speed controller			89903AA	89903AA	89903AA	89904AA
Guarantee (years)		2	2	2	2	2

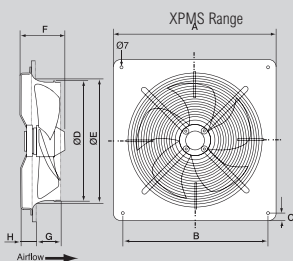
## Models

## Pricing Group 31H

<b>XPMS315-12</b> Ref. 91526AA Ø315mm Sickle blade plate fan (2 pole)	<b>£156.80</b>	<b>XPMS450-14</b> Ref. 91532AA Ø400mm Sickle blade plate fan (4 pole)	<b>£229.81</b>	<b>XPMS450-16</b> Ref. 91533AA Ø450mm Sickle blade plate fan (6 pole)	<b>£230.46</b>
<b>XPMS315-14</b> Ref. 91527AA Ø315mm Sickle blade plate fan (4 pole)	<b>£155.27</b>	<b>XPMS500-14</b> Ref. 91534AA Ø500mm Sickle blade plate fan (4 pole)	<b>£342.88</b>	<b>XPMS500-16</b> Ref. 91535AA Ø500mm Sickle blade plate fan (6 pole)	<b>£342.88</b>
<b>XPMS355-14</b> Ref. 91529AA Ø355mm Sickle blade plate fan (4 pole)	<b>£173.58</b>	<b>XPMS560-14</b> Ref. 91536AA Ø560mm Sickle blade plate fan (4 pole)	<b>£424.17</b>	<b>XPMS560-16</b> Ref. 91537AA Ø560mm Sickle blade plate fan (6 pole)	<b>£389.19</b>
<b>XPMS400-14</b> Ref. 91530AA Ø400mm Sickle blade plate fan (4 pole)	<b>£202.91</b>	<b>XPMS400-16</b> Ref. 91531AA Ø400mm Sickle blade plate fan (6 pole)	<b>£218.80</b>	<b>XPMS630-16</b> Ref. 91539AA Ø630mm Sickle blade plate fan (6 pole)	<b>£466.95</b>

## Ancillaries

See pages 79-94



Model	Dimensions (mm)						
	A	B	C	ØD	ØE	F	H
<b>XPMS315</b>	430	380	9	324	330	100	81
<b>XPMS355</b>	485	435	9	360	385	113	87
<b>XPMS400</b>	540	490	9	412	420	130	90
<b>XPMS450</b>	575	535	11	463	480	126	96
<b>XPMS500</b>	655	615	11	517	535	198	104
<b>XPMS560</b>	725	675	11	568	600	223	119
<b>XPMS630</b>	805	750	11	643	670	275	130

Product Selector	XPMS500-14	XPMS560-14	XPMS400-16	XPMS450-16	XPMS500-16	XPMS560-16	XPMS630-16
Reference number	91534AA	91536AA	91531AA	91533AA	91535AA	91537AA	91539AA
Fan blade diameter (mm)	500	560	400	450	500	560	630
Number of poles	4	4	6	6	6	6	6
Nominal fan speed (rpm)	1347	1300	940	980	850	940	870
Extract performance (m³/s)							
0Pa	2.31	3.15	0.91	1.31	1.55	2.28	2.78
25Pa	2.16	2.97	0.75	1.13	1.39	2.08	2.27
50Pa	2.05	2.77	0.47	0.89	1.11	1.85	1.67
75Pa	1.84	2.55				1.60	1.11
100Pa	1.67	2.30				1.18	
125Pa	1.44	2.01					
150Pa	1.00	1.72					
Sound pressure level (dB(A) @3m)	66	62	54	58	56	55	55
Max. electrical power rating (W)	953	1049	140	200	230	446	560
Electrical current FLC (A)	4.80	4.50	0.89	0.94	1.05	2.10	2.50
Electrical current SC (A)	5.90	6.50	0.90	1.50	1.65	4.50	4.70
5 step-speed controller	91369AA	91369AA	91367AA	91367AA	91367AA	91368AA	91368AA
Electronic speed controller				89903AA	89903AA	89904AA	89904AA
Guarantee (years)	2	2	2	2	2	2	2

# Xpelair Scimitar XSCS

## Sickle blade short case fans



### The Range

A range of sickle blade fans designed for a wide range of commercial and industrial ducted ventilation applications. The blade design optimises airflow performance whilst minimising sound levels. The robust short case is rolled and electro welded with rolled flanges.

Cased units are supplied in form B running with motor downstream. The Scimitar range can be installed at any angle and is fully speed controllable.

### Key Features

- **Casing: compact and robust construction with corrosion resistant powder coated finish**
- **Insulation is to class F**
- **Fully speed controllable**
- **Protected to IP44**
- **Connection terminal box to IP54**
- **Suitable for ambient temperatures from - 30°C to +60°C**
- **Supply voltage: 220-240V 50Hz**

Product Selector		XSCS315-12	XSCS315-14	XSCS355-14	XSCS400-14	XSCS450-14
Reference number		91570AA	91571AA	91573AA	91574AA	91576AA
Fan blade diameter (mm)		315	315	355	400	450
Number of poles		2	4	4	4	4
Nominal fan speed (rpm)		2800	1410	1365	1400	1400
Extract performance (m³/s)	0Pa	1.06	0.68	0.90	1.18	1.97
	25Pa	1.03	0.62	0.78	1.14	1.90
	50Pa	0.99	0.49	0.69	1.02	1.76
	75Pa	0.94	0.30	0.56	0.87	1.53
	100Pa	0.90			0.69	1.22
	125Pa	0.86				
	150Pa	0.82				
	175Pa	0.78				
Sound pressure level (dB(A) @3m)		63	49	54	59	60
Max. electrical power rating (W)		360	100	130	160	500
Electrical current FLC (A)		1.58	0.52	0.58	0.73	2.20
Electrical current SC (A)		3.70	1.40	1.40	2.00	4.50
5 step-speed controller			91367AA	91367AA	91367AA	91367AA
Electronic speed controller			89903AA	89903AA	89903AA	89904AA
Guarantee (years)		2	2	2	2	2

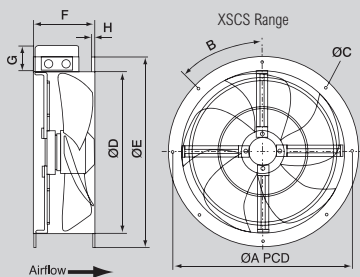
## Models

## Pricing Group 31H

<b>XSCS315-12</b> Ref. 91570AA Ø315mm Sickle blade short case fan	<b>£226.01</b>	<b>XSCS450-14</b> Ref. 91576AA Ø450mm Sickle blade short case fan	<b>£339.43</b>	<b>XSCS450-16</b> Ref. 91577AA Ø450mm Sickle blade short case fan	<b>£342.89</b>
<b>XSCS315-14</b> Ref. 91571AA Ø315mm Sickle blade short case fan	<b>£229.69</b>	<b>XSCS500-14</b> Ref. 91578AA Ø500mm Sickle blade short case fan	<b>£397.39</b>	<b>XSCS500-16</b> Ref. 91579AA Ø500mm Sickle blade short case fan	<b>£385.08</b>
<b>XSCS355-14</b> Ref. 91573AA Ø355mm Sickle blade short case fan	<b>£239.03</b>	<b>XSCS560-14</b> Ref. 91580AA Ø560mm Sickle blade short case fan	<b>£462.06</b>	<b>XSCS560-16</b> Ref. 91581AA Ø560mm Sickle blade short case fan	<b>£469.19</b>
<b>XSCS400-14</b> Ref. 91574AA Ø400mm Sickle blade short case fan	<b>£274.59</b>	<b>XSCS400-16</b> Ref. 91575AA Ø400mm Sickle blade short case fan	<b>£285.27</b>	<b>XSCS630-16</b> Ref. 91583AA Ø630mm Sickle blade short case fan	<b>£595.61</b>

## Ancillaries

See pages 79-94



Dimensions (mm)								
Model	A	B	C	ØD	ØE	F	G	H
<b>XSCS315</b>	366	8 x 45°	12	317	398	135	72	6
<b>XSCS355</b>	405	8 x 45°	12	356	438	135	72	6
<b>XSCS400</b>	448	12 x 30°	12	400	484	155	72	6
<b>XSCS450</b>	497	12 x 30°	12	451	534	160	72	6
<b>XSCS500</b>	551	12 x 30°	12	503	584	165	72	6
<b>XSCS560</b>	629	16 x 22.5°	14	559	664	210	72	6
<b>XSCS630</b>	698	16 x 22.5°	14	634	734	220	72	6

Product Selector	XSCS500-14	XSCS560-14	XSCS400-16	XSCS450-16	XSCS500-16	XSCS560-16	XSCS630-16
Reference number	91578AA	91580AA	91575AA	91577AA	91579AA	91581AA	91583AA
Fan blade diameter (mm)	500	560	400	450	500	560	630
No. poles	4	4	6	6	6	6	6
Nominal fan speed (rpm)	1347	1300	940	980	850	940	870
Extract performance (m³/s)							
0Pa	2.69	3.15	0.91	1.31	1.77	2.28	3.46
25Pa	2.57	2.97	0.75	1.13	1.61	2.08	3.19
50Pa	2.43	2.77	0.47	0.89	1.31	1.85	2.89
75Pa	2.22	2.55				1.60	2.43
100Pa	1.99	2.30				1.18	
125Pa	1.76	2.01					
150Pa		1.72					
Sound pressure level (dB(A) @3m)	61	57	49	53	51	55	55
Max. electrical power rating (W)	760	1010	140	200	340	440	770
Electrical current FLC (A)	3.30	4.60	0.62	0.92	1.65	1.96	3.50
Electrical current SC (A)	6.20	7.30	0.90	1.50	2.90	5.20	5.20
5 step-speed controller	91369AA	91369AA	91367AA	91367AA	91367AA	91368AA	91368AA
Electronic speed controller				89903AA	89903AA	89904AA	89904AA
Guarantee (years)	2	2	2	2	2	2	2

# Xpelair Rapier XPMa

## Plate mounted axial fans



### The Range

A range of cast aluminium aerofoil blade section plate fans which now extends from 315mm to 710mm. The range has also been extended to include 4 and 6 pole versions. Rapier plate fans are suitable for wall mounting and short duct in larger areas in commercial, agricultural and high performance industrial installations including kitchens, factories and warehouses.

The wall plate with bellmouth entry is manufactured in pressed steel with a corrosion resistant powder coated finish. For safety the front is protected by a robust finger-guard. All Xpelair Rapier fans are fully speed controllable.

### Key Features

- **Plate and bellmouth - one piece galvanised pressing with corrosion resistant two stage powder coated RAL 9005 finish**
- **Steel finger-guard to EN 294**
- **Fully speed controllable except XPMa 315-12**
- **Class F insulation**
- **Can be installed at any angle. Suitable for ambient temperatures of -30 to +60°C**
- **Supply 220-240V 50Hz**

Product Selector	XPMa315-12	XPMa315-14	XPMa400-14	XPMa450-14	XPMa500-14	XPMa400-16
Reference number	91540AA	91541AA	91545AA	91547AA	91049AA	91546AA
Fan blade diameter (mm)	315	315	400	450	500	400
Number of poles	2	4	4	4	4	6
Nominal fan speed (rpm)	2650	1400	1350	1370	1290	940
Extract performance (m³/s)						
0Pa	1.06	0.61	1.44	1.75	2.24	1.39
25Pa	1.02	0.57	1.33	1.64	2.12	0.81
50Pa	0.99	0.50	1.19	1.53	1.97	
75Pa	0.95	0.40	1.39	1.81		
100Pa	0.92			1.18	1.60	
125Pa	0.88				1.26	
150Pa	0.84					
175Pa	0.79					
Sound pressure level (dB(A) @3m)	61	48	58	58	60	48
Max. electrical power rating (W)	470	130	290	360	510	130
Electrical current FLC (A)	2.1	0.59	1.45	1.6	2.3	0.6
Electrical current SC (A)	6	1.5	2.4	3.6	4.3	1.4
5 step-speed controller		91367AA	91367AA	91368AA	91367AA	91367AA
Electronic speed controller						89903AA
Guarantee (years)	2	2	2	2	2	2



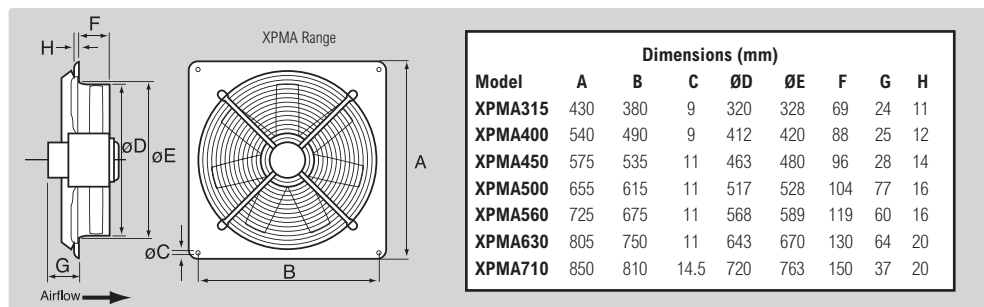
## Models

## Pricing Group 31H

<b>XPM315-12</b> Ref. 91540AA Ø315mm Plate mounted axial fan	<b>£281.18</b>	<b>XPM500-14</b> Ref. 91049AA Ø500mm Plate mounted axial fan	<b>£213.52</b>	<b>XPM560-16</b> Ref. 91551AA Ø560mm Plate mounted axial fan	<b>£342.95</b>
<b>XPM315-14</b> Ref. 91541AA Ø315mm Plate mounted axial fan	<b>£215.28</b>	<b>XPM400-16</b> Ref. 91546AA Ø400mm Plate mounted axial fan	<b>£187.40</b>	<b>XPM630-16</b> Ref. 91050AA Ø630mm Plate mounted axial fan	<b>£424.71</b>
<b>XPM400-14</b> Ref. 91545AA Ø400mm Plate mounted axial fan	<b>£174.20</b>	<b>XPM450-16</b> Ref. 91548AA Ø450mm Plate mounted axial fan	<b>£213.52</b>	<b>XPM710-16</b> Ref. 91553AA Ø710mm Plate mounted axial fan	<b>£757.89</b>
<b>XPM450-14</b> Ref. 91547AA Ø450mm Plate mounted axial fan	<b>£188.54</b>	<b>XPM500-16</b> Ref. 91549AA Ø500mm Plate mounted axial fan	<b>£308.68</b>		

## Ancillaries

See pages 79-94



Product Selector	XPM450-16	XPM500-16	XPM560-16	XPM630-16	XPM710-16
Reference number	91548AA	91549AA	91551AA	91050AA	91553AA
Fan blade diameter (mm)	450	500	560	630	710
No. poles	6	6	6	6	6
Nominal fan speed (rpm)	930	920	880	880	850
Extract performance (m³/s)					
0Pa	1.18	1.54	2.47	3.35	4.56
25Pa	1.04	1.35	2.22	3.08	4.31
50Pa	0.79	1.03	1.93	2.77	3.89
75Pa			1.50	2.34	3.47
100Pa					
125Pa					
150Pa					
175Pa					
Sound pressure level (dB(A) @3m)	49	54	55	59	61
Max. electrical power rating (W)	170	200	430	600	890
Electrical current FLC (A)	0.75	0.96	1.95	2.7	4.1
Electrical current SC (A)	1.5	2.7	4.6	5.3	8
5 step-speed controller	91367AA	91367AA	91368AA	91368AA	91369AA
Electronic speed controller	89903AA				
Guarantee (years)	2	2	2	2	2

# Xpelair Rapier XSCA

## Short case axial fans



### The Range

Xpelair XSCA is a high performance range of six compact and efficient industrial aerofoil axial cased fans featuring external rotor motors and high pressure axial blade impellers. Suitable for medium pressure, low noise ducted applications in commercial, agricultural and high performance industrial installations including kitchens, factories and warehouses. The casing is manufactured in galvanised steel with a corrosion resistant powder coated finish and the terminal box is IP54, making it suitable for external applications. All units are fully speed controllable.

### Key Features

- **Casing: compact and robust construction with corrosion resistant powder coated finish to RAL9005 - black**
- **Fully speed controllable**
- **Protected to IP54**
- **Suitable for ambient temperatures from -30°C to +60°C**
- **Supply voltage: 220 -240V 50Hz**

Product Selector	XSCA400-14	XSCA450-16	XSCA500-16	XSCA560-16	XSCA630-16	XSCA710-16
Reference number	91589AA	91592AA	91593AA	91594AA	91595AA	91597AA
Fan blade diameter (mm)	400	450	500	560	630	710
No. poles	4	6	6	6	6	6
Nominal fan speed (rpm)	1350	930	920	880	880	850
Extract performance						
0Pa	1.44	1.18	1.54	2.47	3.35	4.56
(m³/s)						
25Pa	1.33	1.04	1.35	2.22	3.08	4.31
50Pa	1.19	1.03	1.93	2.77	3.89	
75Pa			1.50	2.34	3.47	
100Pa						
125Pa						
150Pa						
175Pa						
Sound pressure level (dB(A) @3m)	58	49	54	55	59	61
Max. electrical power rating (W)	290	170	200	430	600	890
Electrical current FLC (A)	1.45	0.75	0.96	1.95	2.7	4.1
Electrical current SC (A)	2.4	1.5	2.7	4.6	5.3	8
5 step-speed controller	91367AA	91367AA	91367AA	91368AA	91368AA	91369AA
Electronic speed controller		89903AA				
Guarantee (years)	2	2	2	2	2	2

## Models

## Pricing Group 31H

**XSCA400-14**  
Ref. 91589AA  
Ø400mm Short case axial fan

£284.05

**XSCA500-16**  
Ref. 91593AA  
Ø500mm Short case axial fan

£364.19

**XSCA630-16**  
Ref. 91595AA  
Ø630mm Short case axial fan

£580.87

**XSCA450-16**  
Ref. 91592AA  
Ø450mm Short case axial fan

£323.82

**XSCA560-16**  
Ref. 91594AA  
Ø560mm Short case axial fan

£437.52

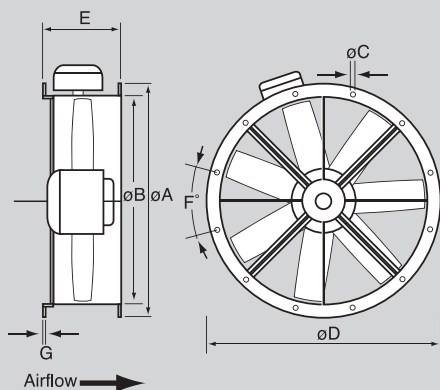
**XSCA710-16**  
Ref. 91597AA  
Ø710mm Short case axial fan

£843.54

### Ancillaries

See pages 79-94

XSCA Range



Dimensions (mm)

Model	A	B	C	ØD	ØE	F	G
<b>XSCA400</b>	466	400	9.5	438	155	12 x 30°	6
<b>XSCA450</b>	515	451	9.5	487	160	12 x 30°	6
<b>XSCA500</b>	567	503	9.5	541	165	12 x 30°	6
<b>XSCA560</b>	635	559	11.5	605	210	16 x 22.5°	8
<b>XSCA630</b>	707	634	11.5	674	220	16 x 22.5°	8
<b>XSCA710</b>	785	711	11.5	751	260	16 x 22.5°	10

# Xpelair Rapier XRA

## Axial roof fans



### The Range

The XRA is a versatile range of six compact and efficient industrial roof axial fans featuring external rotor motors and high pressure axial blade impellers. The fans are suitable for roof extract applications in commercial, agricultural and high performance industrial installations including kitchens, factories, garages and warehouses.

The cowl and base assemblies are made of tough and durable polymer that will resist exposure to ultraviolet light. The plate, bellmouth entry and finger-guard are manufactured in galvanised steel with a corrosion resistant powder coated finish and each of the units is fully speed controllable, except for XRA 315-12.

### Key Features

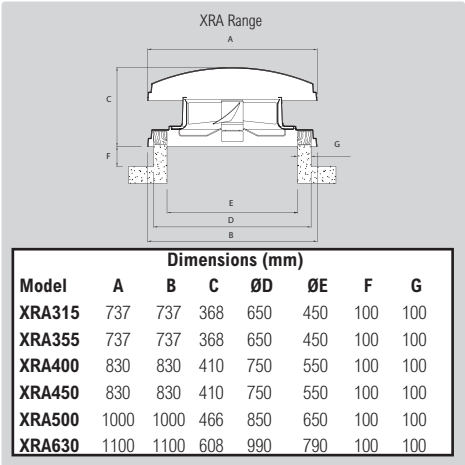
- Manufactured from fibreglass with a gloss UV
- Colour - goose wing grey
- Complete with integral bird-guard
- Plate and bellmouth: one piece galvanised steel pressing with corrosion resistant powder coat finish
- Fully speed controllable except XRA315-12
- Connection terminal box IPX4
- Suitable for ambient temperatures from - 30°C to +60°C
- Supply voltage: 220-240V 50Hz

### Models Pricing Group 31H

<b>XRA315-12</b>	<b>Ref. 91997AA</b>	<b>£459.58</b>
Ø315mm Plate mounted axial fan & roof cowl		
<b>XRA355-14</b>	<b>Ref. 91998AA</b>	<b>£456.77</b>
Ø355mm Plate mounted axial fan & roof cowl		
<b>XRA400-14</b>	<b>Ref. 91999AA</b>	<b>£529.15</b>
Ø400mm Plate mounted axial fan & roof cowl		
<b>XRA450-14</b>	<b>Ref. 92000AA</b>	<b>£555.98</b>
Ø450mm Plate mounted axial fan & roof cowl		
<b>XRA500-16</b>	<b>Ref. 92001AA</b>	<b>£673.25</b>
Ø500mm Plate mounted axial fan & roof cowl		
<b>XRA630-16</b>	<b>Ref. 91340AA</b>	<b>£902.38</b>
630mm Plate mounted axial fan & roof cowl		

### Ancillaries

See pages 79-94



Product Selector	XRA315-12	XRA355-14	XRA400-14	XRA450-14	XRA500-16	XRA630-16
Reference number	91997AA	91998AA	91999AA	92000AA	92001AA	91340AA
Fan blade diameter (mm)	315	350	400	450	500	630
No. poles	2	4	4	4	6	6
Nominal fan speed (rpm)	2650	1330	1350	1370	880	880
Extract performance (m³/s)						
0Pa	1.00	0.86	1.33	1.56	1.39	3.16
25Pa	0.96	0.75	1.18	1.48	1.18	2.71
50Pa	0.93		1.03	1.36		2.40
75Pa	0.90			1.19		
100Pa	0.88					
125Pa	0.84					
Sound pressure level (dB(A)@3m)	61	53	58	58	54	59
Max. electrical power rating (kW)	0.13	0.19	0.29	0.36	0.2	0.6
Electrical current FLC (A)	2.1	0.84	1.45	1.6	0.96	2.7
Electrical current SC (A)	6	1.45	2.4	3.6	2.7	5.3
5 step-speed controller		91367AA	91367AA	91368AA	91367AA	91368AA
Electronic speed controller		89903AA				
Includes XRC roof cowl	■	■	■	■	■	■
Guarantee (years, UK)	2	2	2	2	2	2

## Xpelair XMV

### Mixed flow vertical discharge roof fans



#### The Range

The Xpelair roof mounted mixed flow vertical discharge XMV range is an ideal solution for the ventilation of high temperature applications up to 100°C, such as commercial kitchens, in-store bakeries, school kiln rooms and a wide range of industrial processes.

Designed for horizontal installation on roofs, the XMV range features a unique high performance aluminium-polyamide mixed flow impellor and twin-wall casing design. This construction and a motor located out of the air-stream means it can be used with air-duct temperatures of up to 100°C. The XMV range is available in six diameters from 225mm to 500mm all with IP55 Class F motors, safety thermal overload protection and an integral service isolator. The mouldings are manufactured in high density polyethylene which is UV stabilised.

#### Key Features

- **Class 'F' motor insulation**
- **Complete with an integral service isolator**
- **Five sizes available (225mm-450mmØ)**
- **Suitable for ambient temperatures from -30°C to +100°C**
- **100% recyclable cowl and base**

Product Selector		<b>XMV225-14</b>	<b>XMV250-14</b>	<b>XMV315-14</b>	<b>XMV400-14</b>	<b>XMV225-16</b>	<b>XMV250-16</b>
Reference number		91346AW	91347AW	91348AW	91349AW	91356AW	91357AW
Diameter (mm)		225	250	315	400	225	250
4 or 6 pole		4	4	4	4	6	6
Nominal fan speed		1400	1400	1400	1400	900	900
Extract performance (m³/s)	0Pa	0.53	0.83	1.25	1.48	0.35	0.53
	50Pa	0.46	0.76	1.18	1.44	0.26	0.46
	100Pa	0.41	0.69	1.11	1.34	0.11	0.30
	150Pa	0.32	0.62	1.00	1.16		
	200Pa	0.20	0.53	0.89	1.07		
	250Pa		0.39	0.69	0.90		
	300Pa		0.14	0.55	0.75		
	350Pa			0.21	0.56		
	400Pa				0.27		
Sound pressure level dB(A)@3m)		48	52	56	58	48	52
Max. electrical power (kW)		0.09	0.18	0.37	0.55	0.09	0.18
Running current (A)		0.8	1.8	2.6	3.4	0.34	0.63
5 step transformer		91367AA	91368AA	91368AA	91369AA	91367AA	91367AA
Starter (Ref.)		91372AA	91372AA	91372AA	91372AA	91372AA	91372AA
Weight (kg)		12	15	18	21	12	15
Guarantee (years, UK)		2	2	2	2	2	2

### Mixed flow vertical discharge roof fans

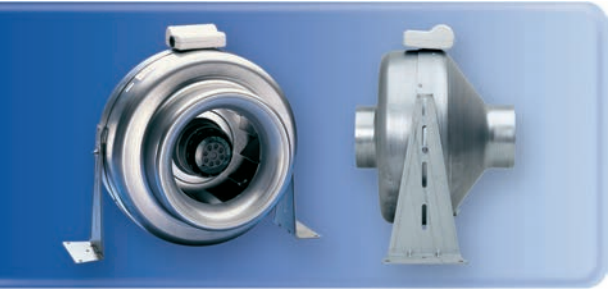
**Ancillaries** See pages 79-94



Product Selector	XMV315-16	XMV400-16	XMV450-16
Reference number	91358AW	91359AW	91360AW
Diameter (mm)	315	400	450
4 or 6 pole	6	6	6
Nominal fan speed (rpm)	900	900	900
Extract performance (m³/s)			
0Pa	0.79	0.98	1.55
50Pa	0.68	0.89	1.43
100Pa	0.47	0.72	1.25
150Pa		0.50	1.06
200Pa		0.40	0.83
250Pa			0.46
300Pa			
350Pa			
400Pa			
450Pa			
500Pa			
Sound pressure level (dB(A) @3m)	56	58	60
Max. electrical power rating (W)	0.37	0.55	1.1
Running current (A)	1.1	1.5	2.6
5 step transformer	91367AA	91368AA	91368AA
Starter (Ref.)	91372AA	91372AA	91372AA
Weight (kg)	18	21	26
Guarantee (years)	2	2	2

# Xpelair XID

## Centrifugal metal inline fans

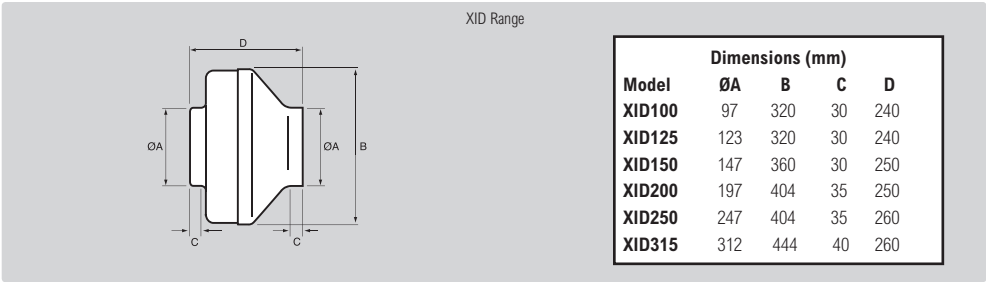


### The Range

The XID inline range is manufactured in zinc coated corrosion resistant sheet metal with 30mm long spigot connections for ease of connection to ductwork. The practical, reliable fans are ideal for ducted applications in shops, schools, factories, offices, pubs, hotels, restaurants and kitchens. They are available in 100-315mm duct size diameters to suit any application. The fan unit is speed controllable to offer flexibility and individual control.

### Key Features

- Compact and robust zintec steel construction
- Can be mounted at any angle
- Universal mounting bracket supplied
- Insulation Class F. Fitted with safety thermal overload protection - protected to IPX2
- Supply voltage: 220-240V 50Hz



Product Selector	XID100	XID125	XID150	XID200	XID250	XID315
Reference number	90101AA	90102AA	90103AA	90104AA	90208AA	90106AA
Spigot diameter (mm)	97	123	147	197	247	312
Extract performance (m³/s)	0Pa0.08	0.11	0.17	0.29	0.34	0.46
	100Pa0.06	0.09	0.12	0.23	0.29	0.41
	200Pa0.04	0.06	0.07	0.17	0.24	0.35
	300Pa0.01	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 (dB(A)@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
Guarantee (years, UK)	3	3	3	3	3	3

# Xpelair XIDP

Centrifugal plastic inline fans



## The Range

The XIDP range of centrifugal inline fans provide the ideal ventilation solution for many exposed and high humidity applications. 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.

## Key Features

- Compact and robust polymer construction with integral terminal box and guide-vanes
- Can be mounted at any angle using the universal mounting bracket supplied
- Impellor is backward curved centrifugal type
- Supply voltage: 220-240V 50Hz
- IPX2 rated

## Models Pricing Group 31J

<b>XIDP100</b> Plastic inline fan (Ø100mm duct)	Ref. 91383AA	<b>£94.86</b>
<b>XIDP125</b> Plastic inline fan (Ø125mm duct)	Ref. 91384AA	<b>£98.20</b>
<b>XIDP150</b> Plastic inline fan (Ø150mm duct)	Ref. 91385AA	<b>£104.87</b>
<b>XIDP200</b> Plastic inline fan (Ø200mm duct)	Ref. 91386AA	<b>£119.61</b>
<b>XIDP250</b> Plastic inline fan (Ø250mm duct)	Ref. 91387AA	<b>£141.04</b>
<b>XIDP315</b> Plastic inline fan (Ø315mm duct)	Ref. 91388AA	<b>£183.75</b>

Ancillaries See pages 79-94

XIDP Range

Diagram illustrating the dimensions of the XIDP Range centrifugal plastic inline fans. The drawing shows a side view of the fan with labels for dimensions: D (total length), B (height), ØA (duct diameter), and C (mounting foot width).

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

Product Selector		XIDP100	XIDP125	XIDP150	XIDP200	XIDP250	XIDP315-16
Reference number		91383AA	91384AA	91385AA	91386AA	91387AA	91388AA
Spigot diameter (mm)		99	124	149	199	249	314
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 (dB(A)@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
Guarantee (years, UK)		3	3	3	3	3	3



# Xpelair Xpress XPRS

## Centrifugal metal inline fans



### The Range

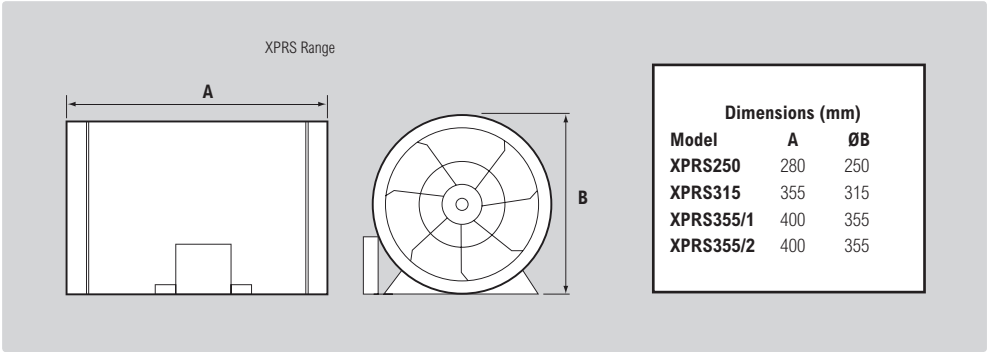
The Xpress range redefines inline fan performance to provide ultra high pressure development, volume and efficiency allowing smaller ductwork to be used than conventional inline fans. The air management is so efficient that air turbulence noise and vibration associated with centrifugal inline fans is virtually eliminated. This impressive performance means that smaller ducts can be chosen with an energy use lower than most DC fans of the same performance. Xpress is no bigger in diameter than the ductwork in which it is mounted. No flanges are required; simply flexible connections. It comes with its own mounting foot which is factory fitted to eliminate on-site assembly.

### Key Features

- High pressure inline mixed flow fans
- Steel housing with bellmouth entry
- Voltage speed controllable

Models	Pricing Group 31H	
<b>XPRS250</b> Ø250mm High pressure mixed flow inline duct fan	<b>Ref. 91498AA</b>	<b>£235.06</b>
<b>XPRS315</b> Ø315mm High pressure mixed flow inline duct fan	<b>Ref. 91499AA</b>	<b>£603.73</b>
<b>XPRS355</b> Ø355mm High pressure mixed flow inline duct fan	<b>Ref. 91500AA</b>	<b>£486.54</b>
<b>XPRS355+</b> Ø355mm High pressure mixed flow inline duct fan	<b>Ref. 91501AA</b>	<b>£703.95</b>

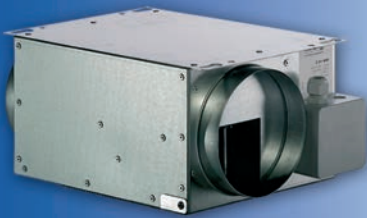
**Ancillaries** See pages 79-94



Product Selector	XPRS250	XPRS315	XPRS355	XPRS355+
Reference number	91498AA	91499AA	91500AA	91501AA
Extract performance (m³/s)	0Pa	0.49	0.99	1.36
	100Pa	0.44	0.93	1.31
	200Pa	0.38	0.88	1.25
	300Pa	0.13	0.79	1.14
	400Pa		0.63	1.04
	500Pa		0.20	0.90
	600Pa		0.11	0.41
	700Pa			0.18
Casing break out (dB(A)@3m)	35	43	32	50
Motor electrical power (W)	190	520	145	990
Electrical current FLC (A)	0.9	2.5	0.7	4.6
5 step transformer speed controller	91367AA	31968AA	91367AA	91369AA
Guarantee (years)	2	2	2	2
Fan (rpm)	2890	2860	1460	2840
Weight (kg)	6.7	14.3	17.1	13.5

# Xpelair MinimX C XCDF

Compact inline duct fans



## The Range

The Xpelair MinimX range of inline fans reduces the product height to a minimum, providing system design flexibility and easier installation. The MinimX range features fully speed controllable two pole external rotor motors for use with matching speed controllers and auto sensor control options are available. For ease of service inspection and cleaning the motor/fan unit swings out on a hinged access door. The housing has integrated mounting flanges with keyhole 'first-fit' slots and an accessible terminal box for fast assembly and wiring.

## Key Features

- Pressure developing low profile inline fans
- Hinged door for inspection/service access
- Integral mounting flanges with first-fit keyhole slots
- Terminal box with cable entry gland rated IP44

## Models

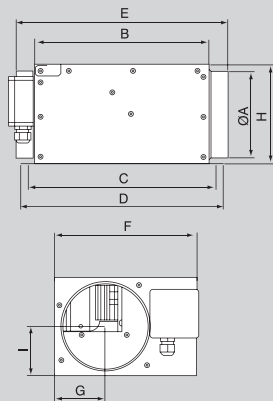
## Pricing Group 31H

<b>XCDF100</b> Ø100mm Compact inline duct fan	<b>Ref. 91502AA</b>	<b>£137.16</b>
<b>XCDF125</b> Ø125mm Compact inline duct fan	<b>Ref. 91503AA</b>	<b>£137.16</b>
<b>XCDF150</b> Ø150mm Compact inline duct fan	<b>Ref. 91504AA</b>	<b>£139.58</b>
<b>XCDF250</b> Ø250mm Compact inline duct fan	<b>Ref. 91506AA</b>	<b>£237.70</b>
<b>XCDF315</b> Ø315mm Compact inline duct fan	<b>Ref. 91507AA</b>	<b>£289.85</b>

## Ancillaries

See pages 79-94

XCDF Range

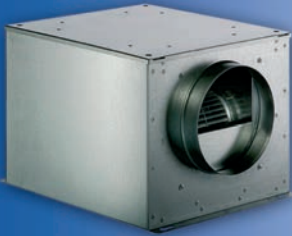


Dimensions (mm)									
Model	ØA	B	C	D	E	F	G	H	I
<b>XCDF100</b>	100	300	324	348	350	248	72	170	110
<b>XCDF125</b>	125	300	324	348	350	248	79	170	98
<b>XCDF150</b>	150	300	324	348	364	248	89	170	85
<b>XCDF250</b>	250	400	424	448	478	350	141	280	140
<b>XCDF315</b>	315	400	424	448	478	400	174	345	173

Product Selector	XCDF100	XCDF125	XCDF150	XCDF250	XCDF315
Reference number	91502AA	91503AA	91504AA	91506AA	91507AA
Extract performance (m³/s)	0.08	0.084	0.09	0.27	0.43
Sound power level (dB(A)@3m)	35	41	42	541	51
Breakout (dB(A)@3m)	29	29	29	37	39
Motor electrical power (W)	90	95	95	190	290
Electrical current SC (A)	0.5	0.5	0.5	0.9	1.3
5 step transformer speed controller	91367AA	91367AA	91367AA	91367AA	91367AA
Electronic speed controller	89903AA	89903AA	89903AA	89903AA	89904AA
Guarantee (years, UK)	2	2	2	2	2

# Xpelair LoSound C LQTC

## Attenuated inline fans



### The Range

The LoSound range of attenuated inline fans consists of six models for use in ducted applications where high performance and low sound levels are required. Suitable for commercial and industrial applications such as schools, shops, offices, pubs and restaurants, the compact design allows easy installation above suspended ceilings or floor voids using the mounting points provided. The high performance, low noise level motor combined with a cabinet lined on four sides with 40mm sound absorbent material makes the LoSound range particularly suitable where low sound operating levels are necessary.

### Key Features

- Galvanised sheet metal casing
- Integral keyhole fixing points
- The casing is lined on four sides with 40mm faced attenuation material
- Maintenance free sealed for life motor bearings
- Integral thermal overload protection
- A 3m three core flexible cord is provided with the unit

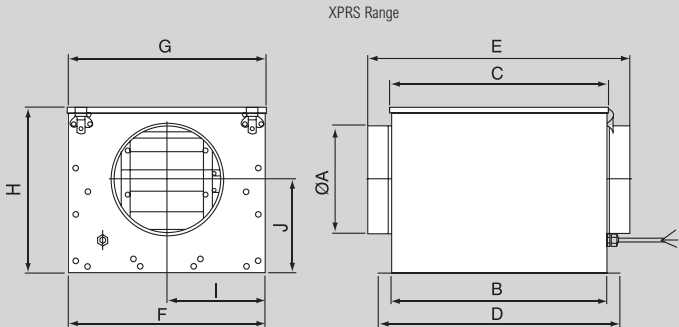
### Models

### Pricing Group 31H

<b>LQTC150</b> Ø150mm Attenuated inline fan	Ref. 91990AA	<b>£219.51</b>
<b>LQTC250</b> Ø250mm Attenuated inline fan	Ref. 91992AA	<b>£329.32</b>
<b>LQTC315</b> Ø315mm Attenuated inline fan	Ref. 91993AA	<b>£481.14</b>
<b>LQTC355</b> Ø125mm Attenuated inline fan	Ref. 91994AA	<b>£738.68</b>

### Ancillaries

See pages 79-94



Dimensions (mm)										
Model	ØA	B	C	D	E	F	G	H	I	J
<b>LQTC150</b>	150	400	406	448	464	365	368	247	126	154
<b>LQTC250</b>	250	400	406	448	494	468	471	322	234	173
<b>LQTC315</b>	315	450	456	498	528	540	543	397	270	206
<b>LQTC355</b>	355	600	606	648	678	600	603	467	236	268

Product Selector	LQTC150	LQTC250	LQTC315	LQTC355
Reference number	91990AA	91992AA	91993AA	91994AA
Extract performance (m³/s)	0.11	0.31	0.48	0.69
Sound pressure level (dB(A)@3m)	32	39	42	48
Sound breakout (dB(A)@3m)	27	22	32	41
Motor electrical power (W)	100	275	550	880
Electrical current SC (A)	0.5	1.3	2.5	4.2
5 step transformer speed controller	91367AA	91367AA	91368AA	91369AA
Guarantee (years, UK)	2	2	2	2

# Xpelair CubeX CMAX CBXC

Versatile attenuated inline fans



### The Range

The Xpelair CubeX CMAX range provides a flexible solution where higher general ventilation duties are required in offices, public and leisure commercial buildings and industrial applications. They feature high performance backward curved inline fans in a sound attenuation and robust steel housings.

CubeX inline fans are available in four model sizes and with spigot sizes ranging from 315mm to 450mm. Each model is available with a choice of two spigot sizes with easily interchangeable blanking and spigoted outlet panels to give design flexibility and on site positioning, even in the corner of a room.

### Key Features

- Rigid frameless sheet metal construction
- Galvanised double skin casing with 40mm insulation
- Includes condensation drain facility
- 220 - 240V single phase

### Models

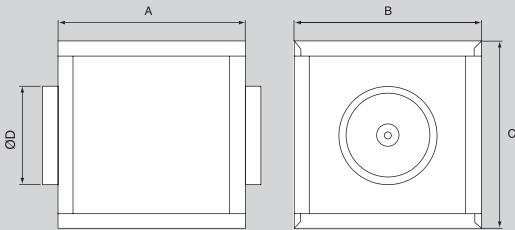
### Pricing Group 31H

<b>CBXC280S315</b> Ø315mm Versatile attenuated inline fan	Ref. 91508AA	<b>£833.94</b>
<b>CBXC280S355</b> Ø355mm Versatile attenuated inline fan	Ref. 91509AA	<b>£833.94</b>
<b>CBXC315S315</b> Ø315mm Versatile attenuated inline fan	Ref. 91510AA	<b>£855.10</b>
<b>CBXC315S355</b> Ø355mm Versatile attenuated inline fan	Ref. 91512AA	<b>£855.10</b>
<b>CBXC355S315</b> Ø315mm Versatile attenuated inline fan	Ref. 91513AA	<b>£896.45</b>
<b>CBXC355S355</b> Ø355mm Versatile attenuated inline fan	Ref. 91514AA	<b>£896.45</b>
<b>CBXC400S400</b> Ø400mm Versatile attenuated inline fan	Ref. 91515AA	<b>£1,040.21</b>
<b>CBXC400S450</b> Ø450mm Versatile attenuated inline fan	Ref. 91516AA	<b>£1,102.17</b>

### Ancillaries

See pages 79-94

CubeX Range



### Dimensions (mm)

Model	A	B	C	ØD
<b>CBXC280S315</b>	500	500	500	315
<b>CBXC280S355</b>	500	500	500	355
<b>CBXC315S315</b>	500	500	500	315
<b>CBXC315S355</b>	500	500	500	355
<b>CBXC355S315</b>	500	500	500	315
<b>CBXC355S355</b>	500	500	500	355
<b>CBXC400S400</b>	700	700	700	400
<b>CBXC400S450</b>	700	700	700	450

Product Selector	CBXC280S315	CBXC280S355	CBXC315S315	CBXC315S355	CBXC355S315	CBXC355S355	CBXC400S400	CBXC400S450
Reference number	91508AA	91509AA	91510AA	91512AA	91513AA	91514AA	91515AA	91516AA
Spigot size (mm)	315	355	315	355	315	355	400	450
Extract performance (m³/s)	0.70	0.74	0.98	1.01	0.65	0.68	1.11	1.13
Sound pressure level (dB(A)@3m)	58	58	64	64	51	51	55	55
Max. electrical power rating (W)	660	680	950	920	280	280	570	560
Electrical current SC (A)	3.5	4.0	4.9	4.8	1.4	1.4	3.2	3.2
Electrical current FLC (dB(A)@3m)	3.2	3.3	4.2	4.1	1.3	1.3	3.0	3.1
	43	43	n/a	n/a	n/a	n/a	n/a	n/a
5 step transformer speed controller	91369AA	91369AA	91369AA	91369AA	91367AA	91367AA	91368AA	91368AA
Guarantee (years, UK)	2	2	2	2	2	2	2	2
Insulation Class F	■	■	■	■	■	■	■	■

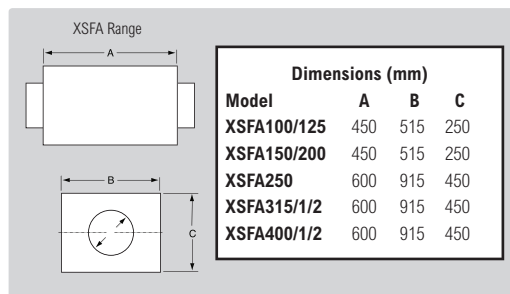
# Xpelair HiFlo CMAX XSFA

## Attenuated inline fans



### The Range

The Xpelair HiFlo XSFA range of attenuated inline fans is a nine model line up of fans for use in ducting applications where high performance and low sound levels are required. Suitable for light commercial and industrial applications such as schools, shops, sports complexes, offices, pubs and restaurants, the compact design of the range allows the fans to easily be accommodated above a suspended ceiling or floor void using the mounting points provided. The high performance, low noise level motor, combined with a cabinet lined with fire rated sound absorbing material makes XSFA units particularly suitable where low sound operating levels are critical.



### Key Features

- Low sound operation levels
- Sound absorbent material, Class 'O' fire rated
- Seven sizes available (100mm-400mm Ø)
- The range is fully speed controllable
- Suitable for ambient temperatures -30°C to +50°C

### Models

### Pricing Group 31H

<b>XSFA100</b>	<b>Ref. 91389AA</b>	<b>£315.32</b>
Single inlet cabinet fan (Ø100mm spigot)		
<b>XSFA125</b>	<b>Ref. 91390AA</b>	<b>£326.34</b>
Single inlet cabinet fan (Ø125mm spigot)		
<b>XSFA150</b>	<b>Ref. 91391AA</b>	<b>£339.46</b>
Single inlet cabinet fan (Ø150mm spigot)		
<b>XSFA200</b>	<b>Ref. 91392AA</b>	<b>£349.72</b>
Single inlet cabinet fan (Ø200mm spigot)		
<b>XSFA250</b>	<b>Ref. 91393AA</b>	<b>£484.77</b>
Single inlet cabinet fan (Ø250mm spigot)		
<b>XSFA315/1</b>	<b>Ref. 91394AA</b>	<b>£516.31</b>
Single inlet cabinet fan (Ø315mm spigot)		
<b>XSFA315/2</b>	<b>Ref. 91395AA</b>	<b>£548.94</b>
Single inlet cabinet fan (Ø315mm spigot) Plus		
<b>XSFA400/1</b>	<b>Ref. 91396AA</b>	<b>£607.26</b>
Single inlet cabinet fan (Ø400mm spigot)		
<b>XSFA400/2</b>	<b>Ref. 91397AA</b>	<b>£665.58</b>
Single inlet cabinet fan (Ø400mm spigot) Plus		

### Ancillaries

See pages 79-94

Product Selector	XSFA100	XSFA125	XSFA150	XSFA200	XSFA250	XSFA315/1	XSFA315/2	XSFA400/1	XSFA400/2
Reference number	91389AA	91390AA	91391AA	91392AA	91393AA	91394AA	91395AA	91396AA	91397AA
Spigot diameter (mm)	100	125	150	200	250	315	315	400	400
Extract performance (m³/s)	0Pa	0.07	0.13	0.19	0.24	0.54	0.56	0.70	1.05
	50Pa	0.07	0.12	0.19	0.23	0.51	0.53	0.68	1.02
	100Pa	0.06	0.12	0.18	0.21	0.46	0.49	0.66	0.99
	150Pa	0.06	0.11	0.17	0.19	0.40	0.43	0.64	0.95
	200Pa	0.05	0.11	0.16	0.18	0.30	0.33	0.60	0.91
	250Pa	0.05	0.10	0.14	0.15	0.03	0.03	0.56	0.85
	300Pa	0.04	0.08	0.11	0.12			0.47	0.75
	350Pa		0.05	0.07	0.07			0.17	0.58
	400Pa		0.00	0.01	0.01				0.01
Nominal fan speed (rpm)	2150	1150	1150	1150	1300	1300	1100	1100	1210
Sound pressure level (dB(A)@3m)	41	32	33	34	40	41	42	44	51
Motor electrical power (W)	88	195	195	195	360	360	700	700	1240
Electrical current FLC (A)	0.4	1	1	1	1.6	1.6	3	3	6
Electrical current SC (A)	1	3	3	3	4.5	4.5	7.5	7.5	16
Motor insulation class	B	B	B	B	F	F	B	B	F
Weight (kg)	14	14	15	15	26	32	35	40	45
5 step transformer speed controller	91376AA	91367AA	91367AA	91367AA	91368AA	91368AA	91368AA	91368AA	91370AA
Guarantee (years, UK)	2	2	2	2	2	2	2	2	2

# Xpelair ManCoolers

## Commercial and industrial cooling fans



### The Range

Xpelair ManCoolers can fulfill a wide range of duties in industry and the public sector. An effective and reliable answer where even large quantities of air is required quickly, the ManCooler range comes complete with its own robust stand and is easy and quick to set up. The adjust-and-lock head allows the units to be tilted for maximum benefit. The ManCooler range of commercial and industrial air coolers are ideal for use in areas such as factory assembly lines, steelworks, factory moulding areas, hospitality marquees, and general movement applications in large areas. For more permanent applications, or where floor space is at a premium the Xpelair Trapeze model is ideal for suspension at high level. Trapeze units are also ideal for reaching unventilated corners of otherwise still air on large sites, or forcing hot air to ground level.

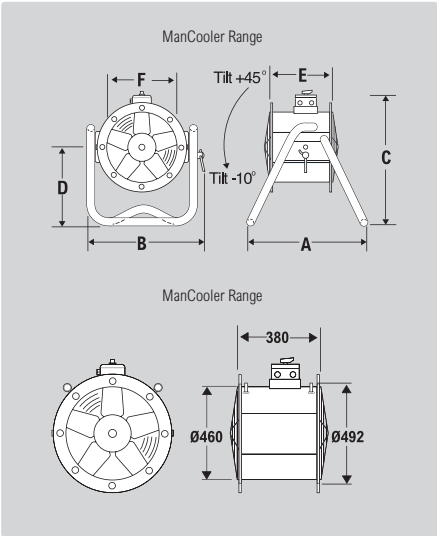
### Key Features

- Rigid frameless sheet metal construction
- Galvanised double skin casing with 40mm insulation
- Includes condensation drain facility
- 220 - 240V single phase

Model	Dimensions (mm)					
	A	B	C	D	E	F
MC350	415	489	736	420	230	355
MC400	450	596	775	481	320	410
MC400110V	450	596	775	481	320	410
MC450	453	596	795	481	360	460
MC560	522	726	945	594	400	560

Models	Pricing Group 31H	
<b>MC350</b> ManCooler Ø350mm	Ref. 91408AA	£571.03
<b>MC400</b> ManCooler Ø400mm	Ref. 91409AA	£704.71
<b>MC400 110V</b> ManCooler Ø400mm (110V)	Ref. 92309AA	£924.21
<b>MC450</b> ManCooler Ø450mm	Ref. 91410AA	£917.27
<b>MC560</b> ManCooler Ø560mm	Ref. 91411AA	£1,149.77
<b>Trapeze TP450</b> Trapeze Ø450mm	Ref. 91412AA	£756.13

Ancillaries See pages 79-94



Product Selector	MC350	MC400	MC400 110V	MC450	MC560	TP450
Reference number	91408AA	91409AA	92309AA	91410AA	91411AA	91412AA
Fan diameter (mm)	355	410	410	460	560	460
Extract performance (FID, m³/s)	0.86	1.42	1.42	1.97	3.06	1.44
Nominal fan speed (rpm)	1440	1450	1380	1375	1375	950
Sound pressure level (dB(A)@3m)	59	64	64	68	72	57
Voltage (V)	230	230	110	230	230	230
Electrical power rating (W)	120	250	550	370	550	250
Electrical current FLC (A)	0.67	1.90	4.60	3.10	4.40	1.50
Weight (kg)	12	19	19	22	27	14
Guarantee (years, UK)	1	1	1	1	1	1

# Xpelair Sensors and Switches

## Models

## Pricing Group 32



**Xplus X3SC**  
Ref. 91457AA  
£61.21

3 speed control switch suitable for Xplus 2 models



**Xplus X3RF**  
Ref. 91471AA  
£115.86

3 speed RF control unit suitable for Xplus 2 models



**Xcell X3SS**  
Ref. 91266AW  
£92.38

3 speed selector switch for low (night-time), medium (day-time) and high (boost setting)



**Change Over Switch**  
**COS**  
Ref. 90108AW  
£19.84

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



**Manual Override**  
**Switch MOS**  
Ref. 90199AW  
£20.58

Switch 1:high/low speed | Switch2: On/Off (or Off/tricklevent 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



**Timer and Boost**  
**Switch TBS**  
Ref. 90202AW  
£21.33

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



**Remote Humidistat**  
**XRH**  
Ref. 21856AW  
£64.61

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, Premier DX180, DX200, DX400, DX100, XIL, CMF, CX10, GX6 | w160 x h86 x d45 mm | Amp inductive load 2A @ 240V AC



**Time Delay Controller**  
**DT20B**  
Ref. 21850AW  
£43.22

Usually connected to the lighting circuit | Fan switches On with the light. Provides continued ventilation run-on period after the light has been switched off | User adjustable up to 20 min | 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, Premier DX180, DX200, DX400, DX100, XIL, CMF, CX10, LoVolt DX100 | w100 x h86 x d45mm | Delay timer period 30 secs - 20 mins | Amp inductive load 2.5A @ 240V AC



**Passive Infrared**  
**XPIRA Sensor**  
Ref. 21871AA  
£76.66

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 HC301

£71.50

**Ref. 21877AW**

On/Off switch | Fan only/fan and heater options | Variable thermostatic control | Suitable for surface or recess installation | Colour: white | Use with WH30 and WHP30 | w210 x h86 x d41mm



### Air Quality Sensor AQS

£47.19

**Ref. 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



### LoVolt Remote Humidistat LVH

£69.52

**Ref. 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 CF20, LoVolt DX100 | w160 x h86 x d45 mm



### Single Fan Controller FR22/30

£69.64

**Ref. 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

£92.28

**Ref. 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

£113.36

**Ref. 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



### Inline Fan Controller XIC1

£60.86

**Ref. 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



### 3 Speed Selector 3SP SW

£61.20

**Ref. 92396AA**

3 speed control switch suitable for Xcell 150U & 350V



# Xpelair Sensors and Switches

## Xcell QV Sensors and Switches

Models

Pricing Group 32B



**Xcell QV MS2**  
**Ref. 23513AW**  
2 speed selector (normal or boost) | Controller for Xcell QV models | Surface or Recess mounting | 100mm (w) x 86mm (h) x 45 (d)



**Xcell QV Q3SP**  
**Ref. 96005AA**  
3 speed selector (trickle, normal or boost) | Controller for Xcell QVW model | Surface mounting | Filter inspection indicator | Motor failure indicator | 74mm (w) x 74mm (h)



**Xcell QV QTS**  
**Ref. 96004AA**  
Time controller with 3 speed selector (trickle, normal or boost) | Controller for Xcell QVI model | Surface mounting | 150mm (w) x 90mm (h) x 35 (d)



**Xcell QV QC02 indoor air quality**  
**Ref. 96003AA**  
Monitors indoor air quality | Sensor for the Xcell QVW & QVI models | Surface mounting | 80mm (w) x 120mm (h) x 31 (d)



**Xcell QV QRFT RF Transmitter**  
**Ref. 96006AA**  
Remote manual speed controller | Up to 6 can be used with 1 receiver | Surface mounting



**Xcell QV QRFR RF Receiver**  
**Ref. 96007AA**  
1 per MVHR unit | Used with up to 6 QRFT transmitters



**Xcell QV QHS Humidity Sensor**  
**Ref. 96040AA**  
Detects humidity | Sensor for the Xcell QVW & QVI models | Surface mounting | 85mm (w) x 100mm (h) x 26 (d)

Compatibility Selector	MS2	Q3SP	QTS	QC02	QRFT	QRFR	QHS
Reference number	23513AW	96005AA	96004AA	96003AA	96007AA	96006AA	96040AA
Xcell 150QV/QVL	■						
Xcell 150QVW/QVWL		■		■			■
Xcell 200QV/QVL	■						
Xcell 200QVW/QVWL		■		■			■
Xcell 300QV/QVL	■						
Xcell 300QVW/QVWL		■		■			■
Xcell 300QVI/QVIL			■	■	■	■	■
Xcell 400QV/QVL	■						
Xcell 400QVW/QVWL		■		■			■
Xcell 400QVI/QVIL			■	■	■	■	■



**Ceiling Fan Controller AWC**  
Ref. 21857AW  
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 Whispair units.

£216.12



**Ceiling Fan Controller WAC1**  
Ref. 21852AW  
Single fan controller

£25.24



**Ceiling Fan Controller WAC6**  
Ref. 21853AW  
Group fan controller

£38.71

**WAC6R**  
Ref. 21878AW  
Group fan reversing controller

£50.48



**Electronic Speed Controller XCW1**  
1AMP XCW1.1 Ref. 89903AA £55.02  
3AMP XCW1.3 Ref. 89904AA £58.66  
6AMP XCW1.6 Ref. 90408AA £72.88  
Electronic speed control | Provides On/Off and infinitely variable speed control | Fan operation indicator light | Surface or recess mounting | w160 x h86mm



**5 Step Transformer Speed Controller T1/T3**  
  
**Single phase**  
T1-1.5A IP54 Ref. 91367AA £102.54  
T1-3.5A IP54 Ref. 91368AA £111.36  
T1-6A IP54 Ref. 91369AA £149.61  
T1-7.5A IP54 Ref. 91370AA £168.91  
T1-12A IP21 Ref. 91371AA £280.15

**3 phase**  
T3-1A IP54 Ref. 91361AA £198.23  
T3-2A IP54 Ref. 91362AA £213.12  
T3-3A IP54 Ref. 91363AA £276.40  
T3-5.2 IP54 Ref. 91364AA £298.78  
T3-7A IP21 Ref. 91365AA £359.75  
T3-14A IP21 Ref. 91366AA £653.79  
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










**Starter and Thermal Overload Protection STP**  
  
**STP1 Single phase** £35.95  
0.4 - 10A  
Ref. 91372AA  
  
**STP2 Two phase** £103.02  
0.1 - 25A  
Ref. 91373AA  
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





# Xpelair Profile 25M & 29 Ducting











Flat metal and rigid plastic ducting systems

## Models

## Pricing Group 33

















Product	Ref.	Profile 25M Dims (230 x 25mm) Price
<b>FMD</b>  Flat ducting 2.4 metre length	89758AA	£37.26
<b>FMH90</b>  Horizontal 90° bend	89759AA	£22.19
<b>FMTB</b>  Transition/air brick	89760AA	£23.56
<b>FMP</b>  Plenum box	89761AA	£27.48
<b>FMV90</b>  Vertical 90° bend	89762AA	£20.25
<b>FMH45</b>  Horizontal 45° bend	89763AA	£17.47
<b>FMC</b>  Coupling (boxed in 6's)	89764AA	£37.20 (per 6)

Product	Ref.	Profile 25M Dims (230 x 25mm) Price
<b>XFD</b>  Flat channel duct 1m Flat channel duct 1.5m Flat channel duct 2m	91104AA 91105AA 91106AA	£11.24 £16.35 £26.17
<b>XFC</b>  Flat channel connector	91107AA	£2.63
<b>XFH90</b>  Horizontal 90° bend	91108AA	£7.26
<b>XFH45</b>  Horizontal 45° bend	91109AA	£6.22

Product	Ref.	Profile 25M Dims (230 x 25mm) Price
<b>XFV90</b>  Flat ducting 2.4 metre length	91110AA	£5.50
<b>XFV45</b>  Horizontal 90° bend	91111AA	£5.83
<b>XFEP</b>  Transition/air brick	91112AA	£6.88
<b>XFRRA</b>  Plenum box	91113AA	£6.88
<b>XFS</b>  Vertical 90° bend	91114AA	£3.36
<b>FDA</b>  Flat ducting adaptor kit	90547AA	£32.24
<b>XFLAA</b>  Long airbrick adaptor	91102AA	£9.62
<b>XFAF</b>  Airbrick fascia terracotta	91103AA	£3.90
<b>XFAS</b>  Airbrick soldier course	91246AA	£6.50
<b>WD100</b>  100mm Ø wall duct	89543AA	£8.48

# Xpelair Profile 54, 60 & 90 Ducting

Rigid plastic flat ducting systems

Models										Pricing Group 33			
Product	Profile 54 Dims (110×54mm)			Profile 60 Dims (204×60mm)			Profile 90 Dims (220×90mm)						
	Ref.		Price	Ref.		Price	Ref.		Price				
 Flat ducting 1 metre length 1.5metre length 2.4metre length	FPD5150	92451AA	£11.53	FPD100 FPD150	89755AA 91188AA	£8.87 £13.10	FPD9100 FPD9150	92325AA 92315AA	£12.13 £18.75				
 Coupling	FPC5	92452AA	£2.15	FPC	89757AA	£4.72	FPC9	92316AA	£11.03				
 Mounting Bracket	FPB5 (per box of 10)	92519AA	£5.46	FPB (per box of 10)	89756AA	£9.69	FPB9 (per box of 10)	92314AA	£10.50				
 Horizontal 90° bend	FPH590	92453AA	£4.87	FPH90	89754AA	£9.72	FPH990	92317AA	£10.70				
 Horizontal adjustable bend	FPH545	92456AA	£5.23	FPH45	89750AA	£10.80	FPH945	92319AA	£15.23				
 Vertical 90° bend	FPV590	92454AA	£4.56	FPV90	89753AA	£8.12	FPV9590	92318AA	£8.93				
 Vertical 45° bend	FPV545	92517AA	£4.56	FPV45	92537AA	£12.04	FPV945	92545AA	£17.37				
 T Piece	FPT5	92455AA	£7.37	FPT	90091AA	£14.94	FPT9	92515AA	£27.83				
 Flexible Ducting 0.5m	FPF5	92510AA	£4.74	FPF	91484AA	£4.74	FPV945	92545AA	£17.37				
 Plenum bend 100mm Ø 125mm Ø 150mm Ø	FPP5100	92457AA	£4.58	FPP100 FPP125 FPP150	89752AA 91259AA 91483AA	£7.04 £9.98 £9.98	FPP125 FPP150	92321AA 92322AA	£11.43 £9.10				
 Round to rectangular adaptor	PRA5	92511AA	£5.53	PRA	91482AA	£12.13	PRA9	92320AA	£9.38				
 Fire damper collar	PBF5	92514AA	£25.19	FBF	91975AA	£65.26	FBF9	92516AA	£65.26				
 Single air brick adapter	FPA5	92513AA	£2.87	FBA6 FPA	92313AA 92573AA	£4.16 £6.80	FPA9	92323AA	£6.80				
 Double air brick adapter													
 Single wall outlet grille				FPG	89751AA	£3.74							
 Double wall outlet grille				FPG9	92324AA	£11.25	FPG9	92324AA	£11.25				



Flexible Ducting Xflex FD

Dia Length			
(mm)	(m)		
FD100	100	3 Ref. 89663AA	£15.15
	6	Ref. 89669AA	£19.22
FD125	125	3 Ref. 89664AA	£17.58
	6	Ref. 89670AA	£34.79

Commercial Diameters

FD150	150	3 Ref. 89665AA	£20.86
		6 Ref. 89671AA	£24.49
FD200	200	3 Ref. 89666AA	£27.72
		6 Ref. 89672AA	£54.50
FD250	250	3 Ref. 89667AA	£34.79
		6 Ref. 89673AA	£69.50
FD315	315	3 Ref. 89668AA	£47.32
		6 Ref. 89674AA	£92.03

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



New Aluminium Flexible Ducting Xflex ALU

Dia Length			
(mm)	(m)		
ALU100	100	10 Ref. 91435AA	£15.96
		10 Ref. 91436AA	£20.79
ALU150	150	10 Ref. 91437AA	£28.46

Commercial Diameters

ALU200	200	10 Ref. 91438AA	£44.10
ALU250	250	10 Ref. 91439AA	£54.60
ALU315	315	10 Ref. 91440AA	£70.88
ALU400	400	10 Ref. 91441AA	£98.07

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



Thermal Flexible Ducting Xflex TFD

Dia Length			
(mm)	(m)		
TFD100	100	5 Ref. 89847AA	£41.96
		10 Ref. 91459AA	£56.70
TFD125	125	5 Ref. 89848AA	£48.44
		10 Ref. 91460AA	£66.15
TFD150	150	5 Ref. 89849AA	£58.61
		10 Ref. 91461AA	£79.80

Commercial Diameters

TFD200	200	5 Ref. 89850AA	£67.79
		10 Ref. 91462AA	£97.65
TFD250	250	5 Ref. 89851AA	£83.97
		10 Ref. 91463AA	£114.45
TFD315	315	5 Ref. 89852AA	£103.63
		10 Ref. 91464AA	£130.20

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) | Can be interlocked and sealed with duct tape to form an airtight seal



Insulated Circular Plastic Ducting

Dia Length			
(mm)	(m)		
CPD125	125	2 Ref. 91474AA	£39.25
CPD150	150	2 Ref. 91475AA	£45.16

Un-insulated Circular Plastic Ducting

Dia Length			
(mm)	(m)		
CPDN100	100	2 Ref. 92538AA	£26.10
CPDN125	125	2 Ref. 92539AA	£31.45
CPDN150	150	2 Ref. 92540AA	£35.44

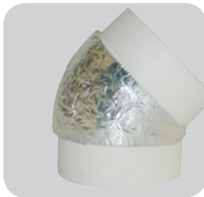


Insulated Circular T-pieces

Dia (mm)			
ICT125	125	Ref. 91476AA	£23.34
ICT150	150	Ref. 91477AA	£45.43

Un-insulated Circular T-pieces

Dia (mm)			
ICTN100	100	Ref. 92550AA	£8.87
ICTN125	125	Ref. 92551AA	£10.70
ICTN150	150	Ref. 92552AA	£13.20

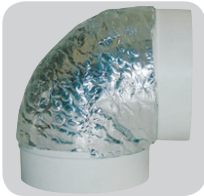


Insulated Circular Plastic 45° Bends

Dia (mm)			
CPE125	125	Ref. 91480AA	£13.48

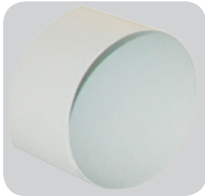
Un-insulated Circular Plastic 45° Bends

Dia (mm)			
CPEN100	100	Ref. 92542AA	£8.97
CPEN125	125	Ref. 92543AA	£10.98



Insulated Circular 90° Bend

	Dia (mm)		
CPB125	125	Ref. 91478AA	£16.61
CPB150	150	Ref. 91479AA	£20.59



Circular Plastic Connectors

	Dia (mm)		
CPC100	100	Ref. 92535AA	£2.68
CPC125	125	Ref. 91485AA	£4.78
CPC150	150	Ref. 91486AA	£5.84



Circular Plastic Adaptors

	Dia (mm)		
CPA125/100	125-100	Ref. 91487AA	£3.08
CPA150/125	150-125	Ref. 91488AA	£3.42
CPA200/150	200-150	Ref. 91489AA	£3.74

Un-insulated Circular 90° Bend

	Dia (mm)		
CPBN100	100	Ref. 92546AA	£8.75
CPBN125	125	Ref. 92547AA	£11.03
CPBN150	150	Ref. 92548AA	£11.76



Y Piece Splitters YPS

	Duct dia (mm)		
YPS1	100x100x100	Ref. 91281AA	£30.12
YPS2	100x100x150	Ref. 91282AA	£30.12
YPS3	125x125x125	Ref. 91283AA	£30.12
YPS4	125x125x150	Ref. 91284AA	£30.12
YPS5	150x150x150	Ref. 91285AA	£30.12
YPS6	150x150x200	Ref. 91286AA	£30.12
YPS7	200x200x200	Ref. 91287AA	£34.79
YPS8	200x200x250	Ref. 91288AA	£35.12
YPS9	200x200x300	Ref. 91289AA	£39.52
YPS10	250x250x250	Ref. 91290AA	£42.12
YPS11	250x250x300	Ref. 91291AA	£43.00
YPS12	300x300x300	Ref. 91292AA	£47.39

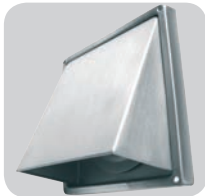
Fire retardant ABS moulded splitters | Leading lip for improved fixing to flexible ducting | Space saving two component construction



Bull-nose Vent Grille

BVG100SS	Ref. 92486AA	£26.67
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100mm dia stainless steel



Coweled Outlet

CO100SS	Ref. 92484AA	£16.01
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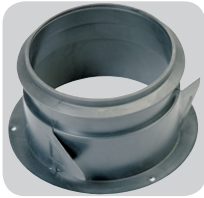
100mm dia stainless steel with non-return flap



Wall Grille Gravity Vent

GV100SS	Ref. 92485AA	£15.21
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100mm dia stainless steel



**Extract Grilles**  
For use in en-suites, bathrooms, kitchens and utility rooms

**RegulAir ceiling spigot XECS**  
**Ref: 91452AA** **£5.63**  
A 125mm first fix spigot that fits flush to the ceiling, allowing decoration without masking | Self supporting - no fixings required | Complete with rubber seal

**RegulAir Exhaust grilles**  
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**  
**Ref: 91442AA** **£49.69**  
Preset volume regulator. 8l/s trickle ventilation | Electric damper opens to 16l/s



**RegulAir XEP 8-16 bathroom/utility grille**  
**Ref: 91444AA** **£44.66**  
Preset volume regulator. 8l/s trickle ventilation | Pullcord opens to 16l/s

**RegulAir XEH 8-16 bathroom/utility grille**  
**Ref: 91445AA** **£69.97**  
Preset volume regulator. 8l/s trickle ventilation | Non-electric humidistat opens to 16l/s

**RegulAir XEP 6-12 sanitary accommodation grille**  
**Ref: 91443AA** **£44.66**  
Preset volume regulator. 6l/s trickle ventilation | Pullcord opens to 12l/s



**Input Grilles**  
For use in bedrooms, halls and living rooms etc

**RegulAir XEI 125 input grille**  
**Ref: 91451AA** **£16.70**  
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**  
**Ref:91450AA** **£15.99**



**Circular Air Valves CAV**  
Dia (mm)

CAV100	100	Ref. 89682AA	£15.99
CAV125	125	Ref. 91490AA	£10.97
CAV150	150	Ref. 89683AA	£17.64

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

**Circular Air Valve CAV FD**  
**CAV125FD Dia125mm**  
**Ref. 91495AA** **£76.88**  
Circular air valve with integral fire damper



**RegulAir XEV 6-12 sanitary accommodation**  
**Ref: 91446AA** **£64.04**  
Preset volume regulator. 6l/s trickle ventilation | PIR opens to 12l/s

**Fire Cuff 125** **£23.77**  
**Ref. 23314AA** Ø125mm Fire cuff

**Female Cuff 125** **£3.51**  
**Ref. 23349AA** Ø125mm female connector for CAV125



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

<b>XEV4 4l/s</b>	<b>Ref: 91447AA</b>	<b>£16.41</b>
<b>XEV8 8l/s</b>	<b>Ref: 91448AA</b>	<b>£16.41</b>
<b>XEV12 12l/s</b>	<b>Ref: 91449AA</b>	<b>£16.41</b>

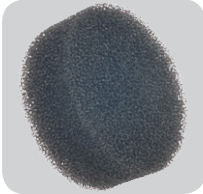
**Important**  
One of the return ducts should not be fitted with a constant airflow valve to maintain balance extract / intake. This is normally one of the returns to the ground floor.



Worm Drive Clips WDC

	Dia (mm)	Ref.	Ref.	£
WDC5	100 -125	Ref. 89684AA	£16.79	
WDC8	150 - 200	Ref. 89685AA	£20.64	
WDC13	250 - 315	Ref. 89686AA	£29.59	

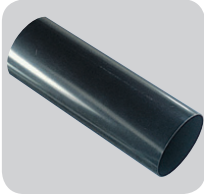
Steel clips for connecting flexible ductwork to spigots | Supplied in packs of 10



Premier Grease Filters PDXGF

PDXGF	Ref. 90548AA	£5.45
Premier 200 range		
PDXGF4	Ref. 91145AA	£7.04
Premier 200 range		

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



Wall Ducts WD

	Duct dia (mm)	Ref.	Ref.	£
WD100	100	Ref. 89543AA	£8.49	
WD125	125	Ref. 89703AA	£11.58	
WD150	150	Ref. 89704AA	£12.49	
WD200	200	Ref. 89705AA	£13.36	
WD250	250	Ref. 89706AA	£14.66	
WD315	315	Ref. 89707AA	£17.76	

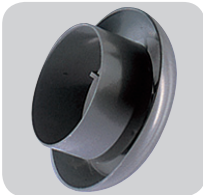
For bridging cavities or lining solid exterior walls



Ceiling Kit XCMK

XCMK	Ref. 90066AA	£3.99
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Allows a sealed ceiling mounting of ducted products | Compete with ceiling adaptor tube 105.7m dia, rubber gasket and foam strip | Used with: Premier DX180, DX200, DX400



Vent Cowl VC

VC10	Ref. 89531AA	£19.20
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Provides weather protection for a 100mm PVCu rigid ducted outlet | Pushfit and should be secured with solvent adhesive | Material: PVCu | Colour: Grey | Used with: Premier DX180, DX200, DX400, DX100 axial models in exposed situations | Cowl diameter: 200mm | wØ201 x h101 x inner Ø110mm



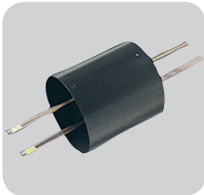
Glass Mounting Kits GMK & DXDG

GMK	Ref. 90546AA	£14.46
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Used for installing Premier DX180, DX200 and CF20 models in a window | Glass thickness: 4-28mm

DXDG	Ref. 07439AA	£5.64
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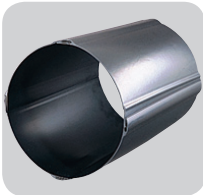
Allows DX100/LV100 to be mounted in double glazed panels from 6 to 46mm thick



GX Wall Kits WK

	Dia (mm)	Ref.	Ref.	£
WK6/8	200 (GX6)	Ref. 89369AA	£14.65	
WK6/11	280 (GX6)	Ref. 89370AA	£14.65	
WK9/8	200 (GX9)	Ref. 89371AA	£19.67	
WK9/11	280 (GX9)	Ref. 89372AA	£19.67	
WK12/8	200 (GX12)	Ref. 89373AA	£23.16	
WK12/11	280 (GX12)	Ref. 89374AA	£23.16	

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



Extendable Interlocking

Wall Kits WK6		
WK6/300		£11.69
Ref. 90085AA		
WK6/450		£15.78
Ref. 90086AA		

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



Condensation Trap XCT100

XCT100	Ref. 89749AA	£12.90
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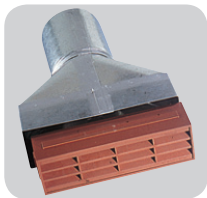
For use with 100mm dia ducting | Prevents condensed water running back down the duct towards the fan in vertical PVCu pipe ducted applications. (Not suitable for use in a flexible duct run) | Collected water must be piped to a convenient disposal point | Colour: Grey | 20mm drain off point | Material: PVCu | Length: 85mm





**Easy-Fix Termination Kit EFT**  
Ref. 90427AA      £23.22

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 DX180, DX200, CF20. Not suitable for 100mm axial fans | Length: 465mm



**Airbrick Adaptor XAA**  
Ref. 89777AA      £45.53

A fabricated G.S.M 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 Kit XXSWK4**  
Ref. 90333AW      £6.88

100mm wall kit consists of wall duct, internal and external grilles foam strips and wall fixings | Used with: XXS100 | Wall hole dia. 117mm



**Fire Damper XFC**  
Dia (mm)      Ref.      £

XFC100	100	Ref. 89843AA	£52.18
XFC125	125	Ref. 89844AA	£57.39
XFC150	150	Ref. 89845AA	£61.05
XFC200	200	Ref. 89846AA	£86.95

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 720C | Low temperature drop | Tested at Warrington Fire Research Centre to BS476 Part 20



**Termination Ducting Kit WT**  
Dia (mm)      Ref.      £

WT10	100	Ref. 89538AA	£28.43
WT15	150	Ref. 89687AA	£35.10

For through wall application | Complete with exterior grill, wall duct and spigot plate | Ducting can be attached to spigot | Wall hole dia. 117mm

**TDK8**      200      Ref. 89384AA      £50.52

Ducting kit for CX10 Ceiling extract fan



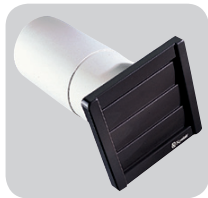
**Wall Grille CFWG**  
CFWG100 - Grey      Ref. 89215AB      £3.63

CFWG100 - White	Ref. 89742AW	£3.63
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CFWG150 - Grey	Ref. 89690AB	£5.79
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CFWG150 - White	Ref. 89857AW	£5.79
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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)



**Wall Vent Kit VK10**  
Ref. 89120AW      £13.30

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 h155 | Wall hole dia. 117mm



**Wall Grille Gravity Shutter XXWG4**  
White      Ref. 90174AW      £3.63

Grey	Ref. 90140AA	£3.63
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Protected duct outlet fitted with gravity flaps | 100mm dia connection | Dimensions: w155 x h155 x d15mm



**Louvred Wall Grille LG**  
Dia (mm)      Ref.      £

LGW125	125	Ref. 91492AA	£10.38
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LGB125	125	Ref. 91493AA	£10.38
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Available in white and brown



**Exterior Storm Cowl  
XXSCW & XXSCB**

**XXSCW** White Ref. 90461AW £5.79  
**XXSCB** Brown Ref. 90462AB £5.79

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



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

**DG-W White** Ref. 89529AA £8.54  
**DG-B Brown** Ref. 89530AA £8.54

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



**Slimline Wall Kit SLWK**

**SL100** Ref. 91232AW £15.15

**SL150** Ref. 91233AW £17.04

Wall kit consists of wall duct and external grille | Used with: Slimline SL100 and SL150 | Adjustable length 215-380mm | Wall hole size SL100 117mm, SL150 157mm



**Roof Cowls RC**

**RC6 (GX6, GXC6)** Ref. 89997AW £77.39

**RC9 (GX9, GXC9)** Ref. 90048AW £87.91

**RC12 (GX12)** Ref. 90092AW £103.53

**Roof Cowls XRC**

**XRC315-350** Ref. 92364AA £226.52  
Ø315-350mm Roof Cowl

**XRC400-450** Ref. 92365AA £319.08  
Ø400-450mm Roof Cowl

**XRC500-550** Ref. 92366AA £384.91  
Ø500-550mm Roof Cowl

**XRC630-710** Ref. 92367AA £510.51  
Ø630-710mm Roof Cowl

**XRC800-1000** Ref. 92195AA £808.03  
Ø800-1000mm 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



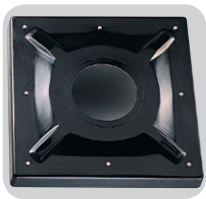
**Darkroom Cowl DC9** £102.11  
Ref. 98409AK

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 117



**Distance Pieces  
GXDP** £5.37  
Ref. 56708AA

Allows GX units to be fixed to distorted walls of 38mm minimum thickness | By spacing the fan unit and outer grille away from the wall or panel, distortion through over-tightening is prevented | Set of 6



**Roof Mounting Plates XRP**

**XRP6 (RX6)** Ref. 00370AK £91.37  
w592 x h542 x d89 Ø105

**XRP9 (RX9)** Ref. 00371AK £96.91  
w774 x h774 x d101 Ø257

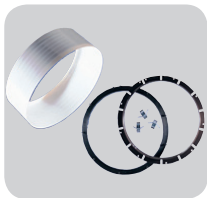
**XRP12 (RX12)** Ref. 00371AK £96.91  
w774 x h774 x d101 Ø324

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



**GX Longer Length Ladder Strips**  
**GXL20 (20 pack)** £33.81  
Ref. 89382AA  
**GXL50 (50 pack)** £76.65  
Ref. 89383AA

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



**Double Window Kits GXDW**  
**GXDW6 (GX6, GXC6)** Ref. 98229AA £28.30  
**GXDW9 (GX9, GXC9)** Ref. 98228AA £38.49  
**GXDW12 (GX12)** Ref. 98227AA £46.31  
For hinged double windows only | For installation of  
GX fans into separate double windows spaced between  
32mm and 102mm | Allows inner casement window to  
be opened without dismantling the fan



**Air-Replacement Grilles ARG**  
**ARG20** Ref. 89833AA £42.15  
w200 x h200mm  
**ARG30** Ref. 89834AA £72.14  
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



**Fire Blocks FB**  
**FB20** £85.21  
Ref. 89835AA  
w200 x h200mm  
**FB30** £120.63  
Ref. 89836AA  
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



**Protective Wall Grilles PG**  
**PG6 (GX6, GXC6, WX6)** £31.60  
Ref. 89375AA  
**PG9 (GX9, GXC9, WX9)** £39.36  
Ref. 89376AA  
**PG12 (GX12)** £46.28  
Ref. 89377AA  
**PGW12 (WX12)** £83.35  
Ref. 90204AA  
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



**Grille Box GB**  

	Duct	Square	
	dia		
	(mm)	(mm)	
<b>GB20/100</b>	100	200	Ref. 89676AA £25.69
<b>GB20/125</b>	125	200	Ref. 89677AA £25.69
<b>GB20/150</b>	150	200	Ref. 89678AA £25.69
<b>GB30/200</b>	200	300	Ref. 89679AA £31.98
<b>GB30/250</b>	250	300	Ref. 89680AA £31.98
<b>GB45/315</b>	315	450	Ref. 89681AA £48.51
<b>GB50/315</b>	315	500	Ref. 89828AA £60.64
<b>GB60/400</b>	400	600	Ref. 90296AA £72.77

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 dia (mm)	Square (mm)		
SP100	100	180	Ref. 92644AA	£14.34
SP125	125	175	Ref. 89698AA	£19.85
SP150	150	200	Ref. 92646AA	£18.38
SP200	200	250	Ref. 92647AA	£20.48
SP250	250	300	Ref. 92648AA	£27.57
SP315	315	365	Ref. 92649AA	£27.83

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



Egg-crate Ceiling Grilles CG

	Square (mm)		Satin Silver
CG20S	200	Ref. 89675AA	£28.39
CG30S	300	Ref. 89532AA	£41.90
CG45S	450	Ref. 89533AA	£64.68
CG50S	500	Ref. 89827AA	£98.57
CG60S	600	Ref. 90295AA	£111.36

	Square (mm)		White
CG20W	200	Ref. 89823AW	£28.41
CG30W	300	Ref. 89824AW	£41.90
CG45W	450	Ref. 89825AW	£64.68
CG50W	500	Ref. 89826AW	£98.57

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



Ceiling Diffuser Grilles DG

	Square (mm)		Satin Silver
DG20S	200	Ref. 89816AA	£26.28
DG30S	300	Ref. 89818AA	£49.94
DG45S	450	Ref. 89819AA	£107.30
DG50S	500	Ref. 89822AA	£134.36
DG60S	600	Ref. 90292AA	£147.23

	Square (mm)		White
DG20W	200	Ref. 89815AW	£30.90
DG30W	300	Ref. 89817AW	£57.17
DG45W	450	Ref. 89819AW	£107.30
DG50W	500	Ref. 89822AW	£134.36
DG60W	600	Ref. 90603AW	£163.55

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



Air Volume Dampers AVD

	Square (mm)		
AVD20	200	Ref. 89829AA	£22.05
AVD30	300	Ref. 89830AA	£35.28
AVD45	450	Ref. 89831AA	£56.23
AVD50	500	Ref. 89832AA	£74.97

Clips directly to an eggcrate 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



External Louvre Grilles EG

	Duct size (mm)		
EG30	300x300	Ref. 89534AA	£63.35
EG45	450x450	Ref. 89535AA	£104.57
EG50	500x500	Ref. 90538AA	£128.30
EG67	670x670	Ref. 90539AA	£194.31

Weather resistant recess mounting fixed louvre grille for exterior walls | Aluminium construction | Fitted birdguard



Air Operated Louvre Shutters XLG

	Hole dia (mm)		
XLG100	100 dia	Ref. 89691AA	£6.29
XLG120	120 dia	Ref. 89692AA	£7.94
XLG150	160 dia	Ref. 89693AA	£11.14
XLG200	200x200	Ref. 89694AA	£23.38
XLG250	250x250	Ref. 89695AA	£27.46
XLG315	315x315	Ref. 89696AA	£35.55
XLG400	400x400	Ref. 90294AA	£46.60

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

**Air Operated Louvre Shutters XLS**

	Duct size (mm)	Ref.		
<b>XLS315</b>	315x315	<b>Ref. 89905AA</b>	<b>£61.54</b>	
<b>XLS350</b>	350x350	<b>Ref. 91144AA</b>	<b>£73.02</b>	
<b>XLS400</b>	400x400	<b>Ref. 89906AA</b>	<b>£76.52</b>	
<b>XLS450</b>	450x450	<b>Ref. 89907AA</b>	<b>£83.35</b>	
<b>XLS500</b>	500x500	<b>Ref. 90540AA</b>	<b>£109.37</b>	
<b>XLS670</b>	670x670	<b>Ref. 90541AA</b>	<b>£220.22</b>	

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

**Four Way Ceiling Diffusers FW**  
To fit square duct size

	Fan size (mm)	Ref.		
<b>FW225</b>	225x225	<b>Ref. 91424AA</b>	<b>£21.50</b>	
<b>FW300</b>	300x300	<b>Ref. 91425AA</b>	<b>£24.83</b>	
<b>FW350</b>	350x350	<b>Ref. 91426AA</b>	<b>£30.61</b>	
<b>FW400</b>	400x400	<b>Ref. 91427AA</b>	<b>£40.39</b>	
<b>FW450</b>	450x450	<b>Ref. 91428AA</b>	<b>£47.16</b>	
<b>FW500</b>	500x500*	<b>Ref. 91429AA</b>	<b>£54.87</b>	

\*outer frame dim. 600x600 | Rigid lightweight polypropylene frame | Four drop-in diffuser cassette 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

**Spigot Plate/Damper FWS**

	Diff sq (mm)	Spigot dia (mm)	Ref.	
<b>FWS150</b>	225	150	<b>Ref. 91430AA</b>	<b>£17.98</b>
<b>FWS200</b>	225	200	<b>Ref. 91431AA</b>	<b>£20.85</b>
<b>FWS250</b>	300	250	<b>Ref. 91432AA</b>	<b>£26.50</b>
<b>FWS300</b>	350	300	<b>Ref. 91456AA</b>	<b>£33.85</b>
<b>FWS400</b>	400	400	<b>Ref. 91433AA</b>	<b>£39.66</b>
<b>FWS450</b>	450	400	<b>Ref. 91434AA</b>	<b>£47.20</b>

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

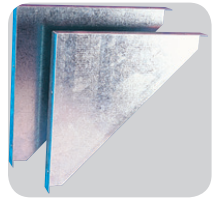
**Flexible Duct Connectors**

<b>FFC1-125</b>	<b>Ref. 90297AA</b>	<b>£24.50</b>
Ø125mm flexible duct connector		
<b>FFC2-150</b>	<b>Ref. 90298AA</b>	<b>£26.72</b>
Ø150mm flexible duct connector		
<b>FFC3-200</b>	<b>Ref. 90299AA</b>	<b>£27.49</b>
Ø200mm flexible duct connector		
<b>FFC4-250</b>	<b>Ref. 90300AA</b>	<b>£27.82</b>
Ø250mm flexible duct connector		
<b>FFC5-315</b>	<b>Ref. 90301AA</b>	<b>£32.41</b>
Ø315mm flexible duct connector		
<b>FFC6-400</b>	<b>Ref. 90302AA</b>	<b>£40.00</b>
Ø400mm flexible duct connector		

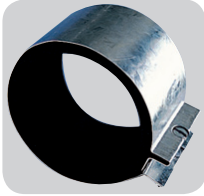
**Short Case Axial Fan Xtras SCX**

	Fan size (mm)	Ref.		
<b>SCX315</b>	(XSCA315)	<b>Ref. 91317AA</b>	<b>£152.25</b>	
<b>SCX350</b>	(XSCA350)	<b>Ref. 91318AA</b>	<b>£162.17</b>	
<b>SCX400</b>	(XSCA400)	<b>Ref. 91319AA</b>	<b>£166.86</b>	
<b>SCX450</b>	(XSCA450)	<b>Ref. 91320AA</b>	<b>£174.02</b>	
<b>SCX500</b>	(XSCA500)	<b>Ref. 91321AA</b>	<b>£179.26</b>	
<b>SCX560</b>	(XSCA560)	<b>Ref. 91322AA</b>	<b>£206.70</b>	

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

**Wall Mounting Bracket WMB**

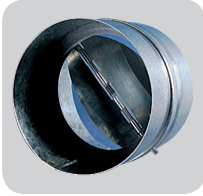
<b>Ref. 90310AA</b>	<b>£63.53</b>
Strong G.S.M construction   Sold in pairs   For use with XSFA	



Solid Duct Fasteners XMK

	Duct dia (mm)			
XMK100	100	Ref. 89618AA	£18.65	
XMK125	125	Ref. 89619AA	£20.09	
XMK150	150	Ref. 89620AA	£21.89	
XMK200	200	Ref. 89621AA	£24.11	
XMK250	250	Ref. 89622AA	£28.04	
XMK315	315	Ref. 89623AA	£34.22	

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)			
XBD100	100	Ref. 89636AA	£12.13	
XBD125	125	Ref. 89637AA	£14.34	
XBD150	150	Ref. 89638AA	£17.64	
XBD200	200	Ref. 89639AA	£29.77	
XBD250	250	Ref. 89640AA	£36.39	
XBD315	315	Ref. 89641AA	£43.00	
XBD500	500	Ref. 90535AA	£81.74	

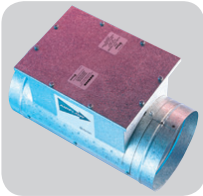
G.S.M construction | Spring loaded flaps | For use with XID, XIDP and cabinet fans | Fits between two lengths of ducting which are secured to the outside with worm drive clips when using Xflex FD ducting or with solid duct fasteners for solid ducting



Circular Silencers SIL

	Duct dia (mm)	Lgth Dia (mm)		
SIL100	100	300 200	Ref. 89837AA	£62.86
SIL125	125	300 225	Ref. 89838AA	£70.37
SIL150	150	300 250	Ref. 89839AA	£95.71
SIL200	200	300 300	Ref. 89840AA	£136.99
SIL250	250	300 350	Ref. 89841AA	£160.35
SIL315	315	300 415	Ref. 89842AA	£208.93

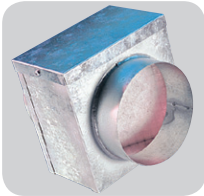
For use with all circular duct systems | For rigid ductwork the spigot incorporates a duct seal for leak free construction | G.S.M construction



Inline Electric Duct Heaters IDH

	Watts	Air Dia (mm)		
IDH1	750 0.02	100	Ref. 90270AA	£220.50
IDH2	1000 0.03	125	Ref. 90271AA	£242.55
IDH3	1500 0.04	150	Ref. 90272AA	£253.58
IDH4	2000 0.08	200	Ref. 90273AA	£286.65
IDH5	3000 0.12	250	Ref. 90274AA	£330.75
IDH6	4500 0.24	315	Ref. 90275AA	£374.85
IDH7	9000 0.31	400	Ref. 90276AA	£562.28
IDH8	18000 0.49	500	Ref. 90277AA	£870.98

built-in manual reset thermal cutout for added safety | G.S.M sleeve | For use with rigid or flexible ductwork | Connection box on top of unit | Sheathed heating element | All duct heaters 400mm long | Duct heater height equals dia + 46mm | On/Off operation | Suitable for 240V/1PH/50Hz Electrical supply | Must be controlled via a suitable fan electric control device complete with thermal overload protection and run-on-timer. To eliminate any possibility of fire especially when fan speed controllers are used.



Bag Filter Cassettes CFC

	Duct Box dia (mm)	Box square (mm)		
CFC1-125	125	155	Ref. 90285AA	£70.10
CFC2-150	150	180	Ref. 90286AA	£78.88
CFC3-200	200	230	Ref. 90287AA	£85.45
CFC4-250	250	280	Ref. 90288AA	£90.90
CFC5-315	315	345	Ref. 90289AA	£100.78
CFC6-400	400	430	Ref. 90290AA	£135.82

G.S.M 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



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