The Xpelair Simply Silent[™] family.

Our quietest bathroom fans. Fact.







NOISY BATHROOM FAN KEEPING YOU UP AT NIGHT?

YOU'RE NOT ALONE.



Just under half of UK adults rated their existing bathroom as 'noisy'.

1 in 4

A quarter of those UK adults would describe their bathroom fan as 'annoyingly noisy'.

14.5m

An estimated 14.5m UK adults have a noisy bathroom fan in their home.

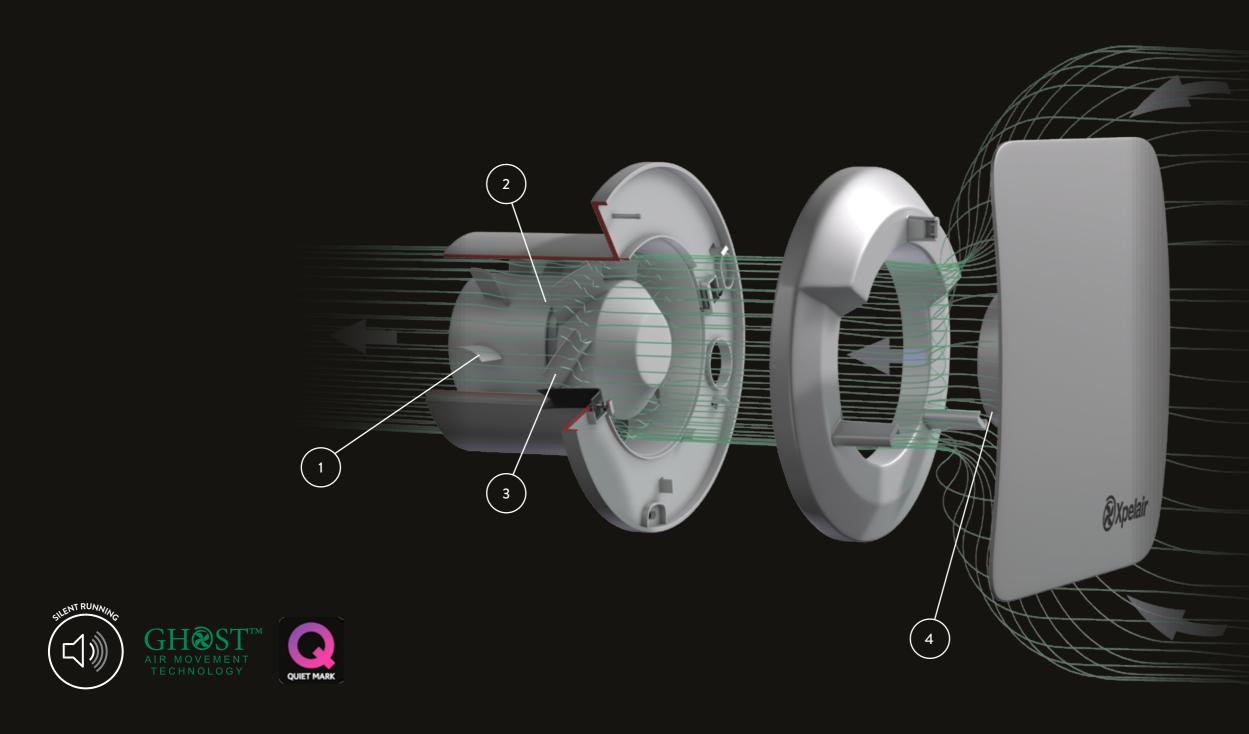
4.5m

Some 4.5m of the population have been woken up or kept awake by a noisy bathroom fan.

The revolution in bathroom fans starts here.

1 in 3

A chronic lack of sleep affects more than one third of the British public - and the bathroom fan is one of the main offenders.



Simply Silent[™] With Ghost[™] Air Movement Technology

Other bathroom fans claim to be quiet. Only the Simply Silent[™] family of bathroom and purpose-designed in-shower fans use unique, innovative Ghost[™] Air Movement Technology to deliver near-silent running.

Fan noise comes from both the motor and the movement of air. To combat this, Ghost[™] Air Movement Technology uses long-life silent running motors and precision engineered components to avoid mechanical noise, whilst advanced air flow management eliminates irregular air flow paths and turbulence.

2 Flow straighteners guide Long-life ball-bearing air through the duct, motors suppress reducing turbulence. motor noise.

A look inside



Optimised impeller blade design maximises performance, whilst minimising noise.



A cone behind the front baffle directs air straight onto the impeller for optimal airflow efficiency.

WHAT ABOUT AIR QUALITY?

2 gallons

The average family produces approximately two gallons of water vapour per day just by breathing, washing and cooking.

6

It isn't enough for bathroom fans to be quiet. Today's bathroom fans are required by law to improve air comfort and air quality in bathrooms, shower rooms, cloakrooms and toilets.

Radical changes in the design and construction methods of domestic buildings over the past two decades mean our homes are better sealed and insulated. We are cosier and more energy efficient, but our homes are unable to breathe naturally. Indoor pollution isn't just bad for the building fabric; it can affect our health too. Bronchial conditions can be triggered by the house dust mite that thrives in warm moist conditions.

Intermittent Ventilation

These fans are turned on and off on demand. For instance, they can be wired to a remote switch such as a lighting circuit, and be turned on and off with the light. The minimum domestic mechanical ventilation requirements are:

- Bathroom, shower room: 151/s
- Separate toilets: 6l/s

Simply Silent Contour (p18-23), DX100 (p24-25) and Shower Fan Complete (p26-27) meet these requirements. Part F1 of the Building Regulations calls for adequate ventilation in buildings which 'under normal conditions is capable of restricting the accumulation of such moisture (which could lead to mould growth) and pollutants originating within the building as would otherwise become a hazard to the health of people in the building'. This may be achieved by the provision of:

Continuous Ventilation

These fans extract continuously where humidity may be generated throughout the day and night, and boost automatically via a switch or humidistat. The minimum domestic high rate requirements are:

- Kitchen: 131/s
- Utility room, bathroom, shower room: 81/s
- Separate toilets: 6l/s

Simply Silent Contour CV (p20-23) meets all of these requirements.

Introducing the **Xpelair Simply Silent™ family**

Each range in the Simply Silent[™] family eliminates humidity, condensation and odour effectively to improve air quality in bathrooms, shower rooms, cloakrooms and toilets.

Other bathroom fans claim to be quiet. Only the Simply Silent[™] family of bathroom and purpose-designed in-shower fans use advanced Ghost[™] Air Movement Technology to deliver near-silent running. Plus, all of the fans are stylish, simple to install and maintain, and come with either a two or five-year warranty. They're truly revolutionary.



Simply Silent[™] Contour

This stylish, two-speed, intermittent bathroom fan range, with its sleek, smooth fascias, is suitable for all applications and design preferences. Finished in cool white.

Simply Silent[™] Contour CV

Our continuous bathroom and kitchen fan range combines all the benefits of the Simply Silent[™] Contour with **Intelligent Adaptiflow[™] Sensing**, adjusting the fan speed intuitively to maintain a constant volume of extracted air. Finished in cool white; Low Volt (LV) model also available.

Simply Silent[™] DX100

Where the contemporary meets the conventional: this two-speed, intermittent bathroom fan range shares many of the benefits of the Simply Silent[™] Contour, but has a more traditional look. Finished in cool white; Low Volt (LV) model also available.





Simply Silent[™] Shower Fan Complete

Only Simply Silent[™] Shower Fans boast the low noise levels and extraction power for in-shower installation – right at the point of humidity – for a steam-free bathroom environment. Like the Simply Silent[™] DX, our shower fan has a traditional grille-style fascia, finished in cool white.

State-of-the-art innovations that run in the family

@xpelair



Simply Silent[™]

Near-silent running minimises disturbance from noisy bathroom fans for a peaceful night's sleep.



Ğ←■

Simply beautiful

Each stylish fascia blends seamlessly with the surrounding decor.

So Simple installation

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



So Simple maintenance

Every fascia may be removed with ease for cleaning.



Intelligent Adaptiflow[™] Sensing

The Simply Silent[™] Contour CV range uses Intelligent Adaptiflow[™] Sensing to deliver a constant volume performance.



Compliant

Rest assured that the Simply Silent[™] family complies fully with Building Regulations Part F and Part L.



ERP rated

All products in the Simply Silent[™] family exceed the requirements of the ErP directive 2015.



IPX4 rated

The Simply Silent[™] family is suitable for safe installation in bathroom wet areas, providing extra protection and peace of mind.



UK warranty

As a measure of our confidence, every fan in the Simply Silent[™] family comes with our two or five-year UK warranty.





Simply beautiful Sleek. Smooth. Subtle.

Simply Silent[™] bathroom and shower fans are designed to blend seamlessly with the surrounding decor. Discover the beauty of silence.

The Simply Silent[™] Contour and Simply Silent[™] Contour CV ranges feature sleek, smooth fascias available in interchangeable options – square or round – to suit all applications and design preferences.

Meanwhile, the Simply Silent[™] DX100 and Simply Silent[™] Shower Fan Complete ranges boast a modern take on traditional styling, featuring a more conventional grille design. Finished in cool white, these stylish fascias are also available in square or round options.*

No matter your preference, one thing is certain: you won't even know the fan is there.





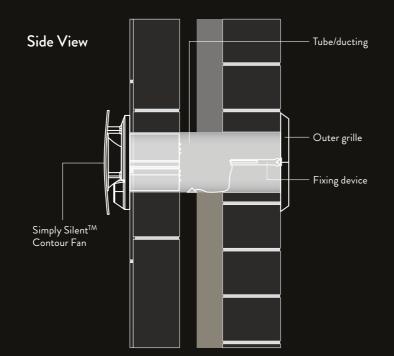
*Simply Silent™ Shower Fan Complete range available with a round fascia only.

Complete installation without stepping outside

Simply Silent[™] easy-fit wall kit

The revolutionary Simply Silent[™] wall kit allows fuss-free fitting of the outer grille from the inside. It really couldn't be easier.

Available in four different grille designs, the kit comes complete with wall tube.



Only Xpelair offers innovative approaches to fitting from inside a building through both walls and windows. There's no need for installers to gain access from outside or operate at high levels, for fitting that's safe and easy.

Simply Silent[™] quick-fit window kit

The innovative Simply Silent[™] quick-fit window kit makes installing the outer grille a breeze. Suitable for single, double or triple-glazed window mounting applications up to 43mm thick, the kit can be fully installed from inside the building.



Fold the outer grille.



Push through the wall tube.



Open up the outer grille.



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



Stage 1	Stage 2
self-adhesive internal	Insert the steel w
nt fixing ring then	and rotate it to th

Fit the

alignme

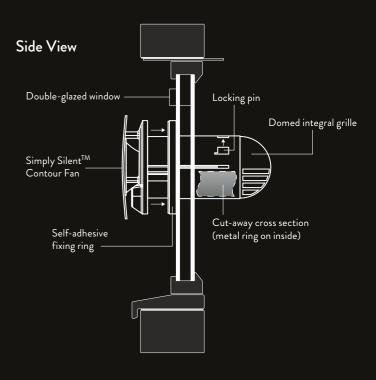
insert the housing with

domed integral grille.

Insert the steel wall tube and rotate it to the tightest locking position.

SSWKWR	92991AW	Simply Silent™ Wall Kit Round/White
SSWKWS	92992AW	Simply Silent™ Wall Kit Square/White
SSWKBR	92993AB	Simply Silent™ Wall Kit Round/Brown
SSWKBS	92994AB	Simply Silent™ Wall Kit Square/Brown





Stage 3

Stage 4

Insert the four locking pins to secure it.

Fit the fan using the short machine screws supplied.

SSSB 92	2957AW I	Replacement Simply Silent™ Square Baffle
SSRB 92	2958AW I	Replacement Simply Silent™ Round Baffle
SSAK 93	3061AA S	Simply Silent™ Simply Silent Adaptor Kit
SSWIN 92	2996AA S	Simply Silent™ Window Kit



So Simple installation Fuss-free fitting

The flexible Simply Silent[™] family of bathroom and shower fans suits wall, ceiling, panel or window installations. So Simple installation makes fitting quick and hassle free – wherever the fan is positioned.





Twist and clip cover. La

Larger cable access. Radial fixing points and level reference.



Screwless hook Qu and clip cover.

Quick fit clamp.

It's all thanks to a range of clever features – like the built-inand distorSo Simple quick-fit clamp that allows the fan to be securedfans featuressimply to ceilings and panels. Larger cable access slots enableAnd, witheasy wiring. Three adjustable radial screw fixing pointsWall Adaand level reference line ensure flexible and accuratefan may befan alignment. The duct is strengthened to avoid breakageall without

and distortion during installation. Plus, all Simply Silent[™] fans feature **hook and clip fan covers** – no screws. And, with the quick-fit **Simply Silent[™] 100-150mm Wall Adaptor Kit,** a 100mm (4") Simply Silent[™] Contour CV fan may be installed in place of a traditional 150mm (6") fan, all without loss of extract performance.



So Simple maintenance Quick and easy cleaning

The Simply Silent[™] family of bathroom and shower fans has been designed to make cleaning and servicing as simple as possible for the homeowner. It's what we like to call So Simple maintenance.



Our Simply Silent[™] Contour and Simply Silent[™] Contour CV models feature a sleek, smooth fascia that's wipe-clean – just use a cloth. For a more thorough clean, a twist-and-click mechanism allows the fascia to twist off for interior cleaning.

Meanwhile, our Simply Silent[™] DX100 and Simply Silent[™] Shower Fan Complete models have a traditional grille-style fascia, complete with clip-off mechanism to allow for cleaning.

Maintenance really is So Simple.

Simply Silent[™] Contour (4"/100mm)

Sleek and smooth: the two-speed, intermittent extractor fan range

The Simply Silent[™] Contour range of two-speed (15l/s and 21l/s - selected at install), intermittent extractor fans control humidity, odours and mould growth effectively in bathrooms, shower rooms, cloakrooms and toilets.

Choose either a square or round fascia, include a run-on timer that is fully adjustable when installed (can be set from 30 seconds to 30 minutes once the unit is switched off), or specify a pull cord for on-demand operation.

Product information







MODELS		Design	Timer	Pull cord	Humidistat	Standard
C4S	92960AW					1
C4TS	92962AW	•	1			
C4PS	92964AW			1		
C4HTS	92966AW		1		✓	
C4R	92961AW	•				✓
C4TR	92963AW	•	1			
C4PR	92965AW	•		1		
C4HTR	92967AW	•	 Image: A start of the start of		✓	

Alternatively, opt for the timer plus a built-in humidistat

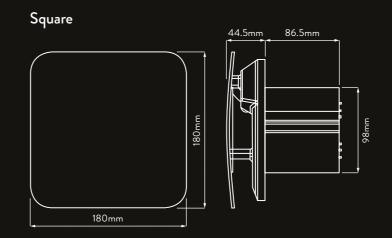
to regulate humidity automatically. And don't forget the

easy-fit wall or quick-fit window kit, available as add-ons.

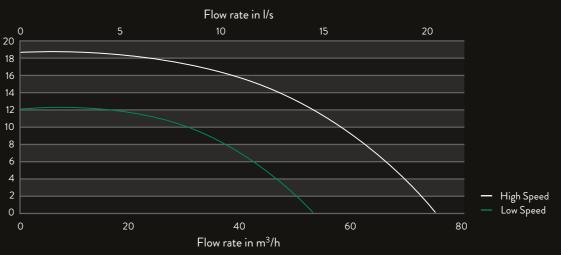
With so many options, the Simply Silent[™] Contour range

suits an array of applications and design preferences.

Simply Silent[™] Contour (4"/100mm) Technical data



Performance



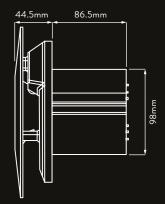
Specification

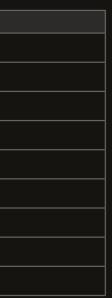
	Contour
Speeds	2
Extract Performance (1/s)	15/21
Extract Performance (m ³ /h)	54/76
Electrical Power Rating (W)	6.7/7.7
Specific Fan Power (W/I/s)	0.45/0.37
Sound Pressure Level (dBA @ 3M)	16/29
IP Rating	X4
Motor Type	AC
ErP Compliant	Yes

Sound pressure testing carried out at ISVR, University of Southampton - June 2014.

Round





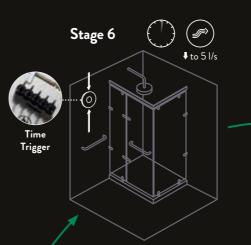


ISVR Consulting Consultants in Noise and Vibration

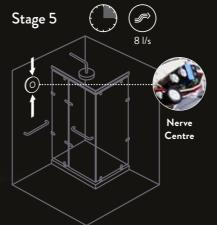
Simply Silent[™] Contour CV and CVLV Superior technology



The **Simply Silent[™] Contour CV** range uses Intelligent Adaptiflow[™] Sensing to deliver a constant volume performance.



After 15 minutes (factory set time period but adjustable at install), the airflow drops once again to 5 l/s in trickle mode.



User exits bathroom and switches off the light. The Nerve Centre reacts to the lighting circuit trigger and the runon timer keeps the fan operating for 15 minutes after this at 8 l/s.



User switches shower off, Humidity Trigger passes information to Nerve Centre and the fan airflow is reduced automatically to 8 l/s.

Xpelair

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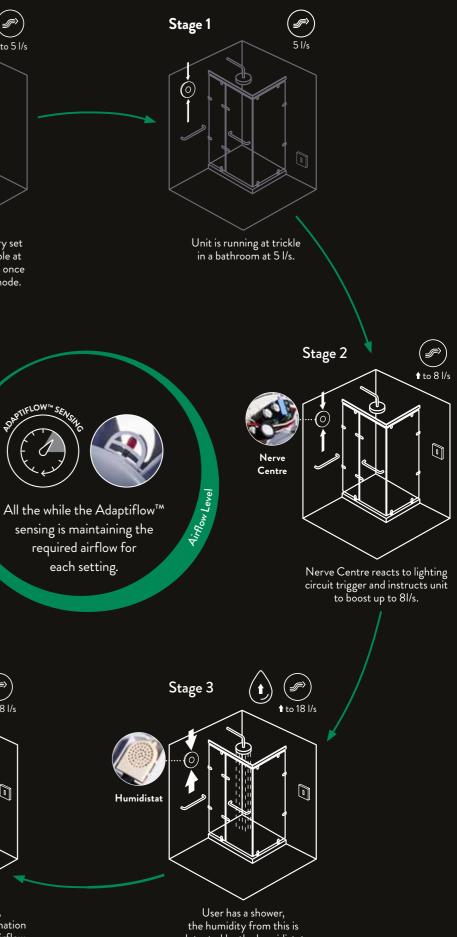
A unique sensor is located in the duct airflow and is continuously calculating and recording the flow rate, taking hundreds of measurements each second. When the technology senses consistent changes in airflow, brought about by reduced ducting efficiency or a strong wind applying back pressure in the duct, it adapts the fan intuitively to maintain a constant volume of extracted air.

Intelligent Adaptiflow[™] Sensing works cooperatively with the product's active humidistat. This means that

when the humidity increases rapidly, or reaches the fan's preset humidity level then the required flow rate increases. The sensor will reflect this in the information it is sending to the fan's high speed central processor.

1

The benefit of Intelligent Adaptiflow[™] Sensing delivering constant volume performance is that the homeowner can be assured that the desired airflow is achieved for the lifetime of the product.



detected by the humidistat and the fan boosts to 18 l/s.

Simply Silent[™] Contour CV and LVCV (4"/100mm)

Intelligent and intuitive: continuous extractor fans with Intelligent Adaptiflow™ Sensing

The Simply Silent[™] Contour CV range combines all the benefits of the Simply Silent[™] Contour with Intelligent Adaptiflow[™] Sensing. This smart technology senses changes in airflow, adapting the fan speed intelligently to maintain constant volume of extracted air.

Particularly suited to new-build and high-end specifications, the Simply Silent[™] Contour CV range features a datalogger designed to help landlords and local authorities avoid damage to their housing stock through condensation and mould.

Product information



MODELS					
		Design	External Transformer		
CV4S	92968AW	-			
LVCV4S	92970AW		✓		
CV4R	92969AW	•			
LVCV4R	92971AW	•	✓		

The datalogger records the fan's daily use; the data can then

be gathered and interpreted by a technician. This provides

the property owner with information on whether a fan has

been in operation or whether a tenant has switched it off.

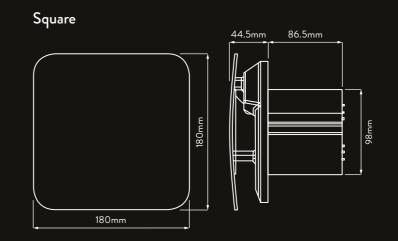
area zone 1, offering complete peace of mind. These models

are supplied with a 24V SELV transformer, positioned out

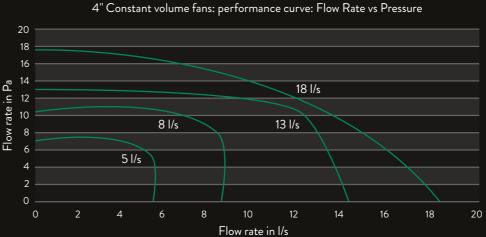
of reach of any person using the bath or shower.

Simply Silent[™] LVCV (Low Volt) models are designed specifically for safe installation directly in or over the splash

Simply Silent[™] Contour CV and LVCV (4"/100mm) Technical data



Performance

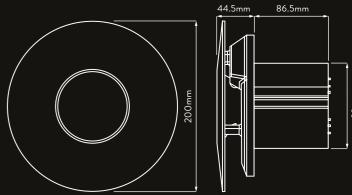


Specification	Conto	our CV	Contour LVCV		
	Bathroom	Kitchen	Bathroom	Kitchen	
Speeds	2	2	2	2	
Extract Performance (I/s)	5/8/18	8/13/18	5/8/18	8/13/18	
Extract Performance (m ³ /h)	18/29/65	29/47/65	18/29/65	29/47/65	
Electrical Power Rating (W)	1.6/1.9/2.9	1.9/2.3/2.9	1.6/1.9/2.9	1.9/2.3/2.9	
Specific Fan Power (W/I/s)	0.32/0.24/0.16	0.24/0.18/0.16	0.40/0.29/0.21	0.29/0.24/0.21	
Sound Pressure Level (dBA@3M)	15.1/18.9/28.1	18.9/22.9/28.1	15.1/18.9/28.1	18.9/22.9/28.1	
IP Rating	X4	X4	X5	X5	
Motor Type	DC				
ErP Compliant	Yes				

Sound pressure testing carried out at ISVR, University of Southampton - February 2015.



Round



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Simply Silent[™] DX100 and LV100 (4"/100mm)

Conventional, yet cool: grille-style, two-speed, intermittent extractor fan range

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

Choose either a square or round fascia, include a run-on timer that is fully adjustable when installed (can be set from

Product information





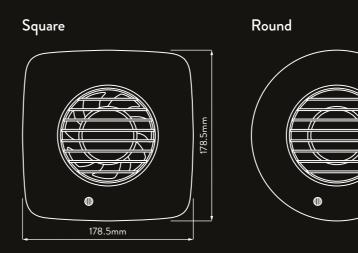


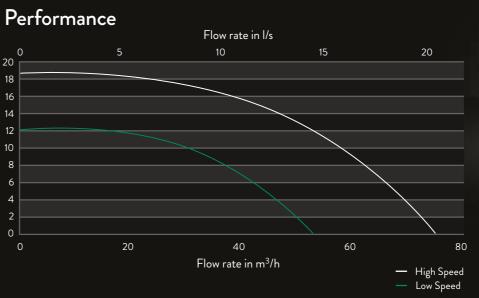
30 seconds to 30 minutes once the unit is switched off), a pull cord for on-demand operation, or a timer and built-in humidistat to regulate humidity automatically. With so many options, the Simply Silent[™] DX100 range is ideal for a variety of applications.

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

l	MODELS		Design	Timer	Pull cord	Humidistat	PIR	Standard
	DX100S	93025AW						1
	DX100TS	93026AW		 ✓ 				
	DX100PS	93027AW	E		 ✓ 			
	DX100HTS	93028AW		1		1		
ן ד	DX100HPTS	93029AW		 ✓ 	1	1		
With Kit	DX100PIRS	93030AW					1	
/ith	DX100R	93005AW						1
\$	DX100TR	93006AW		1				
	DX100PR	93007AW			1			
	DX100HTR	93008AW		1		1		
	DX100HPTR	93009AW		1	1	1		
	DX100PIRR	93010AW					1	
ļ	DX100BS	93017AW						 Image: A start of the start of
ļ	DX100BTS	93018AW		 Image: A start of the start of				
ļ	DX100BPS	93002AW			 Image: A start of the start of			
ļ	DX100BHTS	93019AW	Н	 ✓ 		 Image: A start of the start of		
ļ	DX100BHPTS	93020AW		 Image: A start of the start of	 Image: A start of the start of	 Image: A start of the start of		
ļ	DX100BR	92297AW						 Image: A start of the start of
ļ	DX100BTR	92998AW		 Image: A start of the start of				
l	DX100BPR	93001AW			 Image: A second s			
Į	DX100BHTR	92999AW		 Image: A start of the start of		 Image: A start of the start of		
Į	DX100BHPTR	93000AW		 ✓ 	 ✓ 	 ✓ 		
	LV100S	93031AW						1
	LV1003	93031AW		1				
Kit	LV100PS	93033AW 93032AW		ľ ľ	1			
With Kit	LV100HTS	93032AW 93034AW		1	· ·	1		
≥	LV100HPTS	93035AW		v v	1	1		
	LV100PIRS	93036AW					1	
	LV100R	93011AW						 ✓
4	LV100TR	93013AW		1				
With Kit	LV100PR	93012AW			1			
Vith	LV100HTR	93014AW		1		1		
>	LV100HPTR	93015AW		1	✓	1		
	LV100PIRR	93016AW					1	

Simply Silent[™] DX100 and LV100 (4"/100mm) Technical data



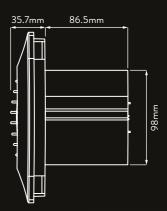


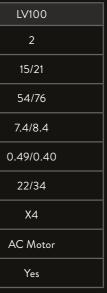
Specification

	DX100	
Speeds	2	
Extract Performance (1/s)	15/21	
Extract Performance (m ³ /h)	54/76	
Electrical Power Rating (W)	6.7/7.7	
Specific Fan Power (W/I/s)	0.45/0.37	
Sound Pressure Level (dBA@3M)	22/34	
IP Rating	X4	
Motor Type	AC Motor	
ErP Compliant	Yes	

Sound pressure testing carried out at ISVR, University of Southampton - February 2015.









Kit Includes*



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*Please note: kit supplied with DX100 and LV100 varies from the individual wall and window kits shown on pages 14 & 15.

Simply Silent[™] Shower Fan Complete

High power, in shower: grille-style extractor fans designed for in-shower installation

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

Because the Simply Silent[™] Shower Fan Complete is positioned directly in the shower cubicle itself, it's quick

Product information



MODELS		
	Design	Timer
93086AW	•	1

and easy to fit. Plus, it won't be subjected to the loft

space temperature extremes that in-line shower fans are.

Like the Simply Silent[™] DX100 range, the Simply Silent[™]

Shower Fan Complete has a traditional grille-style fascia.

Finished in cool white, this product is available with

Kit Includes

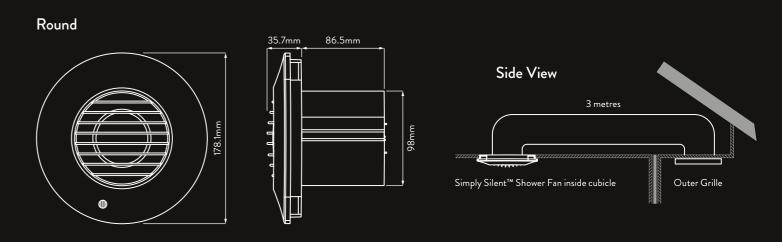
a round fascia.

- DX100BT extractor fan
- External grille
- 3M flexible ducting



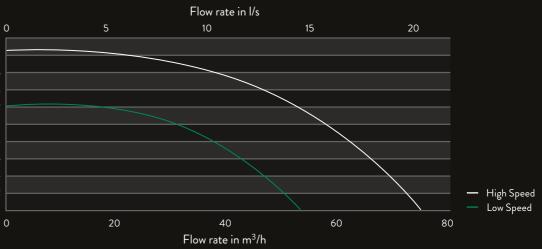


Simply Silent[™] Shower Fan Complete Technical data



Performance

18 16 14



Specification

	Shower Fan Complet
Speeds	2
Extract Performance (1/s)	15/21
Extract Performance (m ³ /h)	54/76
Electrical Power Rating (W)	6.7/7.7
Specific Fan Power (W/I/s)	0.45/0.37
Sound Pressure Level (dBA@3M)	22/34
IP Rating	X4
Motor Type	AC Motor
ErP Compliant	Yes

Sound pressure testing carried out at ISVR, University of Southampton - February 2015.



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Improving population health and well-being with innovative and energy efficient indoor air quality and air comfort solutions.

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Check out our full range of Kitchen Products

Kitchen Sinks

Stainless Steel Kitchen Sinks Granite Composite Kitchen Sinks Glass Kitchen Sinks Ceramic Kitchen Sinks Franke Kitchen Sinks

Kitchen Taps

Contemporary Kitchen Taps Traditional Kitchen Taps Franke Kitchen Taps Pull out Rinser Kitchen Taps Instant Boiling Water Taps

Insinkerator Waste Disposal Units

