

glenDimplex

Creda

Xpelair

REDRING

BURCO

# 2023

## Trade Catalogue



#### **Bathrooms**

Any electrical appliances installed in a bathroom should be fitted by a competent electrician in accordance with the current I.E.E. Regulations.

#### **Safety**

Dimplex products are designed to comply with the requirement of EN60335 part 1 of the British Standard covering the safety requirements of electric heating appliances, and momentary contact with any part of the heater should not cause injury. However, in order to be effective, heaters or towel rails of any type do get hot especially (if applicable) around the air outlet grille. Therefore if aged or infirm persons, or young children, are likely to be unsupervised in the vicinity of a heater we advise precautions should be taken. We recommend a guard is fitted around the heater, as is normal with many types of heating appliance in similar circumstances, to ensure contact with the heater is avoided and objects cannot be inserted into the product. Heating appliances should never be covered or positioned where objects may fall onto them.

#### **CE Mark**

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



#### **Plugs**

All portable appliances are supplied with a fitted plug. We do not recommend using an extension lead with our products.

#### **Specifications**

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

#### **Installation Guidance**

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

#### **The Dimplex Range**

Dimplex offers the widest range of electric space heating solutions in the UK. In addition to this publication, we have a number of more focused brochures. These can be ordered via our website. [www.dimplex.co.uk](http://www.dimplex.co.uk)

**Dimplex**<sup>®</sup>

Our purpose as an organisation is to be a leader in the transition to a sustainable world.

**Creda**

Glen Dimplex Heating & Ventilation is a leader in the development, manufacture and delivery of innovative and sustainable professionally installed heating, hot water and ventilation systems.

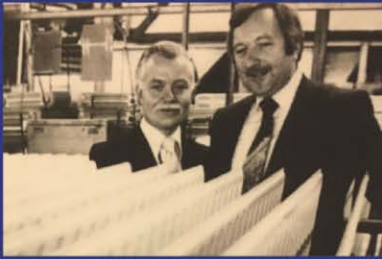
We are ideally placed to take advantage of the transition away from fossil fuels; with recognised brands and trusted products in the electrification of heat.

**Xpelair**<sup>®</sup>

Glen Dimplex Heating & Ventilation brings together leading brands within the sector, including: Dimplex, Xpelair, Redring, Creda, and Burco. With products ranging from smart electric heating systems using the latest control and communication technologies, to state of the art heat pump technologies, MEV & MVHR solutions and award winning electric showers.

**REDRING**

**BURCO**



# History and heritage

Founded in 1973 by Dr Martin Naughton, Glen Electric was a modest start up, with a dedicated team of just seven colleagues. This determined team worked tirelessly during a financial crisis and prospered. Just four years later they audaciously purchased Dimplex, a company eight times its size and the Glen Dimplex Group was formed.

Glen Dimplex Heating Ventilation is a division of the Glen Dimplex Group, the world's largest electrical heating business. Glen Dimplex holds significant market positions and has acquired and continues to develop leading brands that, when combined, have been at the forefront of the industry, defining and leading their markets for more than 760 years between them.

Burco's original company W.H. Dean established in 1895. As market leader in its sector, Burco was acquired by the Glen Dimplex Group in 1985 and was later introduced into the GDHV division in 2018

**BURCO**

1895

1929

**REDRING**

One of Redring's initial developments in the field of hot water solutions began with their radiant boiling plates for electric cooking. Since then, Redring has prioritised safety, quality and affordability. Acquired in 2006

Dimplex was one of the first pioneering companies in electric heating. They produced the first domestic storage heater in 1961, and since their beginning, Dimplex has been a trusted household name. Acquired by Glen Electric in 1977

**Dimplex**

1948



1968



With over 55 years of experience in the ventilation industry, Xpelair's commitment to creating fresh, clean air is supported by their inbuilt reliability and quality in every product. Acquired in 2006

Glen Electric Founded in 1973 by Dr Martin Naughton, Glen Electric was a modest start up, with a dedicated team of just seven colleagues. Manufacturing oil filled radiators which later became Glen Dimplex Group in 1977 as we know it today

1973

1987



Creda has always supported their cutting edge technology with contemporary product design, energy efficiency and convenience. With their flexibility and authenticity, Creda has become a dependable brand and was acquired by the group in 1987

Glen Dimplex Heating & Ventilation with all its leading brands remains the market leader in innovative and sustainable professionally installed heating, hot water and ventilation systems

2023





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## Sustainability

Glen Dimplex Heating & Ventilation is a global leader dedicated to the design and manufacture of sustainable, efficient and desirable heating and ventilation solutions.

With our 50 year heritage, we are continuously improving and looking for new ways to be more sustainable. We aim to put sustainability at the forefront of all decisions we make.

### Some of these include;

- Committing to be a net zero carbon business by 2050
- Developing a sustainability framework that ensures we are transforming our products, rethinking our resources, empowering our people, partnering for success and laying foundations for future generations
- Working towards the UN's Sustainable Development Goals

We aim to do more good for our planet and our society, not just less harm. We want to act on the social and environmental issues facing the world, while empowering our customers in their everyday lives with our products and solutions.





## Electrification

Electricity is decarbonising, With the grid becoming carbon neutral by 2035. This is a step towards the UK's legally bound commitment to become a Net Zero economy by 2050.

GDHV has committed to doing their part by signing up to the trade body BEAMA's 'Net Zero by Design'. Electrification of heat in homes is the next stage of transition towards this goal and GDHV is committed to being a part of that change.

The role of heat pump technology and demand flexibility in facilitating this electrification cannot be overstated and through our technologies we are enabling, through people like you, the transition to a sustainable world.





1

2

3

4

# Whole Home Heating

With nearly 25% of UK carbon emissions coming from our buildings, it is essential that fossil fuelled home systems are replaced with efficient, smart devices, that use renewable electricity to provide comfort.

Introducing the home of the future by Glen Dimplex Heating & Ventilation. An ecosystem of elegant, intuitive devices.

By bringing together the best products from our leading brands in heating, hot water and ventilation, you can achieve a whole house solution to supply comfort and control in one place from a trusted source.



1

## Xpelair ventilation

Indoor air quality has become a growing concern over the recent years. Choosing the right products for you could help achieve the clean, fresh and healthy air for your home. Xpelair includes a range of solutions, starting with Mechanical ventilation heat recovery, (d)MEV and a range of domestic and light commercial fans.

2

## Redring showering & hot water

Delivering outstanding shower and water heating solutions for both residential and commercial premises. With a product portfolio that spans a wide range of electric showers, instantaneous and stored water heaters, and beverage boiling water units.

3

## Dimplex Edel Hot water heat pump

Edel, an integrated air source heat pump and hot water cylinder. Available in 170L, 200L and 270L capacity models with a highly efficient heat pump which produces domestic hot water effectively and reduces dwelling emissions.

4

## Dimplex Quantum Storage heater

Quantum is the world's most advanced, lot 20 compliant and SAP accredited high heat retention storage heater. Designed, developed and manufactured in the UK by Dimplex, it stores up low-cost, off-peak energy to be used on demand through the day, making it the most economical electric heating on the market today.

5

## Creda electric heating

With over 40 years experience producing efficient electric heating products that offer specifiers and installers an attractive and simple range, compliant with new legislation and regulations.





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## Dimplex Control App

### Complete Comfort Control

The Dimplex Control App allows you to remotely monitor and manage your Dimplex Products\* to ensure optimum performance and comfort.

Dimplex Control allows you to group heaters into zones to track and adjust their usage. Any time, Anywhere.

To connect to your Dimplex products\* using the Dimplex Control App, you will also need a Dimplex Hub and for certain products a Radio Frequency Module (RFM).

### Intelligent features and benefits...

- Easy set-up with a step-by-step wizard. Simply connect your product\* to a Dimplex Hub and gain control through the app
- Zoned control for quick views and changes to your heating modes
- Remote access Monitor and control your heating from anywhere in the world using the Dimplex Control App\*\* and a mobile data connection
- Utilise Bluetooth to communicate directly with the Hub. This makes setup quick and never requires you to leave the app during setup\*\*
- Monitoring of energy usage



**Dimplex Hub provides connectivity and control by:**

- Creating a radio frequency network that supported Dimplex products can join
- Allowing connected Dimplex products to send and receive commands
- Enabling quick setup using the Dimplex Control app step-by-step wizard

Dimplex Hub acts as the bridge between radio frequency (RF) Dimplex products\* and the Dimplex Control Cloud server. This Hub connects via Ethernet or Wi-Fi.

**Technical Specifications**

Product model number: DimplexHub

**EAN: 5011139065698**

Radio Frequency connectivity | **Radio Frequency Module**

The RFM accessory module brings RF (Radio Frequency) connectivity to compatible products, allowing Dimplex products\* to send and receive commands via Dimplex Hub and be controlled remotely via the Dimplex Control app\*\*.

The Radio Frequency Module (RFM) adds RF communication to supported products to enable compatibility with Dimplex Control.

**Technical Specifications**

Product model number: RFM

**EAN: 5011139071569**



**For full technical specifications, see page 51.**

\*Only specific heater models and series letters are supported. Compatible products may require additional hardware. Read the remainder of this brochure or check our Dimplex Control Compatibility web page [www.dimplex.co.uk/control](http://www.dimplex.co.uk/control) for details of compatible products.

\*\*App control requires download and usage of the Dimplex Control app onto a compatible device. Dimplex Control requires the creation of a Dimplex Control account and is subject to agreement of the GDHV Internet of Things (IoT) Terms and Conditions, Privacy Policy and Cookie Policy.

# The Dimplex Control Platform

## What's it all about?

Control and monitor your heating and hot water with Dimplex Control. Group heaters into zones to easily control and track their energy usage. Any time. Anywhere.

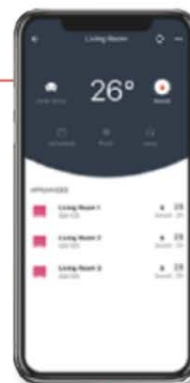
- Control over comfort and cost
- Sustainable use of energy to avoid waste
- Convenient, simple heating adjustments
- Attractive choice of heaters



Product requires  
Dimplex Hub  
sold separately



Product requires  
Radio Frequency Module  
sold separately



**Dimplex  
Control App**  
Page 12



**Dimplex Hub**  
Page 13



**Radio  
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Page 13





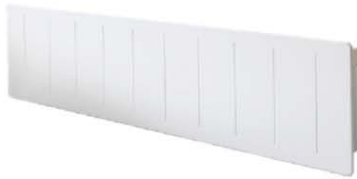
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Dimplex

STORAGE HEATER

# Quantum



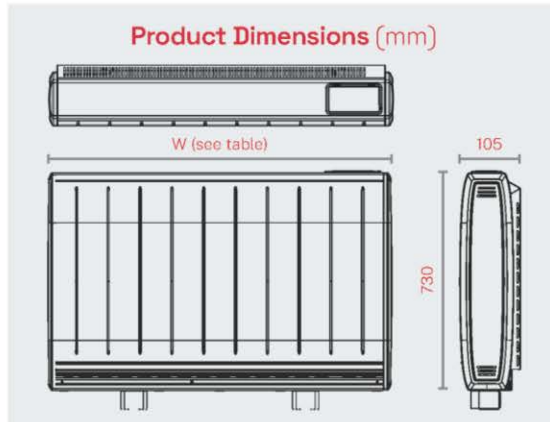
## Intelligent electric heating whenever you need it

Quantum is the world's most advanced, lot 20 compliant and SAP accredited high heat retention storage heater. Designed, developed and manufactured in the UK by Dimplex, it stores up low-cost, off-peak energy to be used on demand through the day, making it the most economical electric heating on the market today. Quantum has three customisable heating timers, each with four time and temperature settings for each day of the week and can intelligently adapt to match the climate and your lifestyle, delivering heat only when it is needed - 24 hours a day.

**5**  
**YEAR**  
UK Manufacturer  
**GUARANTEE**

**IPX4**  
RATED

# High heat retention storage heater | Quantum



Intertek



Dimplex Control

See page 14-15 for details



## Key Features

- Built-in RF module as standard.
- Complies with Lot 20 of ERP Directive.
- Meets criteria for SAP High Heat Retention Storage Heater.
- Customisable heating with four time and temperature settings per day.
- Dynamic, intelligent charge calculation stores only the energy you need.
- Adaptive start pre-heating and open window detection auto-shutdown.
- Smartphone app controllable when paired with a Dimplex Control Hub (Purchased separately)
- Up to 27% cheaper to run than a standard storage heater system\*

\*According to independent testing

Model	Input rating +5%/-10%(W)	Output rating (kW)	Boost mode rating (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	Installed weight(kg)	Energy pack requirement
QM050RF	1020	0.50	400	730	580	185	27.2	66	4
QM070RF	1560	0.70	630	730	703	185	24.8	83	6
QM070RF	2220	1.00	880	730	865	185	29.4	107	8
QM125RF	2760	1.25	1130	730	1069	185	38	135	10
QM150RF	3300	1.50	1300	730	1069	185	38.6	135	12

# XLE | Slimline storage heater

## Key Features

### Controls

Digitally controlled electronic thermostat accurate to (+/-0.2°C).

**Timer Modes:** 7 Day Programmable User Timer

**Pre-programmed Timer Modes:** Out All Day, Home All Day, Away.

**Continuous Heat Modes:** Setback.

- Graphical display with RGB backlight
- Capacitive buttons with audio feedback
- User replaceable battery (coin-type)

### Controller Functions

- Open window detection
- Automatic Charge Control
- History/Reporting Screens
- Boost Mode, User Adjustable
- Heat Demand % Adjustment
- Bluetooth for software updates
- Child lock & Landlord lock (PIN Based)

### Safety Features

Electronic overheat protection.  
Additional electromechanical overheat protection.  
LVD and EMC compliance.

### Colour/Finish

Metal Chassis & Control Moulding – Traffic White (RAL9016) Grille – RAL703 anodised.

### Storage Core

High-density bonded magnetite energy cells.

### Supply

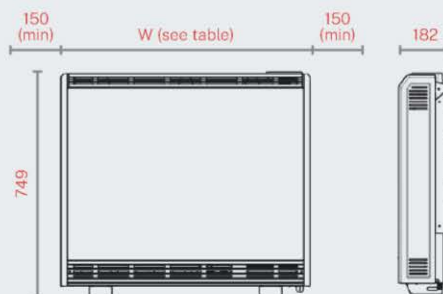
1/N/PE 230-240V/50Hz (Peak/Off-Peak) Class II.



Intertek



## Product Dimensions (mm)



Model	Input rating +5%/-10%(W)	Output rating (kW)	Boost mode rating (W)	Height (mm)	Width (mm)	Depth (mm)	Installed weight (kg)	Energy pack requirement
XLE050	1020	0.50	340	749	581	182	63	4
XLE070	1560	0.70	520	749	703	182	85	6
XLE100	2220	1.00	740	749	825	182	107	8
XLE125	2760	1.25	920	749	947	182	133	10
XLE150	3300	1.50	1100	749	1069	182	155	12





**Dimplex Control**  
See page 14-15  
for details



**Intertek**

## Key Features

### Controls

- Digitally controlled electronic thermostat accurate to (+/-0.2°C)
- Build in RF module as standard

**Pre-programmed Timer Modes:** Out All Day, Home All Day, Away.

**Smartphone app controllable:** when paired with a Dimplex Smart Hub. (Purchased separately)

**Continuous:** Manual, Eco, Off, Frost Protect.

- Graphical display with RGB backlight
- Capacitive buttons with audio feedback
- User replaceable battery (coin-type)

### Controller Functions

- Open window detection
- Adaptive start
- Advanced time period for timer operation
- Adjustable max set point range (7-32°C)
- Bluetooth for software updates
- Child lock and landlord lock (pin based)

### Safety Features

- Two auto reset cut-outs, one for each element
- Thermal fuse protection on front element

### Colour/Finish

Metal Chassis, Air Outlet Grille & Control Moulding – Traffic White (RAL9016).

### Element

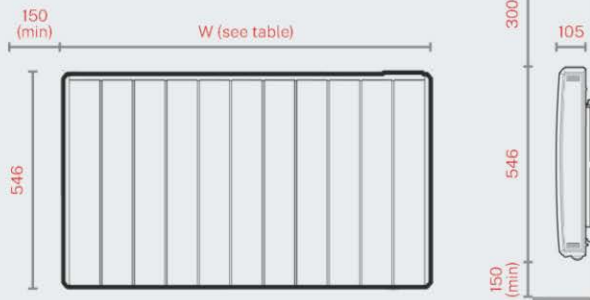
**A perfect blend of radiant and convected heater:**  
Dual heating elements: Compact, finned, mineral filled sheathed element+ aluminium sheet heating element

Radiant –Far infra red heat technology.

### Supply

- 1.3 metres fitted, 3 core for fused spur installation
- 1/N/PE ~230-240V, 50Hz Class I with earth wire

## Product Dimensions (mm)



Model	Output (kW)	Convective (W)	Radiant (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
QRAD050RF	0.50	301	199	546	513	105	7.1
QRAD075RF	0.75	551	199	546	513	105	7.1
QRAD100RF	1.00	714	286	546	675	105	8.7
QRAD150RF	1.50	1213	287	546	756	105	9.4
QRAD200RF	2.00	1660	340	546	918	105	11.0

These products are compatible with Dimplex Control. See page 14-15 for more details.



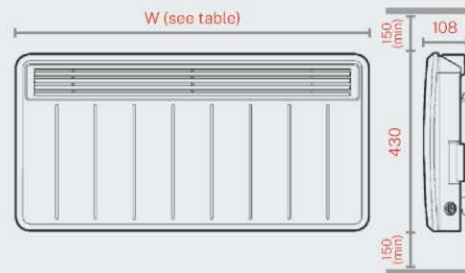
## PLXENC | Panel Heater

### Key Features

- Tamper-proof panel heater
- 24/7 timer with 4 time and temperature settings (Via ConfigR APP)
- Up to 4 hour boost (Via ConfigR APP)
- Adaptive start pre-heating (Via ConfigR APP)
- Requires additional purchase of DWC (Dimplex Wall Controller)
- Complies with Lot 20 of the ERP directive



### Product Dimensions (mm)



Intertek

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
PLX050ENC	0.50	430	450	108	4.6
PLX075ENC	0.75	430	620	108	5.9
PLX0100ENC	1.00	430	620	108	5.9
PLX0125ENC	1.25	430	690	108	6.1
PLX0150ENC	1.50	430	690	108	6.1
PLX0200ENC	2.00	430	860	108	7.8

## DWC | Dimplex Wall Controller

### Key Features

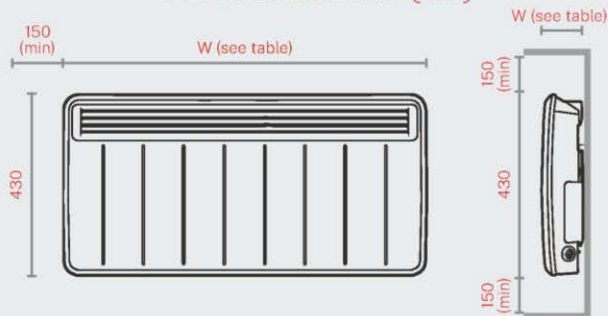
- Each DWC unit communicates with a single paired PLXE NC Panel Heater via Bluetooth Low Energy, allowing restricted programmed heater commands
- User interface for (No Controls) Panel Heaters that are without onboard controls
- Quick set-up using the ConfigR App's step-by-step wizard enables full configuration at installation
- Diagnostics, over the air, and firmware updates can be carried out between the Dimplex Wall Controller to the PLXE NC using the ConfigR App
- Digitally controlled, electronic thermostat accurate to ( $\pm 0.2^{\circ}\text{C}$ ) with a setpoint range of 7 to 26 $^{\circ}\text{C}$
- Manual and boost modes





**Dimplex Control**  
See page 14-15  
for details

### Product Dimensions (mm)



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (mm)
PLX050E	0.50	430	450	108	4.6
PLX075E	0.75	430	620	108	5.9
PLX100E	1.00	430	620	108	5.9
PLX125E	1.25	430	690	108	6.1
PLX150E	1.50	430	690	108	6.1
PLX200E	2.00	430	860	108	7.8
PLX300E	3.00	430	860	143	8.7

These products are compatible with Dimplex Control. See page 14-15 for more details.

## Key Features

### Controls

Digitally controlled electronic thermostat accurate to (+/-0.2°C).

**Timer Modes:** 7 Day Programmable User Timer.

**Pre-programmed Timer Modes:** Out All Day, Home All Day, Away.

**Continuous Heat Modes:** Eco, Manual, Frost Protect, Setback, Runback, Off.

- Graphical display with RGB backlight
- Capacitive buttons with audio feedback
- User replaceable battery (coin-type)

### Controller Functions

- Open window detection
- Adaptive start
- Advanced time period for timer operation
- Adjustable max set point range (7-32°C)
- Bluetooth for software updates
- Child lock & Landlord lock (PIN-based)

### Safety Features

- Thermal cut-out. Auto reset type
- Overheat detection

### Colour/Finish

Metal Chassis, Air Outlet Grille & Control Moulding –Traffic White (RAL9016).

### Element

Compact, finned, mineral filled sheathed element.

### Supply

- 1.3 metres fitted, 3 core for fused spur installation
- 1/N/PE ~230-240V, 50Hz Class I with earth wire



## LSTE | Low surface temperature panel heater

The Dimplex LSTE low surface temperature panel heater meets the requirements of the NHS directive advising a maximum contact temperature of 43°C, making it safe for use in the healthcare and education environments, protecting children, the elderly and other vulnerable people.

### Key Features

#### Controls

- Digitally controlled, Electronic Thermostat accurate to ( $\pm 0.2^{\circ}\text{C}$ )
- Timer modes: 7 Day Programmable User Timer, Out All Day, Home All Day
- Continuous heat modes: Eco, Manual, Frost Protect
- Additional modes: Away, Boost, Setback

#### Controller UI

- Graphical display with RGB backlight
- Capacitive buttons with audio feedback
- User replaceable battery (Coin-Type)

#### Controller Functions

- Open window detection, Adaptive-start,
- Advance time period
- Wide SP range ( $7\text{-}30^{\circ}\text{C}$ )
- Bluetooth for software updates
- Child Lock & Heater Lock (PIN-based)

#### Safety

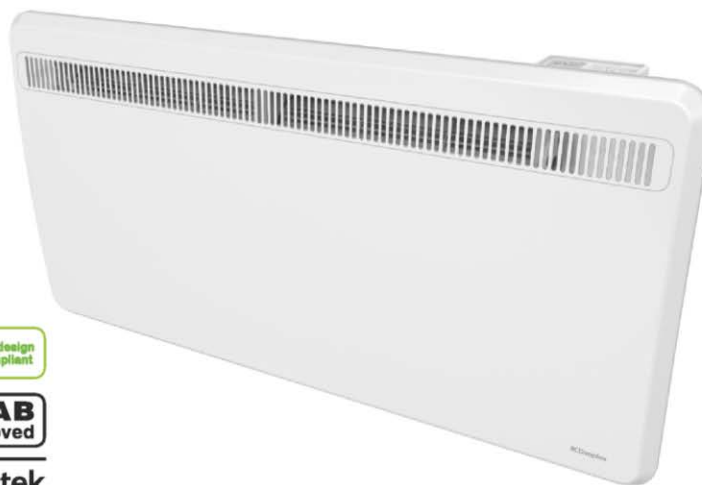
- Thermal cut-out. Auto reset type
- Overheat detection

#### Supply

- 1.3 metres fitted, 3 core for fused spur installation, 1/N/PE ~230-240 V, 50Hz
- Class I, with earth wire

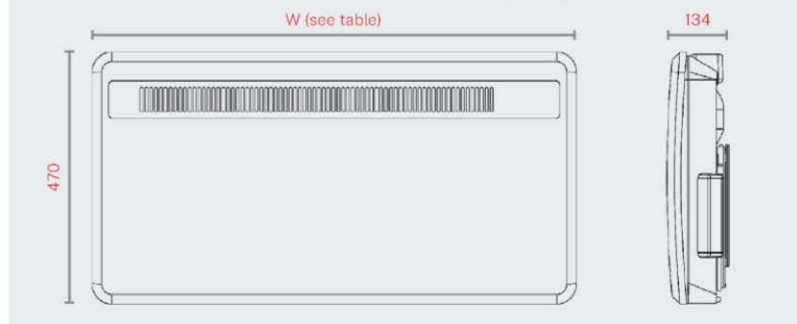
#### Colour / Finish

- Metal Chassis, Air Outlet Grille & Control Moulding in Traffic White (RAL 9016)



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### Product Dimensions (mm)



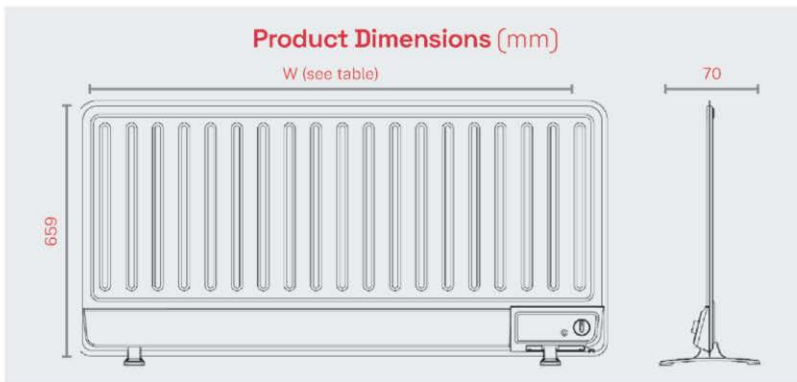
Model	Output (kW)	Width (kW)	Height (mm)	Depth (mm)	Weight (mm)
LST050E	0.5	763	470	134	9.4
LST075E	0.75	763	470	134	9.4
LST100E	1.00	763	470	134	9.4
LST150E	1.5	900	470	134	10.6







Mk1E oil-filled radiators are suitable for both domestic and commercial premises, providing a balance of convected and radiant heat, just like a conventional radiator. Now with additional software features such as 7-day timer and energy-saving adaptive start technology, this product complies with Lot 20 of ERP Directive.



Model	Output (kW)	Width (mm)	Height (mm)	Depth (mm)	Weight (mm)
B075E	0.75	570	659	70	10.5
C100E	1.00	840	659	70	15
D150E	1.5	1105	659	70	19.5
E200E	2.00	1373	659	70	24

## Key Features

### Controls

- Digitally controlled, Electronic Thermostat accurate to ( $\pm 0.2^{\circ}\text{C}$ )

### Timer modes

- 7-day programmable user timer

### Continuous heat modes

- Manual, Frost protect, Setback, Runback, Off

### Controller UI

- Segmented display with white backlight
- Capacitive buttons with audio feedback
- User replaceable battery (Coin-Type)

### Controller Functions

- Open window detection, Adaptive-start, Advance time period
- Adjustable max SP range ( $7-32^{\circ}\text{C}$ )
- Bluetooth for software updates

### Safety

- Auto reset thermal cut-out
- Overheat detection

### Supply

- 1.3 metres with fitted UK plug 1/N/PE
- ~230-240 V, 50Hz -Class I, with earth wire

### Colour / Finish

- Metal chassis, Air outlet grille and control moulding in Traffic White (RAL 9016)



**Intertek**



# DTD Alta Wi-Fi Panel



DTD Alta panels feature built-in Wi-Fi with direct connection to your network, allowing the panel to be controlled remotely. Also includes intuitive user controls, and 7-day timer via the CAPA Connect APP.

Available in standard 40cm height and 20cm height low profile for use on low profile walls as in conservatories and under windows.

**Dimplex CapaConnect** allows you to control Wi-Fi compatible heaters from Dimplex. By reducing the heating during periods when you are asleep or away, energy is saved without compromising your comfort. Organise your heaters in zones and create weekly schedules for them to follow.



### Product Dimensions (mm)



Model	Output (kW)	Width (kW)	Height (mm)	Depth (mm)	Weight (mm)
DTD2R 05	0.5	725	200	90	3.1
DTD2R 07	0.75	1025	200	90	4.2
DTD2R 10	1.00	1325	200	90	5
DTD2R 12	1.25	1525	200	90	5.2
DTD4R 05	0.5	525	400	90	3.6
DTD4R 07	0.75	625	400	90	4.2
DTD4R 10	1.00	725	400	90	5
DTD4R 15	1.5	1025	400	90	5.8
DTD4R 20	2.00	1125	400	90	7.5

## Key Features

### Controls

- Digitally controlled, Electronic Thermostat accurate to ( $\pm 0.2^{\circ}\text{C}$ ). Setpoint range ( $7\text{-}30^{\circ}\text{C}$ )
- 7 Day Programmable User Timer which allows for 7 periods per day
- Modes - Normal (timer), Comfort, Eco, Away and Off

### Controller UI

- Digital segmented display with neon graphics
- Capacitive buttons.
- Time memory through super cap

### Controller Functions

- Wi-Fi for software updates
- Child Lock & Heater Lock (button-based)

### Safety

- Thermal cut-out. Auto reset type

### Supply

1.3 metres fitted, 2 core for fused spur installation, 1/N -230-240 V, 50Hz Class 2, without earth wire.

### Colour / Finish

- Metal Chassis in Traffic White (RAL 9016)
- Additional clip-on glass available in white and anthracite



### Clip-on Glass, Upgrade your home

It is always exciting to try something new. The innovative Clip-On Glass changes the look of your home in just a few seconds without any tools. The result is a clean and elegant glass surface. As it has no bolts it can easily be replaced to match your ever-changing needs. Available in two colours, white and anthracite

# Monterey & Saletto | Panel heaters

## Key Features

### Controls

Digitally controlled electronic thermostat accurate to (+/-0.2°C).

**Timer Modes:** 7 Day Programmable User Timer.

**Pre-programmed Timer Modes:**  
Out All Day, Home All Day, Away.

**Continuous Heat Modes:** Eco, Manual, Frost Protect, Setback, Runback, Off.

- Graphical display with RGB backlight
- Capacitive buttons with audio feedback
- User replaceable battery (coin-type)

### Controller Functions

- Open window detection
- Adaptive start
- Advanced time period for timer operation
- Adjustable max set point range (7-32°C)
- Bluetooth for software updates
- Child lock & Landlord lock (PIN-based)

### Safety Features

- Thermal cut-out. Auto reset type
- Overheat detection

### Colour/Finish

Metal Chassis, Air Outlet Grille & Control Moulding – Traffic White (RAL9016).

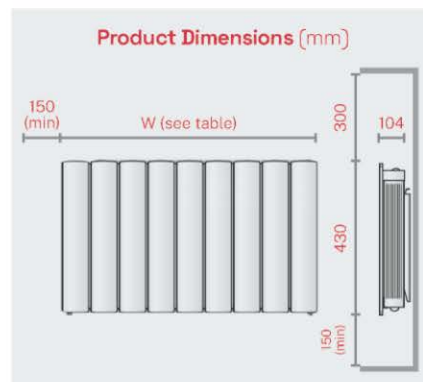
### Element

Compact, finned, mineral filled sheathed element.

### Supply

- 1.3 metres fitted, 3 core for fused spur installation
- 1/N/PE ~230-240V, 50Hz Class I with earth wire

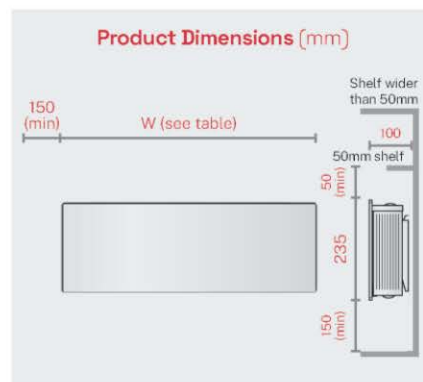
## Monterey Panel heater



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (mm)
MFP050E	0.50	536	503	104	11.3
MFP075E	0.75	536	503	104	11.3
MFP100E	1.00	536	671	104	14
MFP150E	1.50	536	741	104	15.4
MFP200E	2.00	536	911	104	18.3

## Saletto

### Low profile panel heater



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (mm)
LPP050E	0.50	235	746	100	6.7
LPP075E	0.75	235	746	100	6.7
LPP100E	1.00	235	877	100	7.6
LPP150E	1.25	235	1142	100	9.9



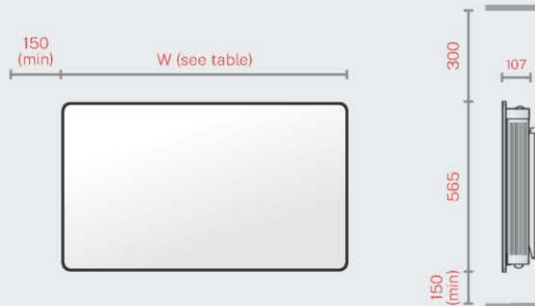


**Dimplex Control**  
See page 14-15  
for details



**Intertek**

### Product Dimensions (mm)



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (mm)
GFP050WE	0.50	565	530	107	13.4
GFP075WE	0.75	565	530	107	13.4
GFP100WE	1.00	565	700	107	16.9
GFP150WE	1.50	565	770	107	18.6
GFP200WE	2.00	565	940	107	22.1
GFP050BE	0.50	565	530	107	13.4
GFP075BE	0.75	565	530	107	13.4
GFP100BE	1.00	565	700	107	16.9
GFP150BE	1.50	565	770	107	18.6
GFP200BE	2.00	565	940	107	22.1

## Key Features

### Controls

Digitally controlled electronic thermostat accurate to (+/-0.2°C).

**Timer Modes:** 7 Day Programmable User Timer.

**Pre-programmed Timer Modes:** Out All Day, Home All Day, Away.

**Continuous Heat Modes:** Eco, Manual, Frost Protect, Setback, Runback, Off.

- Graphical display with RGB backlight
- Capacitive buttons with audio feedback
- User replaceable battery (coin-type)

### Controller Functions

- Open window detection
- Adaptive start
- Advanced time period for timer operation
- Adjustable max set point range (7-32°C)
- Bluetooth for software updates
- Child lock & Landlord lock (PIN-based)

### Safety Features

- Thermal cut-out. Auto reset type
- Overheat detection

### Colour/Finish

Metal Chassis, Air Outlet Grille & Control Moulding –Traffic White (RAL9016) on WE models, black on BE models.

### Element

Compact, finned, mineral filled sheathed element.

### Supply

- 1.3 metres fitted, 3 core for fused spur installation
- 1/N/PE ~230-240V, 50Hz Class I with earth wire



# Edel RF 170 / 200 / 270

The Dimplex Edel Hot Water Heat Pump is a low carbon solution designed for residential apartments and houses. It uses an air source heat pump to provide highly efficient domestic hot water, with COPs up to 3.36. The innovatively efficient patented aluminium heat exchanger means the Edel consumes up to 5 times less than a standard electric water heater, enabling energy savings up to 80% on domestic hot water production.

The compact unit is sited internally with external ducting, meaning renewable targets can be achieved without the need for externally visible building services. The three model sizes make the Edel a suitable solution for many applications, from apartment developments to four-bedroom homes.





### Key Features

- **Aids in achieving compliance**  
With regional regulations as well as being listed in SAP Appendix Q
- **COP up to 3.36**  
Consuming up to 5 times less than a standard electric water heater
- **Flexible placement**  
Within the dwelling often within service cupboards, garages and utility rooms
- **Low operational noise**  
Due to compressor design and anti-vibration pads
- **Built-in defrost mode**  
Making it suitable for use in temperatures between -7 and 35°C



**Dimplex Control**  
See page 14-15  
for details

Dimplex Edel Model		170	200	270
Model		EDL170-520RF COMPLETE	EDL200UK-630RF	EDL270UK-630RF
Part Number		400001350	101587	101594
Nominal Volume	Litres	170	200	270
Dimensions	mm (Ø x H)	520 x 1760 + (300 to 556-Tripod stand)	630 x 1460	630 x 1780
Weight Without Packaging	kg	58	56.5	63
Electrical Supply		230V-50Hz-8A		
Heating Time from cold		10hr24	7h15	9h48
COP (A7/W53)		2.85	3.36	3.30



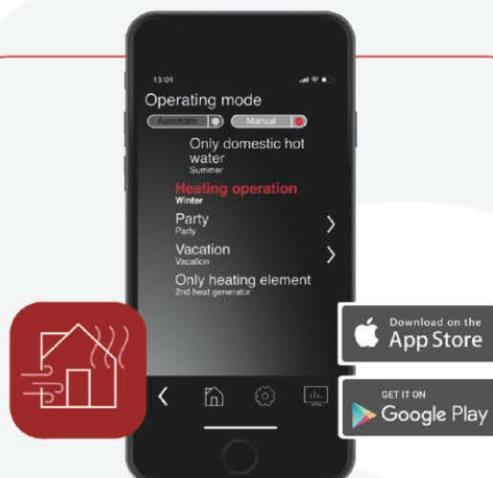
\*5 years on Cylinders - 2 years on other parts

# System S



**System S** is a split air-to-water heat pump system for domestic comfort control. Created by Dimplex, it is ideally suited for energy efficient heating and hot water production in new build properties. It has been designed as a low carbon, high efficiency system for detached and semi-detached houses, with plug and play installation and simple controls for intuitive operation.

Utilising intelligent inverter technology, the system can operate in outdoor temperatures down to  $-25^{\circ}\text{C}$  producing domestic hot water up to  $60^{\circ}\text{C}$ . The solution uses refrigerant R32, which has a low GWP. This creates a more environmentally friendly solution which improves the building's carbon footprint.



Smart Control.

### The Dimplex Home App.

With the Dimplex Home app, the control of the heat pump system can be accessed at any time and from anywhere.

With the intuitively designed app interface, occupants can set different temperatures for individual rooms, schedule the start of heating at specific times or activate holiday mode when away. By connecting to System S, there is more control to heat the dwelling efficiently and sustainably.







## Key Features

- **Suitable for a range of applications**  
Available in two output sizes and equipped with modern inverter technology to supply heating and hot water to new residential dwellings
- **High efficiency** – Utilising efficient operation to produce low carbon hot water up to 60°C and remain operational in outdoor temperatures as low as -25°C. It offers cost effective energy with a COP up to 5 (A7/W35)
- **Smart operation** – Via the Dimplex Home App, which allows occupants easy control on the go. The premium version allows installers to access automatic notification in the event of faults, graphical evaluation of device data and troubleshooting help
- **Environmentally friendly** – Thanks to the low GWP R32 Refrigerant and a maximum filling quantity of 1.8kg
- **Space-saving** – With a maximum height of 865mm for the 10kW and 712mm for the 6kW outdoor unit. The indoor unit has a footprint of just 595 x 600mm and has been designed to be ‘plug and play’ with key features and components integrated for rapid installation time into the building surroundings

Product Model Part No.	System S: 6kW LIA 0608HWCF MS 400001377	System S: 10kW LIA 0911HWCF MS 400001378
Heating water outlet range (°C)	12 - 60	12 - 60
Dimensions (W x H x D) Indoor unit (mm)	595 x 1880 x 600	595 x 1880 x 600
Dimensions (W x H x D) Outdoor unit (mm)	1008 x 712 x 426	1118 x 865 x 523
Indoor unit volume (L)	210L	210L
Heat Output / COP - EN 14511 A7 / W35	6.2 / 5.0	10.0 / 5.0

# System H

**System H** is a monobloc air-to-water propane heat pump engineered to offer efficient and reliable heating. It utilises inverter technology to modulate compressor output to demand, making it ideal for homes built to new compliance standards with low heating requirements.

It produces domestic hot water without the reliance on electrical immersion in temperatures as low as  $-20^{\circ}\text{C}$ . System H uses propane (R290) to reduce its environmental impact whilst maximizing thermodynamic performance. The dual service indoor cylinder connects to the outdoor unit to provide hot water and space heating to the dwelling, as well as housing the system controls. It contains a 170L domestic hot water tank and a 3kW programmable electrical back-up for peace of mind.



## **Intuitive system controls integrated within the indoor unit.**

System controls features.

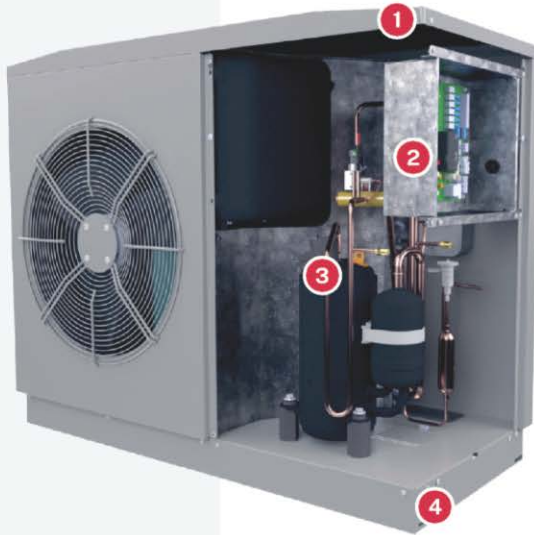
- Can be set up in multiple languages.
- Set and control temperatures for home heating and water.
- Holiday mode.
- Boost system to speed up water heating time.



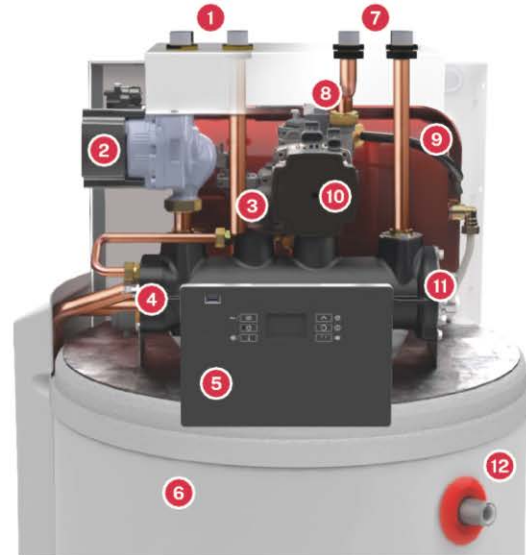
Product Model Part No.	System H6 HTI6 170 MS 400001365	System H8 HTI8 170 MS 400001366
Heating water outlet range (°C)	7-70	7-70
Dimensions (W x H x D) Indoor unit (mm)	571 x 1725 x 542	571 x 1725 x 542
Dimensions (W x H x D) Outdoor unit (mm)	1035 x 820 x 450	1035 x 820 x 450
Indoor unit volume (L)	170	170
Heat Output / COP - EN 14511 A7 / W35	4.06 / 4.73	5.72 / 4.85

## Key Features

- **Efficient operation** – 6kW and 8kW units with an SCOP up to 4.83 (W35)
- **Innovative modulation capacity** – Offering a wide capacity operation of 15-100%
- **High temperature output down to -10°C** – Sterilisation (60°C) of water capable without back-up heater
- **Ecological refrigerant** – Using propane (R290), a natural and non-toxic refrigerant
- **Delivering electrical savings** – Requiring a simple power supply of just 16A
- **Reverse Cycle defrost** – No buffer required



1. A strong and corrosion-resistant metal container
2. Easy access electrical box
3. High efficiency compressor with high modulation ratio
4. Pre-assembled transport straps



1. Heating circuit
2. Heating circulator
3. 3-way valve
4. Cast-iron module
5. System H controls
6. 170L integrated water tank
7. Heat pump purger
8. Automatic purger
9. 8 litre expansion vessel
10. Heat pump circulator
11. 3kW programmable electrical back-up
12. KIWA approved

# QWcd | Quantum, the world's most advanced direct-electric hot water cylinder

## Key Features

### Controls

Electronic thermostatic control with internet-connected smartphone app connectivity for remote operation (a DimplexHub is required).

### Safety Features

- Manual reset thermal cut-out
- Legionella purge

### Colour/Finish

Black.

### Element

1 ¾" M BSP 3kW immersion and boost element.

### Supply

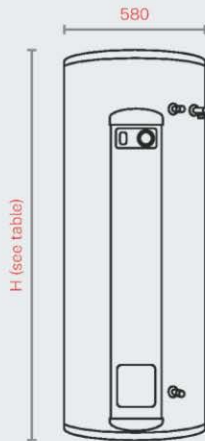
1/N/PE 230-240V, 50Hz (Peak/Off Peak).

C



**Dimplex Control**  
See page 14-15  
for details

## Product Dimensions (mm)



Model	Volume (L)	Height (mm)	Diameter (mm)	T&P Valve (mm)	Reheat (mins)
QWcd125-580RF	125	945	580	24	122
QWcd150-580RF	150	1115	580	27	150
QWcd210-580RF	210	1490	580	34	218



# EC Unvented Stainless Steel Direct Hot Water Cylinders | ECsd Direct Water Cylinder

C



## Key Features

### Controls

Mechanical thermostat control.

### Safety Features

Manual reset thermal cut-out.

### Colour/Finish

Black.

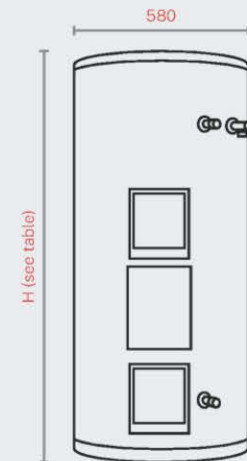
### Element

Electronic thermostat control.

### Supply

1 3/4" M BSP 3kW immersion and boost element.

## Product Dimensions (mm)



Model	Capacity (L)	Height (mm)	Diameter (mm)	Weight (kg)	Reheat (mins)
ECsd125-580	125	945	580	23	122
ECsd150-580	150	1115	580	27	150
ECsd175-580	175	1265	580	29	170
ECsd210-580	210	1490	580	34	218

**25**  
YEAR  
Inner Cylinder  
UK manufacturer  
on parts and labour  
**GUARANTEE**

**2**  
YEAR  
Immersion heaters  
UK manufacturer  
**GUARANTEE**  
(including the effects of limescale)

**2**  
YEAR  
UK Manufacturer  
**GUARANTEE**

## BPH | Bathroom panel heater

### Key Features

#### Controls

Digitally controlled electronic thermostat accurate to (+/-0.2°C).

**Timer Modes:** 7 Day Programmable User Timer.

**Pre-programmed Timer Modes:** Out All Day, Home All Day, Away.

**Continuous Heat Modes:** Eco, Manual, Frost Protect, Setback, Runback, Off.

- Graphical display with RGB backlight
- Capacitive buttons with audio feedback
- User replaceable battery (coin-type)

#### Controller Functions

- Open window detection
- Adaptive start
- Advanced time period for timer operation
- Adjustable max set point range (7-32°C)
- Bluetooth for software updates
- Child lock

#### Safety Features

- Overheat detection
- Thermal cut-outs

#### Colour/Finish

Metal or Tinted Mirror.

#### Supply

- 1.3 metres fitted, 3 core for fused spur installation
- 1/N/PE ~230-240V, 50Hz Class I with earth wire



Intertek



**Dimplex Control**  
See page 14-15  
for details

Model	Finish	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
BPH100G	Mirrored glass	1	1073	418	271	16.2
BPH100M	White metal	1	1100	430	265	9.7





Pictured: TDTR175W



Pictured: TDTR350C

## Key Features

### Element

Submersion element with temperature limiter and fuse link.

### Thermal Cut-Out

Built-in temperature limiter and overheat protection.

### Colour/Finish

White powder coated or Chrome plated.

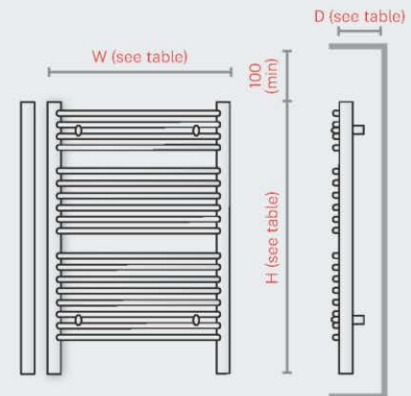
### Construction

Sealed steel shell. D-shaped upright bars. Vertical mounted element.

### Supply

- 1.0 metres fitted, 3 core for fused spur installation
- 1/N/PE ~230-240V, 50Hz Class I with earth wire
- Can be used with FSC wall controller (seen on page 39)

## Product Dimensions (mm)



Model	Colour	Output (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	No. of rails
TDTR175W	White	175	610	453	80-100	4.4	12
TDTR350W	White	350	843	602	95-115	7.9	18
TDTR175C	Chrome	120	610	453	80-100	4.4	12
TDTR350C	Chrome	250	843	602	95-115	7.9	18



# CPTS | Towel rail

## Key Features

### Element

Submersion element with temperature limiter and fuse link.

### Thermal Cut-Out

Built-in temperature limiter and overheat protection.

### Colour/Finish

White powder coated or Chrome plated.

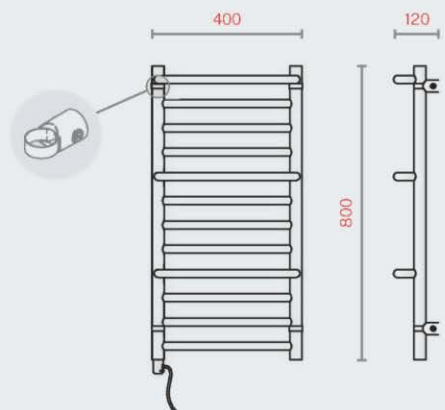
### Construction

Sealed steel shell. D-shaped upright bars. Vertical mounted element.

### Supply

- 1.0 metres fitted, 3 core for fused spur installation
- 1/N/PE ~230-240V, 50Hz Class I with earth wire

## Product Dimensions (mm)



Pictured: CPTS



Pictured: CPTSW

Model	Colour	Output (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	No. of rails
CPTS	Chrome	120	800	400	120	7.4	12
CPTSW	White	150	800	400	120	7.4	12







Pictured: FSCW

Pictured: FSCC

## Key Features

### Controls

- Allows the towel rail to be switched on or off, and for the surface temperature to be adjusted
- 'Eco' mode runs towel rail for 30mins on high, then 90 mins on low then off
- Temperature control – 100%, 85%, 70%, 55% and 40% of maximum (60°C)
- Compatible with all Dimplex towel rails

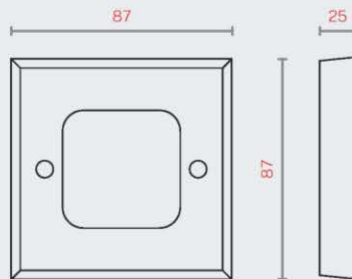
### Colour

White or Chrome.

### Cable Entry Point

Bottom left. No cable supplied.

## Product Dimensions (mm)



Model	Colour	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
FSCC	Chrome	87mm	87mm	25mm*	0.1
FSCW	White	87mm	87mm	25mm*	0.1

\*Total product depth is 25mm, 5mm of which will be recessed into the backbox.



## AC3RE | Over door heater with remote

### Key Features

#### Controls

Digitally controlled, accurate electronic thermostat.

**Timer Modes:** 7 Day Programmable User Timer.

**Continuous Heat Modes:** Manual, Runback, Fan Only, Off.

Off-board control only/requires pairing with Bluetooth remote.

#### Controller Functions

- Adaptive start
- Advanced time period for timer operation
- Adjustable max set point range (7-32°C)
- Bluetooth for control

#### Safety Features

2 x electrical hold reset cut-outs.

#### Colour/Finish

Pressed steel case with powder coat finish.  
Traffic White (RAL 9016).

#### Supply

None supplied.



Pictured: AC3RE

### Product Dimensions (mm)



Model	Output (kW)	Air Flow (m/s)	Noise dB (A)	Height (mm)*	Width (mm)	Depth (mm)	Weight (kg)
AC3RE	1.5/3	6.2	50.5	200	605	135	5.3

\*Add 14mm for total installed height.





Pictured: AC3N

## Key Features

### Controls

- On-board controls

### Controller Functions

- On/Off
- Two heat settings (Half Heat & Full Heat)

### Safety Features

2 x manual reset cut-outs  
(supply interrupt type on AC6N).

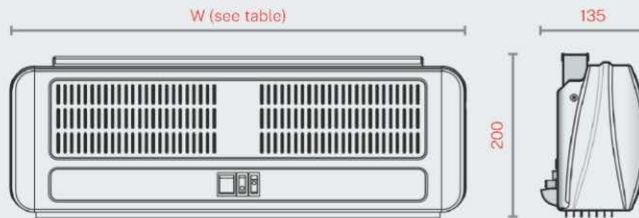
### Colour/Finish

Pressed steel case with powder coat finish.  
Traffic White (RAL 9016).

### Supply

None supplied.

## Product Dimensions (mm)



Model	Output (kW)	Air Flow (m <sup>3</sup> /h)	Max Air Speed	Length (mm)	Height (mm)*	Depth (mm)	Weight (kg)
AC3N	1.5/3	212	5	605	200	135	5.1
AC45N	2.2/4.5	248	5	605	200	135	5.2
AC6N	3/6	446	5.5	905	200	135	7.2

\*Add 14mm for total installed height.



## BFHE | Base unit heater with remote

### Key Features

#### Controls

Digitally controlled, accurate electronic thermostat.

**Timer Modes:** 7 Day Programmable User Timer.

**Pre-programmed Timer Modes:** Manual, Frost Protect, Runback, Off.

Bluetooth remote supplied with product as standard.

#### Controller Functions

- Adaptive start
- Advanced time period for timer operation
- Adjustable max set point range (7-32°C)
- Bluetooth for control

#### Safety Features

Electrical reset, self-hold cut-out.

#### Colour/Finish

Air Outlet Grille options supplied with all:

- Traffic White (RAL 9016)
- Brown
- Brushed Stainless Steel

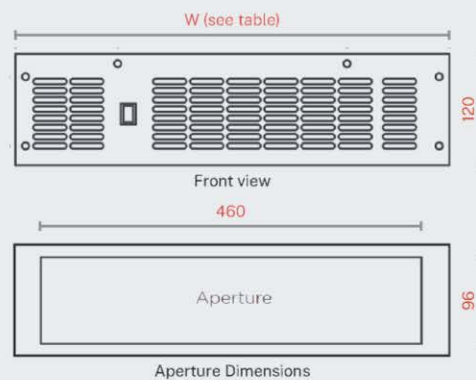
#### Supply

- 3 core for fused spur installation
- 1/N/PE ~230-240V, 50Hz Class I with earth wire



Intertek

### Product Dimensions (mm)



Model	Max. output (kW)	Optional output (W)	Height Front Cover (mm)	Height Chassis (mm)	Depth Front Cover (mm)	Depth Chassis (mm)	Weight (kg)
BFH24E	2.4	800, 1600	120	90	490	360	3.5





Pictured: FX20VE



Pictured: FX20EIPX4



**Intertek**

## Key Features

### Controls

- Factory-set 30 minute activation, activated and deactivated by pull cord

### Safety Features

- Electrical reset cut-out
- Non-resettable thermal fuse
- Resettable over heat detection electronic temperature limiter

### Colour/Finish

White plastic case.

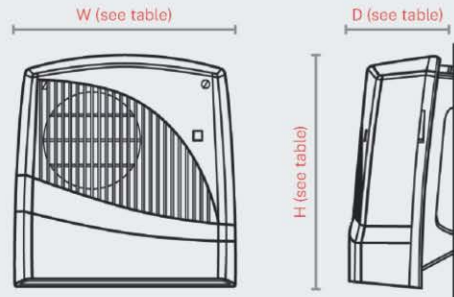
### Construction

Double insulated plastic case. Moulded in flame retardant self-extinguishing grade nylon.

### Supply

- 3 core for fused spur installation
- 1/N/PE ~230-240V, 50Hz Class I with earth wire

## Product Dimensions (mm)



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
FX20VE	1/2	242	229	109	1.1
FX20EIPX4	1/2	267	250	131	1.4



FX20VE



FX20EIPX4



# IRX | Infrared heater

## Key Features

### Controls

Built-in double-pole-pull-cord switch.

### Controller Functions

Half Heat/Full Heat/Off.

### Element

Quartz element.

### Safety Features

No cut-out on-board. Protection via RCD.

### Colour/Finish

Silver Grey.

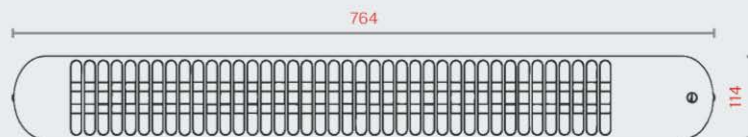
### Supply

• 1/N/PE ~230-240V, 50Hz Class I with earth wire



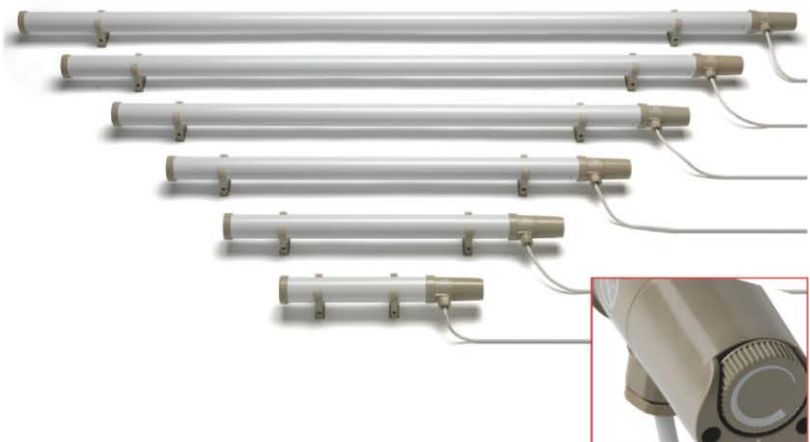
Intertek

## Product Dimensions (mm)



Model	Output (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
IRX60/120E	600/1200	114	764	93	2





## Key Features

### Controls

Rotary control.

### Controller Functions

Adjustable thermostat allowing frost protection and output selection.

### Safety Features

Automatic reset thermal cut-out.

### Colour/Finish

White/Grey.

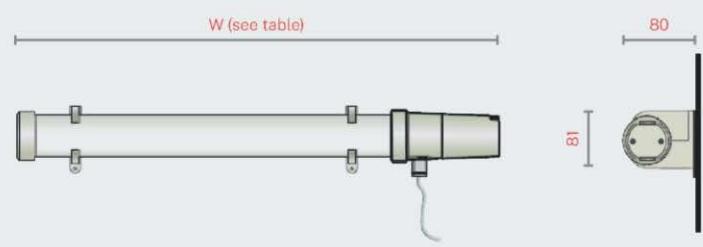
### Supply

1.5m cable fitted with plug.

### Accessories

TTHLK (linking kit)

## Product Dimensions (mm)



Model	Output (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
ECOT1FT	40	81	408	80	0.5
ECOT2FT	80	81	713	80	0.6
ECOT3FT	120	81	1018	80	0.8
ECOT4FT	160	81	1323	80	1.0
ECOT5FT	200	81	1630	80	1.1
ECOT6FT	240	81	1933	80	1.3



# RUG3TS | Workshop heater

## Key Features

### Controls

Rotary controls.

### Controller Functions

- Two heat settings (1.5kW/3.0kW)
- Cool blow
- Variable thermostat with frost setting

### Safety Features

- Built-in tilt switch.
- Overheat protection

### Element

Axial wire element.

### Colour/Finish

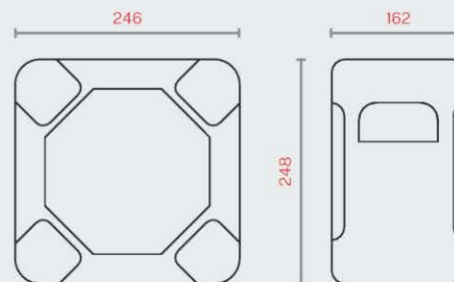
Black and yellow.

### Supply

230-240V~.



## Product Dimensions (mm)



Model	Output (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
IRX60/120E	600/1200	114	764	93	2



1 and 2 years with  
online registration  
at [dimplex.co.uk](http://dimplex.co.uk)



This super stylish 3kW QubeFan heater has premium high gloss finish and is ideal for spot heating, where instantaneous heat is required. It features integral carry handle, and its compact size will make it easy for you to move from room to room as desired.



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
Q3TSNH	3	253	235	155	1.8

### Key Features

**Controls**

Located on the top of the heater. 2 heat settings.

**Output**

3kW heat output.

**Controller Functions**

- Off / 1.5kW / 3.0kW

**Safety Features**

- Safety overheat protection
- Tilt switch

**Colour/Finish**

High gloss white.

**Supply**

230-240V~.



### Upright Fan Heater | **DEUF2N**

The Dimplex Essentials Upright Fan Heater with 2 heat settings is perfect to keep you warm in the cold winter months. It features a tilt switch, so if accidentally knocked over will power off.



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
DEUF2N	2	240	190	125	1

### Key Features

**Controls**

Located on the top of the heater. 2 heat settings.

**Output**

2kW heat output.

**Controller Functions**

- Off / 1.0kW / 2.0kW

**Safety Features**

- Safety Cut Out
- Safety overheat protection
- Tilt switch

**Colour/Finish**

Dark Grey and Light Grey.

**Supply**

230-240V~.



## FutuRad 2kW / 3kW | Oil-free Radiator with timer

The FutuRad is the future of all radiators thanks to the combination of innovative heat technology and its super modern design aesthetic. It boasts superfast warm up times when compared to oil filled equivalents thanks to its Thermocore XR (Extra radiant heat) Oil-free technology. In addition, as there is no oil it is an eco-friendly alternative to oil filled radiators.

### FutuRad 2kW

Oil-free Radiator with 12-hour runback timer

#### Key Features

##### Colour/Finish/Material

- White finish

##### Bluetooth control

- Yes

##### Controls

- Easy to read colour LED touch sensitive display
- 12 hour electronic run-back timer

##### Heat Output

- 2kW heat output

##### Heat Selection

- Off / 1.0kW/ 2.0kW



**10 YEAR**  
UK Manufacturer  
**GUARANTEE**  
(registration required)

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
FUTM2CE	2	630	590	285	8.4

### FutuRad 3kW

Oil-free Radiator with 24-hour timer

#### Key Features

##### Colour/Finish/Material

- White finish

##### Bluetooth control

- Yes

##### Controls

- Digital timer, Controls on the front of the heater
- 24 hour mechanical timer

##### Heat Output

- 3kW heat output

##### Heat Selection

- Off / 1.5kW/ 3.0kW



**10 YEAR**  
UK Manufacturer  
**GUARANTEE**  
(registration required)

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
FUTM3TStI	3	630	740	306	10

**ECR**

Oil-free Portable Radiator

**Key Features**

**Controls**

- Rotary thermostatic and heat selection controls

**Controller Functions**

- Frost setting
- Three heat settings
- Electronic timer on Tie model

**Safety Features**

- Safety tilt switch
- Over heat protection

**Element**

- Sheathed

**Colour/Finish**

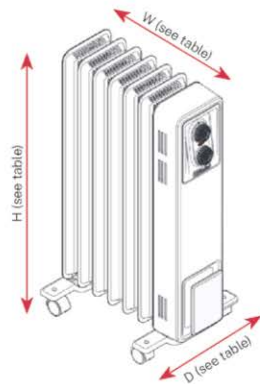
- White and dark grey

**Supply**

- 220-240V-



**Product Dimensions (mm)**



**Intertek**

**3 YEAR**

**GUARANTEE**

1 and 2 years with online registration at [dimplex.co.uk](http://dimplex.co.uk)

**OCR**

Oil-free Portable Radiator

**Key Features**

**Controls**

- Rotary thermostatic and heat selection controls

**Controller Functions**

- Frost setting
- Three heat settings
- Electronic timer on Tie model

**Safety Features**

- Safety tilt switch
- Over heat protection

**Element**

- Sheathed

**Colour/Finish**

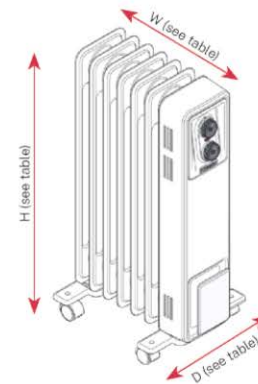
- White and dark grey

**Supply**

- 220-240V-



**Product Dimensions (mm)**



**Intertek**

**3 YEAR**

**GUARANTEE**

1 and 2 years with online registration at [dimplex.co.uk](http://dimplex.co.uk)

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	No. of fins
ECR15	1.50	630	389	281	8.4	7
ECR20	2.0	630	479	281	10.2	9
ECR20Tie	2.0	630	479	281	10.2	9

Model	Output (kW)	Heat Settings	Timer	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
OCR15	1.50	2	✗	630	354	281	10
OCR20	2.00	2	✓	630	435	281	11
OCR20Tie	2.00	2	✓	630	435	281	11

## OFXE | Oil-filled panel

OFXE oil-filled radiators are suitable for domestic and commercial premises, providing a balance of convected and radiant heat just like a conventional radiator, but with the added advantage of 'plug-in' portability.



### Key Features

- Oil-filled for uniform heat distribution
- Epoxy-polyester powder coated steel casing
- Neon 'Power On' indicator

#### Controls

- Manually adjustable rotary thermostat (5 to 30°C)

#### Safety

- Dual cut-outs, auto and manual reset

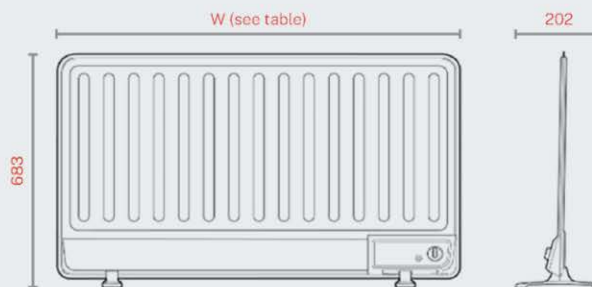
#### Supply

- 1.3 metres 3 core cable with fixed UK plug 1/N/PE  
~230-240 V, 50Hz, Class I, with earth wire

#### Colour / Finish

- Metal Chassis - Traffic white (RAL 9016)
- Control mouldings - Traffic white (RAL 9016)

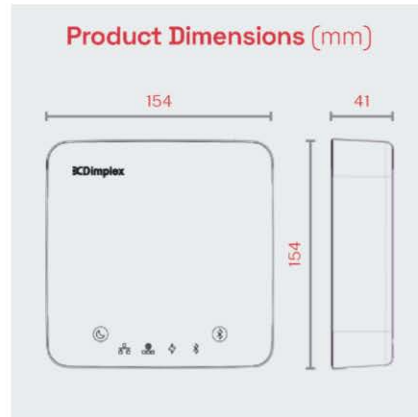
### Product Dimensions (mm)



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (mm)
OFX075E	0.75	683	570	202	10.5
OFX100E	1	683	840	202	15
OFX150E	1.5	683	1105	202	19.5
OFX200E	2	683	1373	202	24



Check [dimplex.co.uk/control/compatibility](http://dimplex.co.uk/control/compatibility) for supported products | **Dimplex Hub**



**IP20**  
RATED

Model	Height 'H' (mm)	Width 'W' (mm)	Depth 'D' (mm)	Unpacked Weight without cables (Kg)	Unpacked Weight with cables (Kg)
DimplexHub	154	154	41	0.36	0.54

## Key Features

### I/O

#### Connection to devices

- 868MHz low band RF, AES-128 encrypted
- 1x RS485 port

#### Internet connection

- 2.4Ghz Wi-Fi b/g/n, WEP, WPA, WPA2 support
- 1x RJ45 Ethernet port 10/100Mbps

#### Range

- 20m depending on environment\*

#### Max. connections per Hub

20 devices per Hub.

#### Colour/Finish

Moulding – Traffic White (RAL 9016).

\*No. of walls, wall construction, noise on operating frequency, etc., will effect range.

Check [dimplex.co.uk/control/compatibility](http://dimplex.co.uk/control/compatibility) for supported products | **RFM Radio Frequency Module**



**IP20**  
RATED

## Key Features

### I/O

#### Connection to devices

- 868MHz low band RF, Mesh (6LoWPAN), AES-128 encrypted

#### Encryption

- HTTPS
- X.509 certificates

#### Colour/Finish

Moulding – Traffic White (RAL 9016).



# Creda

TSRE	54
CAR	55
CPHT	56
CEPE	57
TPRIIE	58
CLR	59

# TSRE | Storage Heater

## Key Features

### Controls

Digitally controlled electronic thermostat accurate to ( $\pm 0.2^{\circ}\text{C}$ ).

Timer modes: 7-day programmable user timer. Out All Day, Home All Day, Away.

- Graphical display with white backlight
- Touch-sense buttons with audio feedback
- User replaceable battery (coin-type)

### Controller Functions

- Open window detection
- Boost mode and settings
- Boost heat using core element
- History/reporting
- Automatic charge control
- Bluetooth for software updates
- Child lock

### Safety Features

- Electronic overheat protection
- Additional electromechanical overheat protection
- LVD and EMC compliance

### Colour/Finish

White (RAL 9016) Grilles (RAL 7035) anodised.

### Supply

- 1/N/1/N/PE (off-peak + peak) ~230-240 V/Hz

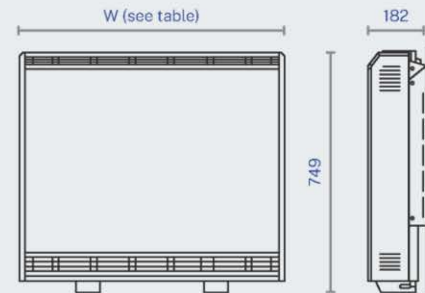


Pictured: TSRE050



Intertek

## Product Dimensions (mm)



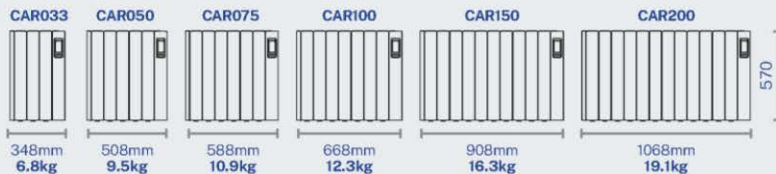
Model No.	Rating		Dimensions			
	Input (W)	Output (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
TSRE050	1020	500	749	581	182	63
TSRE070	1560	700	749	703	182	85
TSRE100	2220	1000	749	825	182	107
TSRE125	2760	1250	749	947	182	133
TSRE150	3300	1500	749	1069	182	155






**Intertek**


Pictured: CAR 100

**CAR Dimensions & Weights (mm/kg)**


Model No.	Dimensions				
	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
CAR 033	0.33	570	348	115	6.8
CAR 050	0.50	570	508	115	9.5
CAR 075	0.75	570	588	115	10.9
CAR 100	1.00	570	668	115	12.3
CAR 150	1.50	570	908	115	16.3
CAR 200	2.00	570	1068	115	19.1

Model No.	Maximum room size		
	New build insulation up to 40W/m <sup>2</sup>	Average build insulation up to 60W/m <sup>2</sup>	Poor insulation up to 100W/m <sup>2</sup>
CAR 033	8m <sup>2</sup>	5m <sup>2</sup>	3m <sup>2</sup>
CAR 050	13m <sup>2</sup>	8m <sup>2</sup>	5m <sup>2</sup>
CAR 075	19m <sup>2</sup>	13m <sup>2</sup>	8m <sup>2</sup>
CAR 100	25m <sup>2</sup>	17m <sup>2</sup>	10m <sup>2</sup>
CAR 150	38m <sup>2</sup>	25m <sup>2</sup>	15m <sup>2</sup>
CAR 200	50m <sup>2</sup>	33m <sup>2</sup>	20m <sup>2</sup>

## Key Features

### Controls

Digitally controlled electronic thermostat accurate to ( $\pm 0.2^{\circ}\text{C}$ ).

Timer modes: 7-day programmable user timer. Out All Day, Home All Day, Away.

- Graphical Display with RGB backlight
- Capacitive buttons with audio feedback
- User replaceable battery (coin-type)

### Controller Functions

- Open window detection
- Adaptive-start
- Advance time period
- Adjustable setpoint range (7-32°C)
- Bluetooth for software updates
- Child lock

### Safety Features

- Auto re-set

### Colour/Finish

White aluminium.

### Supply

- 1.3 metres fitted
- 3-core for fused spur installation
- 1/N/PE ~230-240 V, 50Hz Class I, with earth wire



# CPHT | Compact Panel Heater

Introducing the Creda CPHT Panel Heater. A Scandinavian design inspired panel with easy-to-use intuitive user controls.

## Key Features

- Intuitive user controls with LCD display
- Features energy-saving Adaptive start technology
- Complies with Lot 20 of ERP Directive

### Controls

- Digitally controlled, Electronic Thermostat
- 15° viewing angle control panel for easy programming

### Controller Functions

- Adjustable max SP range (5-30°C)
- 7 Day Programmable Timer
- Adaptive-start
- 4 programme periods per day

### Safety

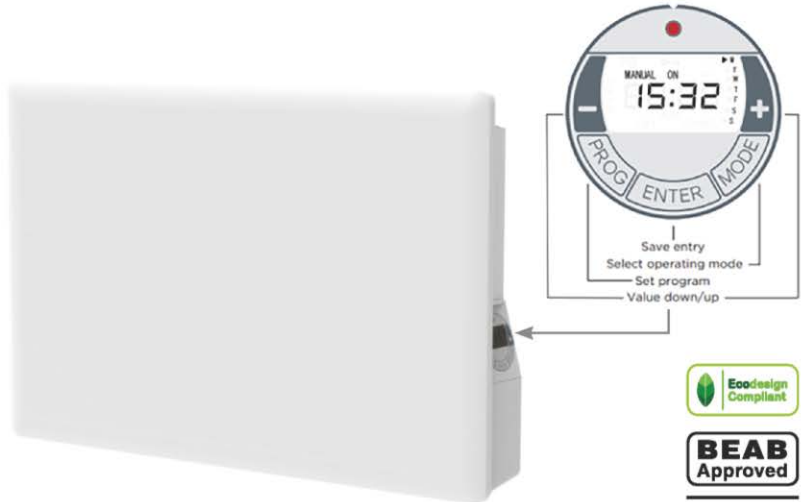
- Thermal cut-out. Auto reset type

### Supply

- 1.3 metres fitted for spur connection
- ~230-240V 50Hz, Class I

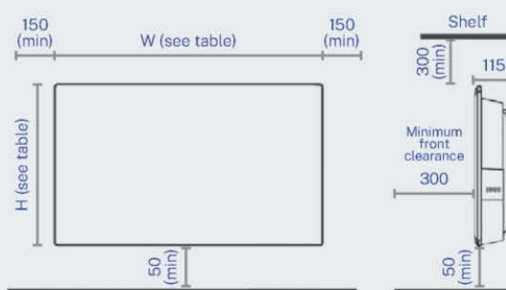
### Colour / Finish

- Metal Chassis, Air Outlet Grille & Control Moulding – Traffic White (RAL 9016)



Intertek

## Product Dimensions (mm)



Model No.	Output (kW)	Dimensions			Weight (kg)
		Height (mm)	Width (mm)	Depth (mm)	
CPH05T	0.5	425	400	115	3.4
CPH10T	1	525	400	115	3.8
CPH15T	1.5	625	400	115	4.6
CPH20T	2	925	400	115	6.5
CPH24T	2.4	925	400	115	6.5



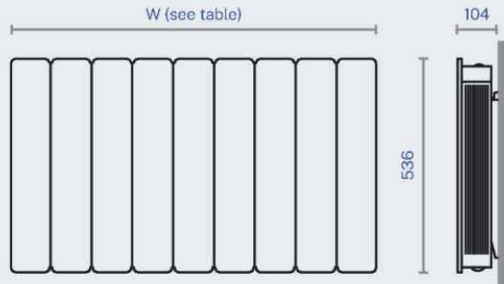


Pictured: CEP200E



**Intertek**

### Product Dimensions (mm)



Model No.	Dimensions				
	Output (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
CEP050E	0.50	536	503	104	11.3
CEP075E	0.75	536	503	104	11.3
CEP100E	1.00	536	671	104	14
CEP150E	1.50	536	741	104	15.4
CEP200E	2.00	536	911	104	18.3

## Key Features

### Controls

Digitally controlled electronic thermostat accurate to ( $\pm 0.2^{\circ}\text{C}$ ).

Timer modes: 7-day programmable user timer.

Continuous: Manual, Frost Protect, Off, Setback mode.

- Icon-based display with white backlight
- Capacitive buttons with audio feedback
- User replaceable battery (coin-type)

### Controller Functions

- Open window detection
- Adaptive-start
- Advance time period for timer operation
- Adjustable setpoint range ( $7\text{-}32^{\circ}\text{C}$ )
- Bluetooth for software updates
- Child lock

### Safety Features

- Thermal cut-outs (auto reset type)
- Overheat detection

### Colour/Finish

Metal chassis, air outlet grille and control moulding – White (RAL 9016).

### Supply

- 1.3 metres fitted
- 3-core for fused spur installation
- 1/N/PE ~230-240 V, 50Hz Class I, with earth wire



# TPRIIE | Panel Heater

## Key Features

### Controls

Digitally controlled electronic thermostat accurate to ( $\pm 0.2^{\circ}\text{C}$ ).

Timer modes: 7-day programmable user timer.

Continuous: Manual, Frost Protect, Off, Setback mode.

- Icon-based display with white backlight
- Capacitive buttons with audio feedback
- User replaceable battery (coin-type)

### Controller Functions

- Open window detection
- Adaptive-start
- Advance time period for timer operation
- Adjustable setpoint range ( $7\text{--}32^{\circ}\text{C}$ )
- Bluetooth for software updates
- Child lock

### Safety Features

- Thermal cut-outs (auto reset type)
- Overheat detection

### Colour/Finish

Metal chassis, air outlet grille and control moulding – White (RAL 9016).

### Supply

- 1.3 metres fitted
- 3-core for fused spur installation
- 1/N/PE ~230-240 V, 50Hz Class I, with earth wire

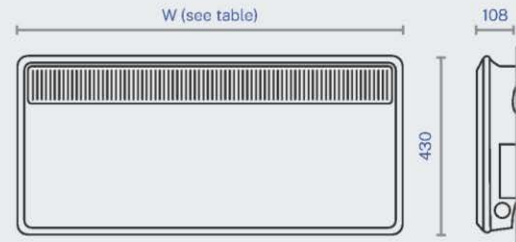


Intertek



Pictured: TPRII075

## Product Dimensions (mm)



Model No.	Output (kW)	Dimensions			Weight (kg)
		Height (mm)	Width (mm)	Depth (mm)	
TPRII050E	0.50	430	405	108	4.6
TPRII075E	0.75	430	620	108	5.9
TPRII100E	1.00	430	620	108	5.9
TPRII125E	1.25	430	690	108	6.1
TPRII150E	1.50	430	690	108	6.1
TPRII200E	2.00	430	860	108	7.8
TPRII300E	3.00	430	860	108	8.7



TA range of flat ladder style towel rails in four sizes, available in chrome or white finish | **CLR**



## Key Features

### Element

Submersion element with temperature limiter and fuse link.

### Thermal Cut-out

Built-in temperature limiter and overheat protection.

### Colour/Finish

Chrome plate or white stove enamel.

### Construction

Sealed steel shell. Vertically mounted element.

### Supply

- 1.0m pre-fitted cable
- 1/N/PE ~230-240V, 50Hz Class I, with earth wire
- Reversible cable entry point

## Product Dimensions (mm)



Model No.	Dimensions				
	Rails	Height (mm)	Output (W)	Weight (kg)	Finish
CLR5C	5	492	60	4	Chrome
CLR5W	5	492	100	4	White
CLR7C	7	692	80	5.4	Chrome
CLR7W	7	692	120	5.4	White
CLR10C	10	992	120	7.6	Chrome
CLR10W	10	992	175	7.6	White
CLR12C	12	1192	175	9.2	Chrome
CLR12W	12	1192	250	9.2	White







VX100-SP	62	Simply Silent™ Contour C6	74
DX100 & LV100	63	GX6EC & GXC6EC	75
Smooth Fan XS100S & XS100T	64	GX9 & GX12	76
Simply Silent™ DX100 & DX100B	65	WX6EC, WX9 & WX12	77
Simply Silent™ LV100	66	Xplus 2 AC	78
Simply Silent™ Contour C4SR	67	Xplus 2 EC & EC RF	79
Simply Silent™ Contour CV4SR	68	EVERDRI	80
CF20TX & LVCF20TX	69	Natural Air 180	81
Simply Silent™ Shower Fans	70	Natural Air 350	82
AirLine & AirLine LED	71	Switches	83
XIMX	72	Sensors and Controllers	84
Simply Silent™ DX150	73	Accessories	85

## VX100-SP | 4"/100mm axial extract fans with short spigot

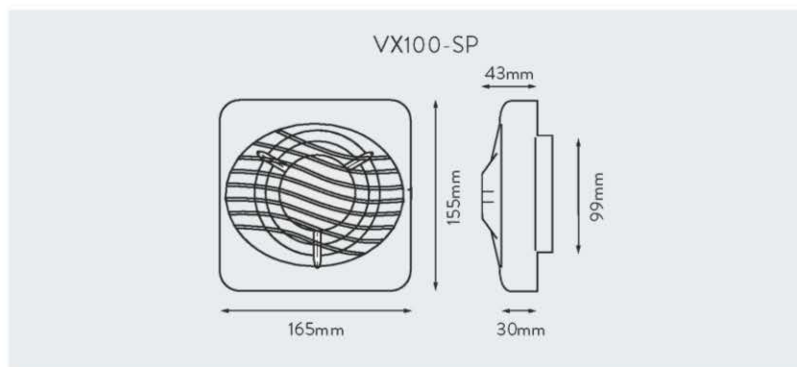
A range of single speed extract fans with a short spigot, ideal for shallow wall or ceiling installations. Compact and easy to install, the range is designed for bathrooms, shower rooms and ensuites, and all models include a lubricated-for-life motor with cut-out protection. Available in standard, timer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

For wall fitting we recommend the VK10 kit (89120AW) which includes wall tube and external grille.



### Key Features

- Single speed
- AC motor
- Ceiling or wall mounted



Product Selector		Extract Performance (l/s)	Extract Performance (m <sup>3</sup> /h)	Electrical Power Rating (W)	Specific Fan Power (SFP) (W/l/s)	Timer (adjustable from 90s - 30mins)	Sound Pressure Level (dBA@3m)
Model							
VX100-SP	92935AW	21	76	12.0	0.57		41
VX100T-SP	92931AW	21	76	12.0	0.57	✓	41
VX100P-SP	92936AW	21	76	12.0	0.57		41





# 4"/100mm axial extract fans with fitting kit | DX100 & LV100

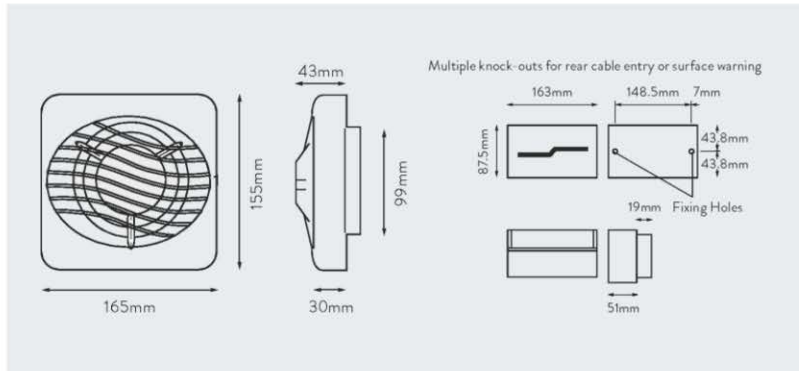


A comprehensive range of compact and easy to install single speed fans, suitable for a wide range of applications including bathrooms, shower rooms and toilets. All DX and LV fans come complete with a universal wall and window fitting kit. The shallow depth of the outlet spigot also makes these fans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

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



DX100 is an accredited bathroom/en-suite & toilet extract fan under the Green Homes Compliance scheme



## Key Features

- Single speed
- AC motor
- Supplied with universal fitting kit
- Extract performance (l/s) -23
- Extract performance (m<sup>3</sup>/h) -82
- Electrical power rating (W) -12

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



## Smooth Fan XS100S & XS100T | 4"/100mm axial fans

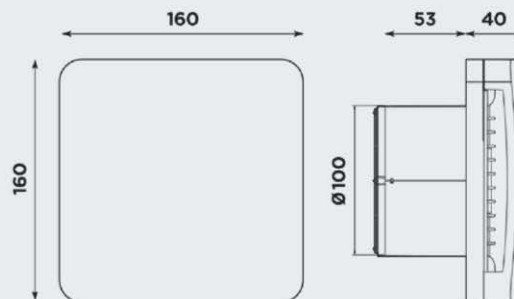
The Xpelair Smooth Fan is suitable for bathrooms and has a baffle cover that is easy to install, providing an affordable yet attractive looking product. The fan comes in both a standard and timer version.

For wall fitting we recommend the VK10 kit (89120AW) which includes wall tube and external grille.



### Key Features

- AC motor
- Power (W) -10
- Extract performance (L/s) -23
- Extract performance (m<sup>3</sup>/h) -83
- Sound pressure level (dBA@3m) -35
- Specific fan power (W/l/s) -0.45
- 0.5kg weight



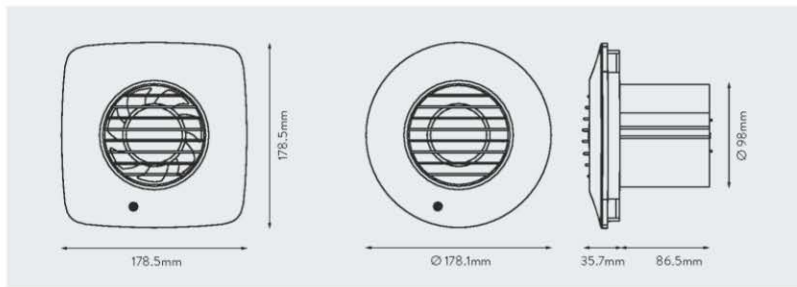
Product Selector		Design	Timer (adjustable from 3 - 25mins)
Model			
XS100S	93346AA	■	
XS100T	93347AA	■	✓





DX100B does not include wall kit

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



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

With Kit

## Key Features

- 2 speeds, selectable at install
- AC motor
- Suitable for wall, ceiling and window fitting (requires Simply Silent Window Kit Plus -93235AA)
- Extract performance (l/s) -15/21
- Extract performance (m³/h) -54/76
- Electrical power rating (W) -6.0/6.7
- Specific fan power (W/l/s) -0.40/0.32
- Sound pressure level (dBA@3m) -22/34

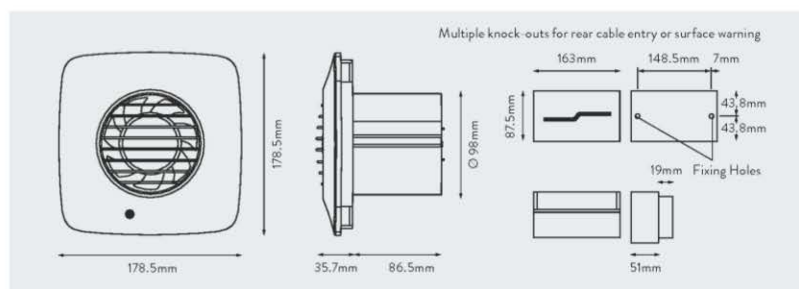


\*DX100B available in square only.

## Simply Silent™

## LV100 | 4"/100mm SELV axial extract fans complete with wall-fitting kit

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



## Key Features

- 2 speeds, selectable at install
- AC motor
- Suitable for wall, ceiling and window fitting (requires Simply Silent Window Kit Plus - 93235AA)
- Extract performance (l/s) -15/21
- Extract performance (m<sup>3</sup>/h) -54/76
- Electrical power rating (W) -5.5/11.8
- Specific fan power (W/l/s) -0.37/0.56
- Sound pressure level (dBA@3m) -22/34

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



# Simply Silent™ 4"/100mm near-silent axial extract fans | Contour C4SR

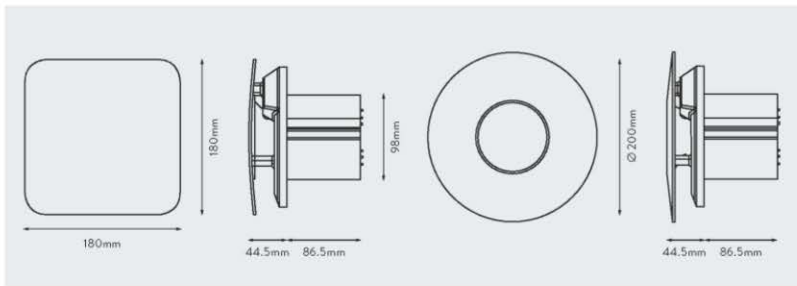


The Simply Silent™ Contour range effectively eliminates humidity, condensation and odour to improve air quality in bathrooms, shower rooms, cloakrooms and toilets. They use advanced Ghost™ Air Movement Technology to deliver near-silent running. Suitable for wall, ceiling, panel and window fitting. To maximise customer choice, C4SR products come complete with both round and square covers in the box.

For wall fitting we recommend the VK10 kit (89120AW) which includes wall tube and external grille.

For window fitting we suggest the Simply Silent Window Kit Plus (93235AA)

C4SR is an accredited bathroom/en-suite & toilet extract fan under the Green Homes Compliance scheme



## Key Features

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

Product Selector		Design	Timer (Adjustable from 30s -30mins)	Pullcord	Humidistat (50-90% RH)
Model					
C4SR	078339	■ / ●			
C4TSR	078346	■ / ●	✓		
C4PSR	078353	■ / ●		✓	
C4HTSR	078360	■ / ●	✓		✓



## Simply Silent™

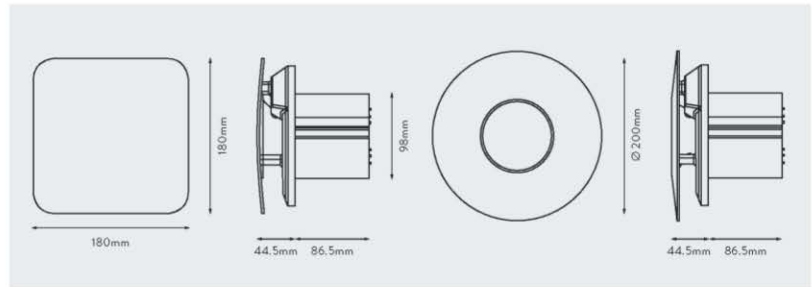
## Contour CV4SR | 4"/100mm near-silent constant volume dMEV axial extract fans

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

These fans feature Xpelair's Intelligent Adaptiflow™ Sensing to deliver constant volume performance through a unique sensor housed within the duct. This sensor calculates and records the airflow of the fan and adapts the fan speed intuitively in accordance with changes in airflow to maintain the required setting. The Contour CV has selectable bathroom and kitchen airflow, with three speeds in each mode. To maximise customer choice, CV4SR products come complete with both round and square covers in the box.

For wall fitting we recommend the VK10 kit (89120AW) which includes wall tube and external grille.

For window fitting we suggest the Simply Silent Window Kit Plus (93235AA)



## Key Features

- DC motor
- Integral datalogger
- Intelligent Adaptiflow™ sensing
- Timer (adjustable 30s–30mins)
- Humidistat (50–90% RH)
- SAP Appendix Q Listed
- Sound pressure level (dBA@3m)–Max 28

Product Selector		Design	SELV Transformer	SAP Appendix Q Listed
Model				
CV4SR	078377	■ / ●		✓
LVCV4SR	078384	■ / ●	✓	✓

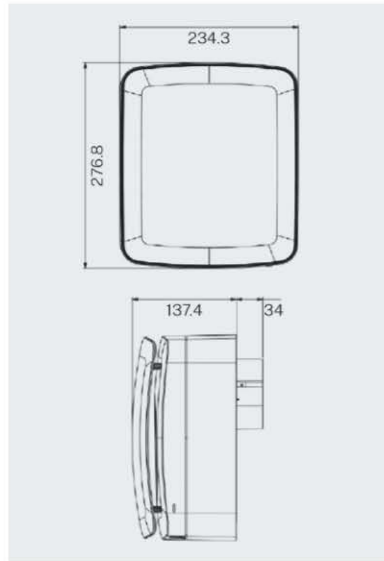
Product Selector	CV4SR		LVCV4SR	
	Bathroom	Kitchen	Bathroom	Kitchen
Extract Performance (l/s)	5/8/18	8/13/18	5/8/18	8/13/18
Extract Performance (m³/h)	18/29/65	29/47/65	18/29/65	29/47/65
Electrical Power Rating (W)	1.6/1.9/2.9	1.9/2.3/2.9	2.0/2.3/3.7	2.3/3.1/3.7
Specific Fan Power (SFP) (W/l/s)	0.32/0.24/0.16	0.24/0.18/0.16	0.40/0.29/0.21	0.29/0.24/0.21
IP Rating	IPX4	IPX4	IPX5	IPX5



# Intermittent & DMEV centrifugal fan | CF20TX & LVCF20TX



Note: Pullcord longer than shown



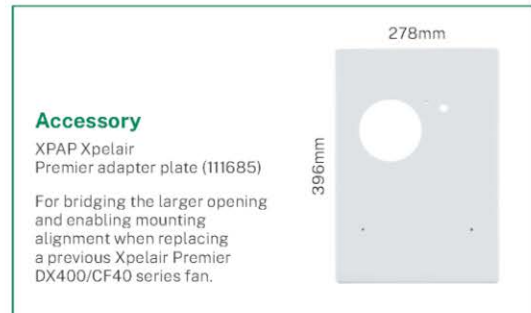
The new universal Premier range of centrifugal extract fans is designed specifically for domestic application including toilets, bathrooms, utility rooms and kitchens where longer duct runs are required. Xpelair Premier offers social housing providers and installers a one-stop solution to accommodate many different property layouts.

For wall fitting we recommend the VK10 kit (89120AW) which includes wall tube and external grille.

## Key Features

- Fan can be configured at installation for either intermittent or continuous dMEV running
- Gloss white casing with a clean and sleek appearance
- Low watt brushless DC motor for low cost operation
- Retrofittable to previous Xpelair Premier fan ranges
- Room selector to enable correct ventilation rates at install
- Datalogger to record fan's daily use
- Integral run-on timer, humidistat and pullcord to boost fan as required
- LVCF20TX model comes complete with transformer for safe operation in splash zone 1

Details	Product Selector	
	CF20TX	CF20TX
Part Number	067326	067333
Number of speeds	4	4
Duct size	100	100
IPX rating	IPX5	IPX5
Motor type	Brushless DC	Brushless DC
Pullcord	YES	YES
Timer (adjustable 30secs to 30 mins)	YES	YES
Humidistat (adjustable 50 to 90% RH)	YES	YES
Remote SELV Transformer	NO	YES
Colour/Material	White/ABS	White/ABS
<b>Intermittent running: Toilet/Bath/Utility/Kitchen</b>		
Airflow (l/s)	8.5/17.5/34.5/61	8.5/17.5/34.5/61
Airflow (m <sup>3</sup> /hr)	30.5/63/124/219.5	30.5/63/124/219.5
Power (W)	4/6/13/29.8	4/6/13/29.8
Noise dB(A)3m	21/36/44/54	21/36/44/54
<b>Continuous running</b>		
Airflow (l/s)	8.5/9.5/13/21	8.5/9.5/13/21
Airflow (m <sup>3</sup> /hr)	30.5/34/47/76	30.5/34/47/76
Power (W)	4/4/5/7	4/4/5/7
Noise dB(A)3m	21/28/27/37	21/28/27/37



## Accessory

XPAP Xpelair Premier adapter plate (111685)

For bridging the larger opening and enabling mounting alignment when replacing a previous Xpelair Premier DX400/CF40 series fan.

Simply Silent™

**Shower Fans** | 4"/100mm near-silent axial shower fans complete with installation kit

Combining low noise levels with high extraction power, Simply Silent™ Shower Fans are purpose-designed for in-shower installation. They carry out direct extraction right at the point of humidity for a steam-free bathroom environment.

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



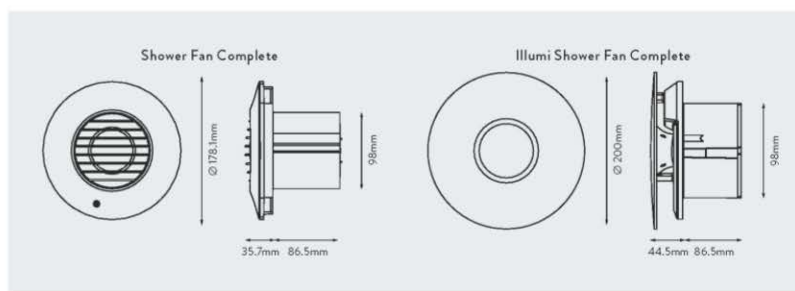
Shower Fan Complete



Illumi Model

**Key Features**

- Illumi model comes complete with SELV transformer
- Loft fitting kit included
- Complies with building regulations Part F for bathrooms



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

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



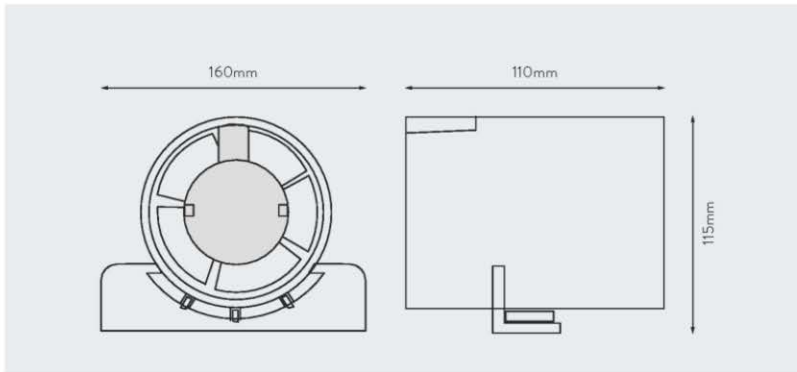


# Inline axial extract fan systems for shower cubicles | AirLine & AirLine LED



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

Airline 100 is an accredited bathroom/en-suite & toilet extract fan under the Green Homes Compliance scheme



## Key Features

- Single speed
- AirLine LED comes complete with cool white light and SELV transformer
- Supplied with loft fitting kit
- Complies with building regulations Part F for bathrooms

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



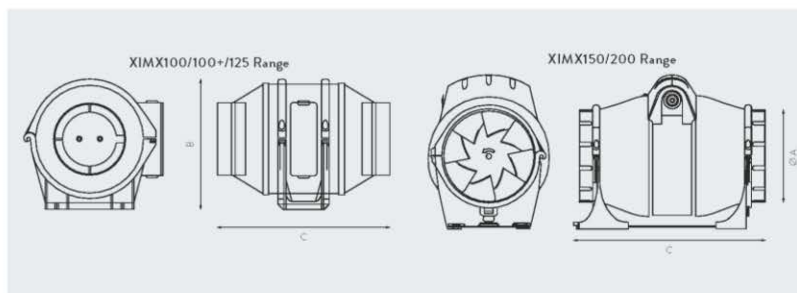
# XIMX | Inline mixed flow extract fans for domestic ducted applications

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



## Key Features

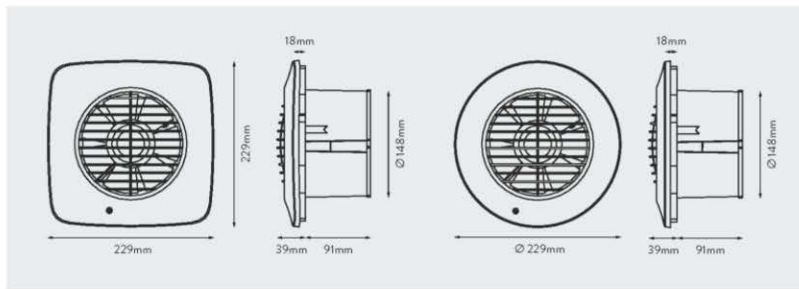
- 2 speeds, selectable at install
- Suitable for inline loft fitting
- Mounting cradle included
- Easily accessible terminal box
- Complies with Part F building regulations



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

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





The Simply Silent™ DX150 intermittent extract fan range is designed for those looking for something conventional, with a modern twist. These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. Suitable for both wall and ceiling fitting. The DX150 range has two speeds, selectable at install. For wall fitting we recommend the DX150 kit (93021AW) which includes 300mm wall tube and external grille.

DX150 is an accredited kitchen extract & utility room fan under the Green Homes Compliance scheme



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

## Key Features

- 2 speeds, selectable at install
- Air operated backdraught shutter
- Extract performance (l/s) -60/67
- Extract performance (m<sup>3</sup>/h) -214/241
- Electrical power rating (W) -15/22.6
- Specific fan power (SFP) (W/l/s) -0.25/0.34
- Sound pressure level (dBA@3m) -39/42
- Complies with building regulations Part F for kitchens



Simply Silent™

**Contour C6** | 6"/150mm axial extract fan range

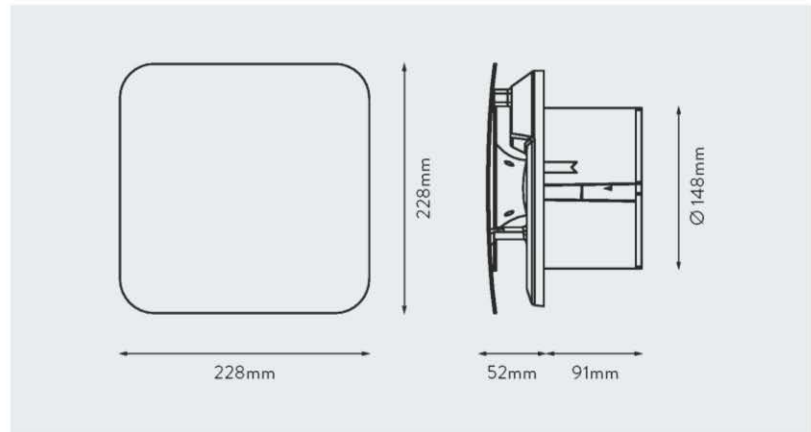
The Simply Silent™ Contour C6 intermittent extract fan range has been designed to blend seamlessly with the surrounding décor. These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. The Contour 6 range has two speeds, selectable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

For wall fitting we recommend the DX150 kit (93021AW) which includes 300mm wall tube and external grille.



### Key Features

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



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





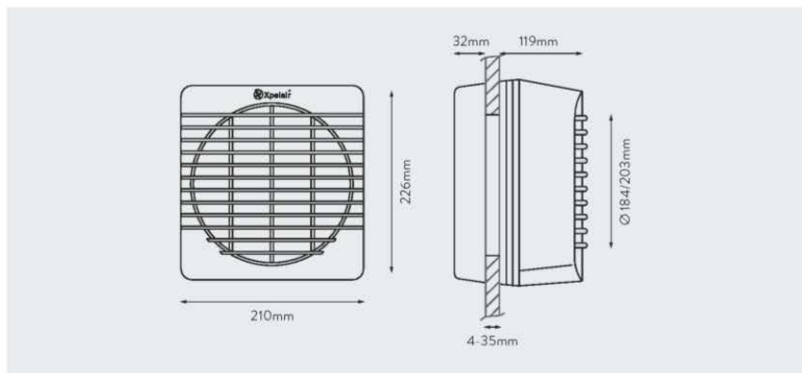
These models contain a low watt EC motor giving lower power consumption and reduced running costs vs a conventional AC motor. Xpelair GX6EC models are purpose designed for use in kitchens and utility rooms and can be window or panel mounted as supplied and wall-mounted via optional wallkit. GXC6EC has an integral pullcord actuator.



GX6EC is an accredited kitchen extract fan under the Green Homes Compliance scheme

### Key Features

- Single speed
- Single or double glazed window installation
- Window kit supplied
- Safety finger guard
- Hole diameter (mm) -184
- Hole diameter with wall liner (mm) -203
- Weight -1.4kg
- Complies with building regulations Part F for kitchens



Product Selector		Speeds	Power Consumption (W)	Extract Performance (l/s)	Extract Performance (m <sup>3</sup> /hr)	Sound Pressure Level	Pullcord	Silent Electro-thermal Shutter
Model								
GX6EC	071262	1	9.5	64	229	34		✓
GXC6EC	071279	1	6.8	64	229	34	✓	



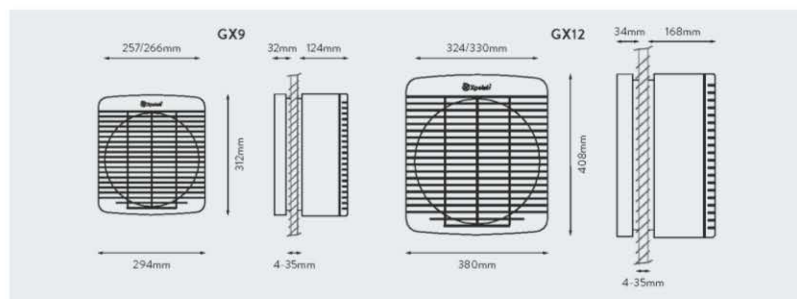
## GX9 & GX12 | Commercial AC window fans

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



### Key Features

- Electro-thermal shutter
- Single or double glazed window installation
- Window kit supplied
- Safety finger guard



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

Product Selector		Remote Switch (supplied separately)	Selectable Intake, Extract or Controller Operation	Extract Performance (m <sup>3</sup> /h)	Extract Performance (l/s)	Intake Performance (m <sup>3</sup> /h)	Intake Performance (l/s)
Model							
GX9	89994AW	✓	✓	543/636	151/177	405/449	113/125
GXC9	89995AW			520	145		
GX12	90012AW	✓	✓	1091/1546	303/429	772/1117	215/310

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

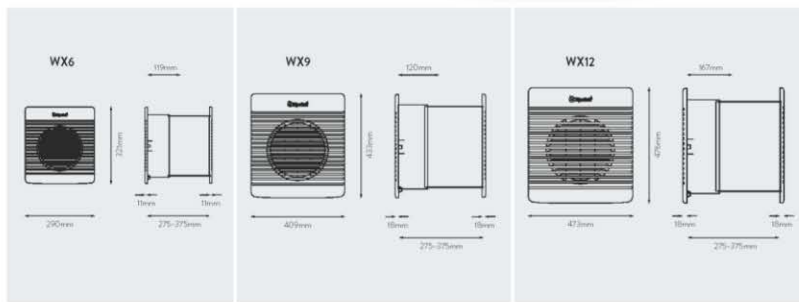


For compatible controllers, see page 84

# Commercial wall fans with corrugated plastic wall liner | WX6EC, WX9 & WX12



WX commercial duty wall fans are designed for pubs, restaurants, offices, kitchens, factories, schools and shops, and are suitable for single brick and timber frame walls. The low profile white fascia is styled to blend in cleanly with commercial surroundings, while on the WX9 and WX12 units a positive plug and socket assembly provides a means of isolation. All WX models come complete with a wall-mounting kit which includes a corrugated plastic wall liner. The WX6EC model contains a low watt EC motor giving lower power consumption and reduced running costs vs a conventional AC motor.



## Key Features

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

Product Selector		Standard	Timer	6" Impeller	9" Impeller	12" Impeller	Reversible Intake/Extract
Model							
WX6EC	071422	✓		✓			
WX9	89996AW	✓			✓		✓
WX12	90011AW	✓				✓	✓

Product Selector		Integral Adjustable Run-on Timer (2 - 20 mins)	Extract Only	Selectable Intake, Extract or Controller Operation	Speeds (2 speed when used with an FR22/30 controller)	Extract Performance (m³/h) high/low	Extract Performance (l/s) high/low
Model							
WX6EC	071422		✓		1	217	60
WX9	89996AW			✓	2	600/693	166/192
WX12	90011AW			✓	2	1162/1715	322/476

Product Selector		Intake Performance (m³/h) high/low	Intake Performance (l/s) high/low	Sound Pressure Level (dBA@3m) high/low	Electrical Power Rating (W)	Hole Diameter (w x h mm)	Weight (kg)
Model							
WX6EC	071422			36	10	245 x 268	3.1
WX9	89996AW	418/459	116/127	47/50	41	345 x 375	4.7
WX12	90011AW	815/969	226/269	48/54	85	434 x 434	8.3

For compatible controllers, see page 84



## Xplus 2 AC | Multi-point domestic and commercial ventilation unit

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

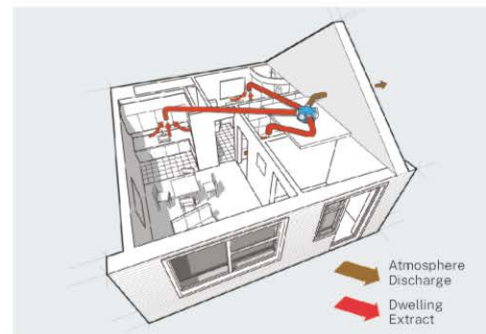
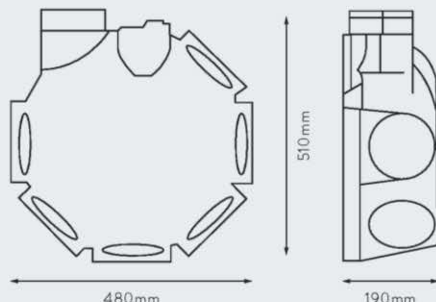
The multi-spigot 190mm low-profile design offers the installer greater flexibility when choosing where to site the unit and also due to the spigot configuration, allows ducting to be connected from any direction, therefore reducing airflow restriction and noise.

The unit is suitable for either horizontal or vertical installation and has four speed options, three of which are selectable.



### Key Features

- AC motor
- Trickle ventilation facility
- Boost options
- Low profile design
- Weight - 4.95kg



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





# Low-energy, multi-point domestic and commercial ventilation unit | Xplus 2 EC & EC RF



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

## Key Features

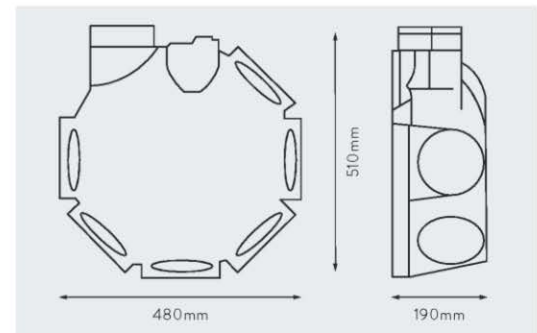
- EC Motor
- Trickle ventilation facility
- Max. extract performance (FID, m<sup>3</sup>/h) - 550 (fully adjustable)
- Max. extract performance (m<sup>3</sup>/h @100Pa) - 465
- Max. power 79W
- Spigot diameter 125mm
- Weight - 3.4kg

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

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

**E.S.T  
Best Performance Compliant**

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



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



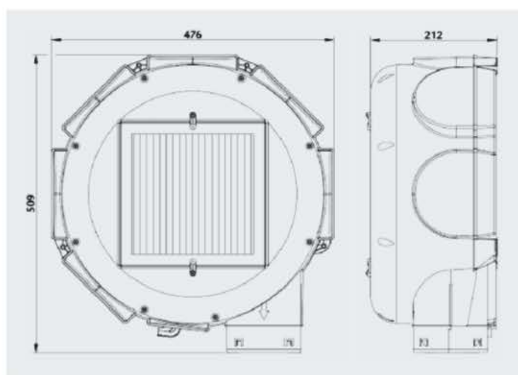
## EVERDRI | Positive input ventilation unit

Xpelair Everdri is a wholehouse ventilation control system for houses with a loft space. The unit gently ventilates the home from a central position on the landing or in the central hallway in a bungalow to transform a stagnant and stale atmosphere into a fresh, healthy and condensation-free environment.



### Key Features

- Positive Input Ventilation (PIV) reduces surface condensation and eliminates mould, improving overall air quality
- Significantly reduces Radon levels by gently supplying fresh, filtered air into the property and forcing the Radon contaminated air out of the home
- Redistributes accumulated warmer air from ceiling level, which can be 7°C higher than ground level, to help reduce heating costs
- Low watt EC motor for reduced power consumption and lower running costs
- Low maintenance, easy to replace, long-lasting G4 filter
- Integral datalogger to check the running hours in operation
- XELH model has a pre-heater to temper the incoming air



Standard	Product Selector	
	XEL	XELH
Part number	110015	110022
Number of speeds	3	3
Fan power (W)	5.2/8.7/15.5	5.2/8.7/15.5
Duct size (mm)	125/150	125/150
Air flow rate (l/s)	30/45/60	30/45/60
Flow rate (m <sup>3</sup> /h)	108/162/216	108/162/216
Sound pressure dB(A)3m	13.5/14/35.4	13.5/14/35.4
Specific fan power (W/L/s)	0.17/0.19/0.26	0.17/0.19/0.26
IPX Rating	IPX2	IPX2
Motor type	EC	EC
Spigot diameter (mm)	125	125
Product dimensions (mm)	212x476x509	212x476x509
Product weight (kg) without accessories	3.5	3.5
Colour/Material	Grey & white/ABS	Grey & white/ABS
Approvals	CE	CE

### Accessory

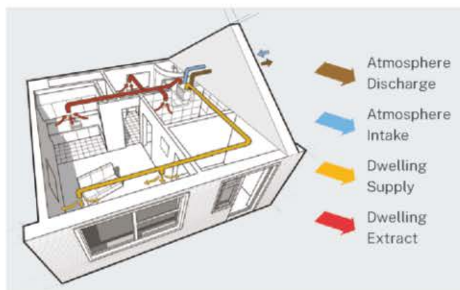
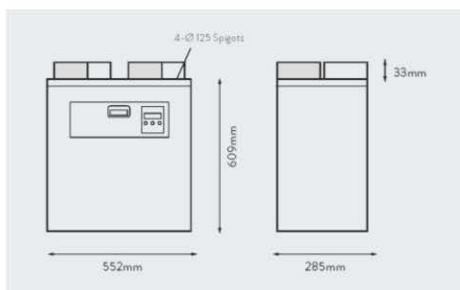
Intumescent sealing diffuser for 3 storey dwellings (111067)

Includes a 200mm diffuser with an intumescent element which expands in the event of a fire to restrict airflow and delay the spread of the fire.



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

# Compact mechanical ventilation with heat recovery | **Natural Air 180**



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

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

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

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

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

	Natural Air 180	Natural Air 180 PH
Reference Number	93333AW	93319AW
Motor Type	EC	EC
Speeds	trickle/ boost/purge	trickle/ boost/purge
Maximum Extract Performance (FID, m <sup>3</sup> /h)	230	230
Maximum Extract Performance (m <sup>3</sup> /h @250Pa)	218	218
Maximum Extract Performance (FID, l/s)	64	64
Maximum Extract Performance (l/s @250Pa)	60	60
Maximum Fan Power (W)	154	154
Spigot Diameter (mm)	125	125
Weight (kg)	19.5	19.8
UK Guarantee (years)	2	2

## Key Features

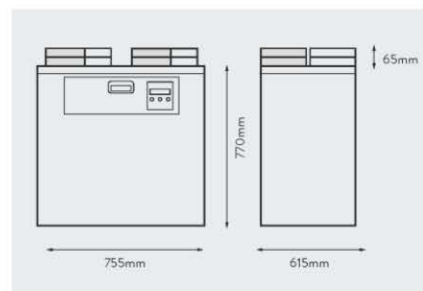
- Sound absorbing EPP construction with metal casing
- Fans are configured for optimal efficiency, with forward curved impellers and housed in robust galvanised steel
- Easy installation in 2 lightweight pieces
- Compact size of only 552mm x 609mm x 285mm (WxHxD)
- Onboard active humidistat
- Control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

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

## Natural Air 350 | Mechanical ventilation with heat recovery

Ideal for 4 to 5 bedroom properties, the Natural Air 350 Mechanical Ventilation with Heat Recovery (MVHR) unit provides whole-house ventilation – supplying and extracting air through the entire property. Fresh air is supplied from outside the premises, while warm, stale, damp air is continuously extracted out.

Natural Air 350 units offer efficient, balanced ventilation that produces healthy indoor air quality while saving energy with its efficient EC ball-bearing motor. Meanwhile, ultra-fine G4 filters ensure a pollutant-free environment that's literally a breath of fresh air for allergy sufferers. You'll also enjoy a comfortable temperature without annoying draughts or cold spots thanks to the unit's 100% summer bypass and winter defrost functions – so no matter what the weather's doing outside, everything will feel 'just right' inside. NA350 is SAP Appendix Q listed.



### Key Features

- Clever humidity control: Unique, active humidistat reacts in real-time to gradual increases in humidity – ideal for even the smallest wetroom
- Hassle-free maintenance: Fast, simple access to fans, filters and heat exchange
- Datalogger: The Natural Air 350 has an integral datalogger, recording its daily use
- Silent nights and days: Sound absorbing EPP material dampens noise. Direct airflow path minimises internal pressure drop resulting in whisper-quiet operation
- Low Specific Fan Power: Smooth pressure drop thanks to energy efficient heat exchanger, G4 filter and unit specific fan configuration
- Constant Volume for life: The Natural Air 350 uses Intelligent Adaptiflow sensing to deliver constant volume performance (applies to model 066992 only)

	Natural Air 350	Natural Air 350 PH
Reference Number	066978	066992
Motor Type	Backward Curved EC	Forward Curved Constant Volume EC
Speeds	trickle/boost/purge	trickle/boost/purge
Maximum Extract Performance (FID, m <sup>3</sup> /h)	360	350
Maximum Extract Performance (m <sup>3</sup> /h @100Pa)	350	330
Maximum Extract Performance (FID, l/s)	100	100
Maximum Extract Performance (l/s @100Pa)	97	97
Maximum Fan Power (W)	151	215
Spigot Diameter (mm)	150, 160, 190 & 200	150, 160, 190 & 200
Weight (kg)	35.2	35.2
Approvals / Listing	CE/SAP Appendix Q	CE/Passivhaus
UK Guarantee (years)	2	2

K+n wet rooms	Performance			
	SFP (W/l/s) [2009]	Efficiency [2009]	SFP (W/l/s) [2012]	Efficiency [2012]
n = 1	-	-	0.40	90%
n = 2	0.37	90%	0.43	89%
n = 3	0.38	89%	0.49	88%
n = 4	0.44	88%	0.61	87%
n = 5	0.51	87%	0.75	86%
n = 6	0.59	87%	0.93	86%
n = 7	0.70	86%	1.16	85%

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



**Change Over Switch  
COS**

90108AW

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



**Manual Override Switch  
MOS**

90199AW

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



**Timer and Boost Switch  
TBS**

90202AW

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

# Sensors and Controllers

## Time Delay Controller DT20B

21850AW



- Fan switches on with the lighting circuit
- Ventilation run-on period after the light has been switched off
- User adjustable up to 20 min
- Surface or recess mounting
- Supply voltage 220-240V 50Hz
- Use with: GX6, GX9, GX12, WX6, WX9, WX12, CF20TX
- w100 x h86 x d45mm
- Delay timer period 30 sec – 20 mins
- Amp inductive load 2.5A @ 240V AC

## Air Quality Sensor AQS

92097AW



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

## Passive Infrared Sensor XPIRA

21871AA



- Position to switch the fan on when body movement is detected. Ideal for infrequently used public spaces
- Built-in run-on timer to avoid nuisance tripping
- For indoor use only
- Use with: GX6, GX9, GX12, WX6, WX9, WX12, CF20TX, C4SR
- w86 x h86mm

## Inline Fan Controller XIC1

21858AW



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

## Remote Humidistat XRH

40000573



- 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
- w160 x h86 x d45mm
- Amp inductive load 2A @ 240V AC

## LoVolt Remote Humidistat LVH

21863AW



- A 12V SELV LoVolt humidistat
- Switches automatically when the relative humidity reaches an adjustable pre-set point and switches off when the relative humidity drops
- Pullcord override
- Suitable for ambient temperatures up to 40°C
- Use with: LV100, LVCV4SR, LVCF20TX
- w160 x h86 x d45mm

## Single Fan Controller FR22/30

21868AW



- Sliding switches
- On/Off | 2 speeds: low – high speed
- Extract – intake airflow
- Power 'On' indicator
- For surface or recess mounting
- Supply voltage: 220 – 240V 50Hz
- Gloss white
- Use with: GX9, GX12, WX9, WX12
- w210 x h86 x d41mm

## Single Direction Group Fan Controller XCC1

21859AW



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

## Reversible Group Fan Electronic Controller EC6H

21854AW



- Sliding switches and speed control knob On/Off
- Infinitely variable speed control
- Extract – intake airflow
- Power 'On' indicator
- For surface or recess mounting
- Supply voltage: 220 – 240V 50Hz
- Gloss white
- Use with: GX9, GX12, WX9, WX12.  
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

Product Selector		FR22/30 21868AW Single Fan. On/Off. Intake/extract	XCC1 21859AW Single Fan. Single direction. Infinitely variable	EC6H 21854AW Group Fan. Intake/extract. Infinitely variable. Up to 6x GX9; 4x GX12. Do not mix	Integral Pullcord
Model					
GX9	89994AW	✓	✓	✓	
GXC9	89995AW				✓
GX12	90012AW	✓	✓	✓	
WX9	92503AW	✓	✓	✓	
WX12	92504AW	✓	✓	✓	
WX9	89996AW	✓	✓	✓	
WX12	90011AW	✓	✓	✓	

## Accessories

## Circular Air Valves CAV

21871AA	CAV100	Ø100mm	89682AA
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- Valve has adjustable centre disc
- Multi-inlets/outlets
- Flexible ducting (FD) can be terminated at the valve

## Wall Ducts WD

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



## Circular Plastic Adaptors

CPA125/100	Ø125mm	91487AA
CPA150/125	Ø150mm	91488AA



## Worm Drive Clips WDC

WDC8	Ø150-200mm	91488AA
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- Steel clips for connecting flexible ductwork to spigots
- Supplied in packs of 10

## Premier Grease Filters PDXGF

PDXGF	90548AA
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- For Premier units in kitchen applications
- Fits behind the inlet
- Material: self extinguishing black polyester foam

## Wall Vent Kit VK10

89120AW
---------



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

## Wall Grille CFWG

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



## Louvred Wall Grille LG

LGB125	Ø125mm	91493AA
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## Wall Kit DX150

93021AA
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- Wall kit suitable for fitting 150mm extract fans. Contains 0.3M length duct and external grille.

## Simply Silent™

## Simply Silent™ Wall Kit

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

## Simply Silent™ Adaptor Kit

SSAK	93061AA
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**REDRING**  
Glow  
Thermostatic





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## Pure | Great value electric showering

### Key Features

- Right hand side connectivity
- Single mode shower head with rub clean nozzles
- Flexible accessory kit
- 3 power settings
- Push button start/stop
- 600mm riser rail with brackets and 1m anti-kink hose
- A Energy Rating

Catalogue Number	Model/Description
53531301	RPS7 Pure 7.5kW
53531001	RPS8 Pure 8.5kW
53531101	RPS9 Pure 9.5kW
53531201	RPS10 Pure 10.5kW
Technical Information	
Water	Operating water pressure 1-10bar (15-150psi)
Entry Points	3 cable & 4 water (right hand side)
Approvals	BEAB & CE mark
Cold Water Connection	Plain shank for push-fit and compression



### Product Dimensions (mm)





## Key Features

- SmartFit™ technology makes installation easy, thanks to multi-entry options
- 3 mode shower head with rub clean nozzles
- Twin terminal block
- Push button start/stop
- 600mm riser rail with brackets and 1.25m anti-kink hose
- A Energy Rating

Catalogue Number	Model/Description
53533301	RBS7 Bright 7.5kW
53533001	RBS8 Bright 8.5kW
53533101	RBS9 Bright 9.5kW
53533201	RBS10 Bright 10.5kW

Technical Information	
Water	Operating water pressure 1-10bar (15-150psi)
Entry Points	6 cable & 8 water (left and right side entry)
Approvals	BEAB & CE mark
Cold Water Connection	Plain shank for push-fit and compression

## Product Dimensions (mm)



SMARTFIT



## Glow | Stylish showering with SmartFit™ technology for easy installation & phased shutdown

### Key Features

- SmartFit™ technology makes installation easy, thanks to multi-entry options
- Phased shutdown safety protection for next user cool start up and scale protection
- Digital temperature display with large LED readout for clear visibility
- Twin terminal block
- 5 mode shower head with rub clean nozzles and 600mm riser rail with brackets
- Push button start/stop
- A Energy Rating

Catalogue Number	Model/Description
53535301	RGS7 Glow 7.5kW
53535001	RGS8 Glow 8.5kW
53535101	RGS9 Glow 9.5kW
53535201	RGS10 Glow 10.5kW

Technical Information	
Water	Operating water pressure 1-10bar (15-150psi)
Entry Points	6 cable & 8 water (left and right side entry)
Approvals	BEAB & CE mark
Cold Water Connection	Plain shank for push-fit and compression





## Key Features

- SmartFit™ technology makes installation easy, thanks to multi-entry options
- Accurate temperature control to within  $\pm 1.5^\circ$  for a comfortable, safe showering experience
- Push button controls with audible adjustment confirmation for ease of operation
- Large digital LED backlit temperature display
- Phased shutdown safety protection for next user cool start up and scale protection
- Temperature limiter lock option, set at installation
- 5 mode shower head with rub clean nozzles
- Supplied with 600mm riser rail with flexible fixing centre brackets, 1.5 metre shower hose and soap dish with integrated hose retainer
- A Energy Rating

Catalogue Number	Model/Description
400000180	RGS8T Glow Thermostatic Instant Shower 8.5kW
400000179	RGS9T Glow Thermostatic Instant Shower 9.5kW
Technical Information	
Water	Operating water pressure 1-10bar (15-150psi)
Entry Points	6 cable & 8 water (left and right side entry)
Approvals	BEAB & CE mark
Cold Water Connection	Plain shank for push-fit and compression



# Selectronic | Premier Electric Showers

Trusted • Caring • Intelligent

Trusted by UK care industry professionals, Selectronic Premier thermostatic showers offer unrivalled instant electric shower temperature control accuracy and temperature lock options to ensure a comfortable and safe showering experience for all users.

## Key Features

- Smooth contoured styling with high contrast controls for ease of visibility
  - Highly accurate, temperature control to +/-0.5°C for comfortable safe showering
  - Large LED digital temperature display
  - All push-button controlled with tactile identification coding for ease of use
  - Audible feedback for confirmation of adjustment and operation status
  - Phased shutdown safety protection for next user cool start up and scale protection
  - 3 temperature range limiter lock options (34-40°C), (34-41°C), (34-43°C) or unlocked (25-46°C) set at installation
  - Simple single push button rapid commissioning
  - Data logging for access to user and performance analysis, with diagnostic mode to assist service engineers
  - IPX5 rated protection for installation in wet room zones
  - A energy efficiency rated
  - Free 5 year UK manufacturers guarantee (Product registration is required)
- All models have enhanced shower accessories**
- Stainless steel riser rails replace aluminium ones
  - Sturdy 4-point fixing riser rail wall brackets
  - A combined riser/grab rail with reinforced metal bracket plates (on PLUS and WPC models)  
The grab rail is tested and approved for 250kg static load (subject to wall material strength and the correct fixings being used by the installer)
  - New wireless connectivity for automatic operation of compatible level access waste pumps (WPC models only)
  - An optional remote control kit to start and stop the shower from outside the showering area which can be retro-fitted to all Selectronic Premier showers is also available

A

## Premier STANDARD



- 5 spray-mode showerhead
- 540mm stainless steel riser rail with 4-point fixing brackets
- 1.25 metre flexible anti-kink hose
- Adjustable showerhead riser clamp
- Soap dish and hose retention ring

Catalogue Number	Model/Description
100054	RSELP85S Selectronic Premier STANDARD 8.5kW
100061	RSELP95S Selectronic Premier STANDARD 9.5kW
100078	RSELP108S Selectronic Premier STANDARD 10.8kW
Technical Information	
Water	Operating Pressure 0.7 - 10bar (10 - 140psi)
Entry Points	3 cable & 3 water (top, bottom or rear on the right hand side)
Cold Water Connection	15mm compression nut and olive to inlet fitting of the shower

**A**

**Premier PLUS**



**A**

**Premier WPC**



- 5 spray-mode showerhead
- 1 metre 250kg\* load stainless steel riser grab rail with metal reinforced brackets
- 2 metre flexible anti-kink hose
- Adjustable showerhead riser clamp
- Soap dish and hose retention ring

- 5 spray-mode showerhead
- 1 metre 250kg\* load stainless steel riser grab rail with metal reinforced brackets
- 2 metre flexible anti-kink hose
- Adjustable showerhead riser clamp
- Soap dish and hose retention ring

Includes a RF receiver module and integral shower PCB for wireless connection to all leading brand level access waste pumps (The pump and drain kit are not supplied).

The new generation of Selectronic Premier showers meets the very latest and highest level of industry safety standards and is endorsed by leading care professional bodies.

**RNIB**

Tried and Tested



**Intertek**



Catalogue Number	Model/Description
100085	RSELP85P Selectronic Premier PLUS 8.5kW
100092	RSELP95P Selectronic Premier PLUS 9.5kW
100108	RSELP108P Selectronic Premier PLUS 10.8kW
Technical Information	
Water	Operating Pressure 0.7 - 10bar (10 - 140psi)
Entry Points	3 cable & 3 water (top, bottom or rear on the right hand side)
Cold Water Connection	15mm compression nut and olive to inlet fitting of the shower

Catalogue Number	Model/Description
100115	RSELP85WPC Selectronic Premier WPC (waste pump connectivity) 8.5kW
100112	RSELP95WPC Selectronic Premier WPC (waste pump connectivity) 9.5kW
Technical Information	
Water	Operating Pressure 0.7 - 10bar (10 - 140psi)
Entry Points	3 cable & 3 water (top, bottom or rear on the right hand side)
Cold Water Connection	15mm compression nut and olive to inlet fitting of the shower

\*The grab rail duty is subject to wall material strength and the correct fixings being used by the installer

## Shower Accessories



This Care pack is an ideal upgrade for any Redring shower to assist seated showering. The heavy duty 1 metre stainless steel riser rail is supplied with metal reinforced brackets to allow up to 250kg\* load grab rail function for peace of mind support when moving in wet room areas. This kit also features a 2 metre long flexible anti-kink hose with hose retention ring and a 5 spray mode showerhead with easy rub-clean nozzles. The adjustable spray plate, rise-and-tilt handset clamp and lipped soap dish are all finished in a high contrast grey for ease of visibility in a steamy environment.

Catalogue Number	Model/Description
100719	CCP5GR Care Accessory Pack With Grab Rail Duty

\*The grab rail duty is subject to wall material strength and the correct fixings being used by the installer

This optional accessory allows the user or carer to start and stop the shower from outside the showering area. The hand held start/stop controller is supplied with a wall bracket and a PCB which may be retro-fitted into any of the Selectronic Premier showers by a qualified installer.

Catalogue Number	Model/Description
100139	RSSSRC Selectronic Start/Stop Remote Control Kit



Wall mounted over basin automatic and manual instantaneous hand wash units.

**A**

**I3VS  
Manual Model**



**A**

**AV3S  
Auto Model**



**Product Dimensions (mm)**



Product depth: 83mm (Auto), 99mm (Manual)



**Key Features**

- Easy replacement for all previous Redring I3V units
- 3kW element for rapid heating, with safety overheat protection for peace of mind
- Manual I3VS features a single temperature/flow control for ease of operation
- Auto AV3S offers infrared touch-free operation, ideal for high care applications and hygiene sensitive areas
- Compact and robust, with a 200mm swivel arm and anti-vandal spray head for easy water dispensing
- Unique vortex technology improves flow and prevents limescale build-up
- Auto AV3S has simple installer commissioning to ensure optimum performance and features a 40 second timed shut off to save water and energy

Catalogue Number	Model/Description
43678901	I3VS Manual Hand Wash
43679901	AV3S Autosensor Hand Wash
Technical Information	
Heating	3kW@240V metal sheathed heating element with thermal protection
Cable Connection	Top, bottom or rear 13amps (1.5mm <sup>2</sup> minimum)
Operating Pressure	0.7-7bar (10-102psi)
Water Connection	Cold water mains 1/2" BSP (15mm) bottom entry
Approvals	BEAB & CE mark

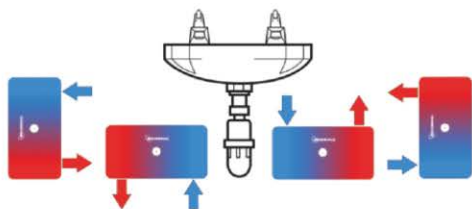


Intertek



## NEW Powerstream | Instant Water Heaters

Available in 9.5kW, 10.8kW and 12kW models, the Powerstream range of unvented inline water heaters will provide a continuous regulated flow of instantly heated water for hand washbasin use. Their compact size and simple inline installation at point of use makes them ideal for ensuite shower rooms, small washrooms, cloakrooms and utility room hand washing applications. A single Powerstream unit will service 1 or 2 hand wash basins.



### Key Features

- Small and compact inline instantaneous water heater ideal for hand basin supply
- Design allows for installation in 4 different orientations giving flexibility to installers
- Instantaneous heating at point of use, eliminates long inefficient pipe run heat loss to a centrally located cylinder, saving space and energy
- Suitable for two hand wash basins or a manual mixer shower and hand basin (with the RM2 accessory)
- A Energy efficiency rated

A



### Product Dimensions (mm)



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
RPS 95	9.5	160	307	84	2.1
RPS 108	10.8	160	307	84	2.1
RPS 12	12	160	307	84	2.1



Readily available stored hot water at point of use, complete with a swivel spout for over sink mounting.



Monoblock chrome vented mixer tap accessory for undersink mounting option



**Product Dimensions (mm)**



Product depth: 232mm

**Key Features**

- Adjustable thermostat with 15-75°C temperature range with frost protection setting
- Over temperature safety fuse protection for peace of mind
- 300mm swivel spout, perfect for dishwashing
- Optional 450mm and 600mm spouts also available
- Monoblock chrome vented mixer tap accessory for undersink mounting option
- Easy install
- B Energy Rating

Catalogue Number	Model/Description
44780001	WS73 7Ltr Storage Water Heater 3kW
Technical Information	
Capacity	7 Litres
Cable Connection	Bottom entry
Power	3kW@240V
Water	Operating pressure 0.7-10bar (10-150psi), 15mm cold water compression
Approvals	BEAB & CE mark
Ingress Protection	IPX4





BURCO  
50°C

BURCO

# BURCO

AFF10CT / AFU20CT	100
AFF5CT / AFF10CT / AFF20CT / AFF20TT	101
AFF5WM / AFF10WM	102
AFU3WM / AFU7WM	103
MFCT10ST / MFCT20ST / MFCT30ST	104
HWO1	105

# Autofill Countertop Boilers | Without Filtration



Autofill Water Boilers are an energy efficient, effortless solution for situations that require constant hot water quickly, plumbed into the water mains, no need to manually refill. The autofill boilers come with a computerised system to offer additional features, model dependant, such as descale warnings, filter change alerts, eco mode. They are particularly popular in catering establishments, staff rooms, hospitals and canteens. For areas with hard water we recommend our models with filtration. Where counterspace is limited we offer Wall Mounted units. For business who offer a range of speciality teas that require brewing at different temperatures the slim design makes it possible to have multiple units. We have sizes from three up to 20 litres to suit all requirements.

## Burco Autofill Countertop

### Key Features

- 70°C-98°C temperature range
- Replaceable water filter provides reduced limescale build-up
- LED light for filter change warning
- Eco-mode can be programmed to suit location, reducing running costs
- Easy to access tank for descaling/cleaning
- Tough plastic drip tray, with drain outlet for optional waste water connection
- Dual function chrome tap (controllable and constant flow)

### Safety Features

- Non Slip Feet
- Boil Dry Thermal Cut Out

### Supply

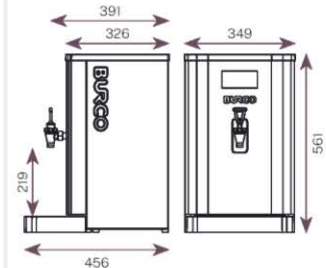
- UK fitted plug
- 1.5m cable length
- 2m water feed pipe length
- 230V 50-60Hz
- 3/4" BSP water inlet connection
- 2.8 kW element power rating



Pictured: AFF10CT



### AFF10CT Dimensions (mm)



	Burco Autofill Countertop 5L	Burco Autofill Countertop 10L	Burco Autofill Countertop 20L
GDHV Product Number	069764	069771	500000137
Model number	AFF5CT	AFF10CT	AFF20CT
Rapid draw off (L)	5.7	11.5	22
Recovery per minute (L)	0.5	0.5	0.5
Cups per hour	206		
Heat up time to 98°C (minutes)	22.5	34	56
Heat up time to 70°C to 98°C (minutes)	376	450	596
Cool down from 98°C to 70°C (minutes)	6.5	10	16

073242

BC02 Burco filters - 20 pack (for new models)

## Burco Autofill Countertop 20L Twin Tap (6kW)

### Key Features

- 70°C-98°C temperature range
- Both taps may be used simultaneously powered by a 5.6kW element
- Replaceable water filter provides reduced limescale build-up
- LED light for filter change warning
- Eco-mode can be programmed to suit location, reducing running costs
- Easy to access tank for descaling/cleaning
- Tough plastic drip tray, with drain outlet for optional waste water connection
- Dual function chrome tap (controllable and constant flow)

### Safety Features

- Non Slip Feet
- Boil Dry Thermal Cut Out

### Supply

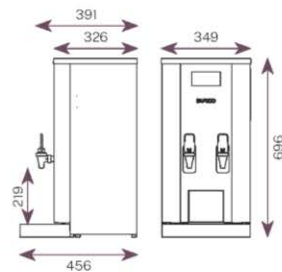
- Requires hardwiring
- 2m water feed pipe length
- 230V 50-60Hz
- 3/4" BSP water inlet connection
- 6 kW element power rating



Pictured: AFF20TT



### AFF20TT Dimensions (mm)



## Burco Autofill Countertop

### Key Features

- 98°C temperature
- LED light for descale warning
- Easy to access tank for descaling/cleaning
- Tough plastic drip tray, with drain outlet for optional waste water connection
- Dual function plastic tap (controllable and constant flow)

### Safety Features

- Non Slip Feet
- Boil Dry Thermal Cut Out

### Supply

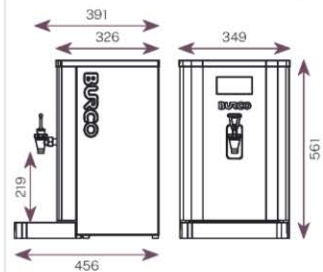
- UK fitted plug
- 1.5m cable length
- 2m water feed pipe length
- 230V 50-60Hz
- 3/4" BSP water inlet connection
- 2.8 kW element power rating



Pictured: AFU10CT



### AFU10CT Dimensions (mm)



### Burco Autofill Countertop 20L Twin Tap (6kW) (Built-in Filtration)

GDHV Product Number	069795
Model number	AFF20TT
Rapid draw off (L)	22
Recovery per minute (L)	1
Cups per hour	400
Heat up time to 98°C (minutes)	34
Heat up time from 70°C to 98°C (minutes)	10
Cool down from 98°C to 70°C (minutes)	596

### Burco Autofill Countertop 10L (Without Filtration)

### Burco Autofill Countertop 20L (Without Filtration)

GDHV Product Number	069825	069832
Model number	AFU10CT	AFU20CT
Rapid draw off (L)	11.5	22
Recovery per minute (L)	0.5	0.5
Cups per hour	206	
Heat up time to 98°C (minutes)	34	56
Heat up time from 70°C to 98°C (minutes)	10	16

# Autofill Wall Mounted Boiler | With Built-in Filtration

## Key Features

- 70°C-98°C temperature range
- Compact & stylish, sits above counter or sink
- Replaceable water filter provides reduced limescale build-up
- LED light for filter change warning
- Eco-mode can be programmed to suit location, reducing running costs
- Easy to access tank for descaling/cleaning
- Dual function chrome tap (controllable and constant flow)

## Safety Features

- Boil Dry Thermal Cut Out

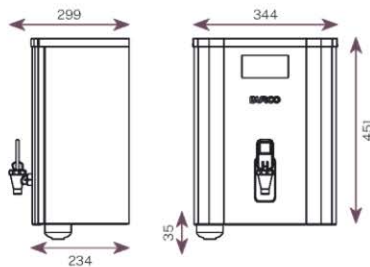
## Supply

- 2m water feed pipe length
- 230V 50-60Hz
- 3/4" BSP water inlet connection
- 2.8 kW element power rating



Pictured: AFF5WM

## Dimensions AFF5WM (mm)



	Burco Autofill Wall Mounted 5L (Built-in Filtration)	Burco Autofill Wall Mounted 10L (Built-in Filtration)
GDHV Product Number	069801	069818
Model number	AFF5WM	AFF10WM
Rapid draw off (L)	5.7	11.5
Recovery per minute (L)	0.5	0.5
Cups per hour	206	
Heat up time to 98°C (minutes)	22.5	34
Heat up time from 70°C to 98°C (minutes)	6.5	8
Cool down from 98°C to 70°C (minutes)	376	240

073242

BC02 Burco filters –20 pack (for new models)



### Key Features

- 98°C temperature
- LED light for descale warning
- Easy to access tank for descaling/cleaning
- Compact & stylish, sits above counter or sink
- Dual function plastic tap (controllable and constant flow)

### Safety Features

- Boil Dry Thermal Cut Out

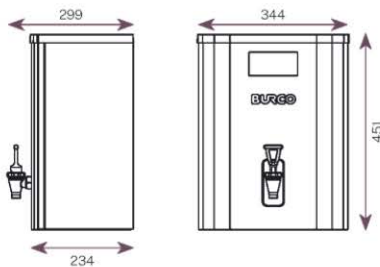
### Supply

- 2m water feed pipe length
- 230V 50-60Hz
- 3/4" BSP water inlet connection
- 2.8 kW element power rating



Pictured: AFU7WM

### Dimensions AFU7WM (mm)



	Burco Autofill Wall Mounted 3L (Without Filtration)	Burco Autofill Wall Mounted 7.5L (Without Filtration)
GDHV Product Number	069924	069931
Model number	AFU3WM	AFU7WM
Rapid draw off (L)	3.4	8.5
Recovery per minute (L)	0.5	0.5
Cups per hour	206	
Heat up time to 98°C (minutes)	18	29



# Manual Fill Boiler



Manual Fill Water Boilers are portable units, perfect for when there is limited access to the mains water connection. They are often referred to as urns and are particularly popular for outdoor settings, mobile catering and events. Simple to use; plug in, fill and switch on. All our manual fill boilers have a protected element and boil dry cut out feature giving peace of mind and a longer lasting product. Our range offers sizes from as little as 10 up to 30 litres for busier functions.

## Burco 10L / 20L / 30L Manual Fill Boiler

### Key Features

- Simply plug, fill & go
- Robust easy clean steel construction
- 37°C-97°C temperature range
- Variable thermostat, 5 options
- Lid with flush fit handle & fingertip guard
- Carry Handles
- Concealed heating element with thermal cut out
- CE marked & EMC tested
- Neon indicator light
- Dual function plastic tap (controllable and constant flow)

### Safety Features

- Non Slip Feet
- Boil Dry Thermal Cut Out

### Supply

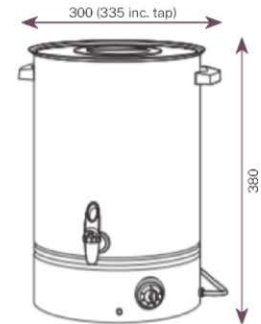
- UK fitted plug
- 1.7m cable length
- 230V 50-60Hz
- 3 kW element power rating



Pictured: MFCT10ST



### Dimensions MFCT10ST (mm)



	Burco Manual Fill 10L Boiler	Burco Manual Fill 20L Boiler	Burco Manual Fill 30L Boiler
GDHV Product Number	444448528	444448529	444448530
Model number	MFCT10ST	MFCT20ST	MFCT30ST
Capacity (L)	10	20	30
Heat up time to 97°C (minutes)	25	45	70
Energy Consumption	1kW per hour	1kW per hour	1kW per hour

# Mobile Handwash



A portable hand wash sink that provides hot running water to wash hands where there is no mains water supply. Due to the large wheels it offers portability and one fill allows 80 handwashes. Ideal for mobile catering and additional handwash facilities on building sites, commercial and educational settings. The foot operated system maximises hygiene efficiency and reduces the spread of germs.

## Burco 30L Mobile Handwash

### Key Features

- Simply plug, fill & go
- 80 handwashes per fill
- Foot operated infrared system
- Large fitted wheels for portability

### Safety Features

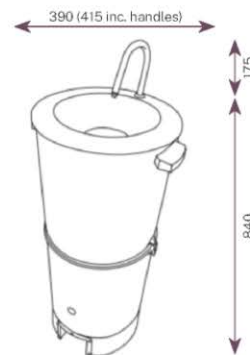
- Temperature limited to 42°C

### Supply

- UK fitted plug
- 1.5m cable length
- 230V 50-60Hz
- 2 kW element power rating



### Dimensions HW01 (mm)



**3**  
YEAR  
Parts  
WARRANTY

**1**  
YEAR  
Labour  
WARRANTY

### Burco Mobile Handwash

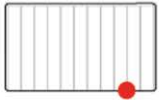



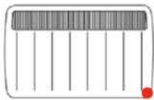
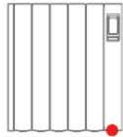




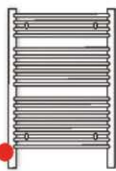
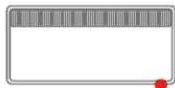

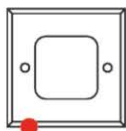



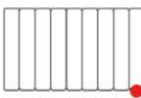
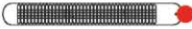
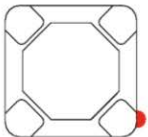





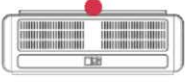

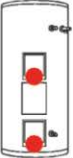


GDHV Product Number	444448591
Model number	HW01
Capacity (L)	10
Heat up time to 42°C (minutes)	15
Power Rating	1680-2000W
IPX Rating	4



# Support

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# Cable Entry Points

					
Q-Rad	Girona	Monterey	Saletto	PLXE	CAR
					
LST	Quantum	XLE	BPH	TDTR	TPRIIE
					
CPTS	FSC	FX20VE	FX20EIPX4	ECOT	CEPE
					
IRX	RUG3TS	ECR	OCR	OFX	CLR
					
DXFF	AC	AC3RE	ECSd	EDL	TSRE

## Heater Sizing Tables

### Living or dining room: Quantum off-peak heaters are recommended

Heater loading in kW. Temperature 21°C

Floor area m <sup>2</sup>	Solid walls No. of outside walls			Cavity walls No. of outside walls			Insulated cavity walls No. of outside walls		
	1	2	3	1	2	3	1	2	3
12	1.84	2.16	2.88	1.60	1.92	2.48	1.12	1.28	1.68
16	2.08	2.48	3.20	1.84	2.32	2.88	1.36	1.60	1.92
20	2.64	3.12	3.92	2.32	2.72	3.44	1.68	1.92	2.32
24	2.96	3.44	4.32	2.64	3.12	3.76	2.08	2.32	2.64
28	3.28	3.92	4.80	2.96	3.44	4.24	2.16	2.48	2.96
32	3.52	4.32	5.28	3.28	3.76	4.72	2.40	2.72	3.20

### Bedrooms: panel heaters are recommended

Heater loading in kW. Temperature 18°C

Floor area m <sup>2</sup>	Solid walls No. of outside walls			Cavity walls No. of outside walls			Insulated cavity walls No. of outside walls		
	1	2	3	1	2	3	1	2	3
15	2.16	2.96	4.08	2.00	2.56	3.52	1.68	2.08	2.64
20	2.64	3.52	4.48	2.40	3.12	4.00	2.08	2.56	3.12
25	2.96	4.08	5.20	2.72	3.68	4.56	2.40	3.04	3.60
30	3.52	4.72	5.84	3.36	4.24	5.20	2.88	3.52	4.16
40	4.80	5.92	7.68	4.40	5.36	6.72	3.92	4.48	5.36
50	5.28	6.80	8.40	4.96	6.24	7.44	4.48	5.28	6.08

### Kitchen

Heater loading in kW. Temperature 18°C

Floor area m <sup>2</sup>	Solid walls No. of outside walls			Cavity walls No. of outside walls			Insulated cavity walls No. of outside walls		
	1	2	3	1	2	3	1	2	3
10	1.28	1.68	2.32	1.12	1.60	1.92	For all kitchens with cavity wall insulation, direct heating is preferred		
12	1.52	2.16	2.64	1.36	1.84	2.32			
14	1.68	2.40	2.88	1.60	2.08	2.48			
16	1.92	2.64	3.12	1.68	2.32	2.72			

Commercial heating: Quantum off-peak heaters are recommended. Sizing is based on a single storey with a ceiling height of 3m and a minimum of 75mm of roof insulation.

### Office

Heater loading in kW. Temperature 21°C

Floor area m <sup>2</sup>	Solid walls No. of outside walls			Cavity walls No. of outside walls			Insulated cavity walls No. of outside walls		
	1	2	3	1	2	3	1	2	3
15	2.16	2.96	4.08	2.00	2.56	3.52	1.68	2.08	2.64
20	2.64	3.52	4.48	2.40	3.12	4.00	2.08	2.56	3.12
25	2.96	4.08	5.20	2.72	3.68	4.56	2.40	3.04	3.60
30	3.52	4.72	5.84	3.36	4.24	5.20	2.88	3.52	4.16
40	4.80	5.92	7.68	4.40	5.36	6.72	3.92	4.48	5.36
50	5.28	6.80	8.40	4.96	6.24	7.44	4.48	5.28	6.08

These tables provide heater-sizing guidance for traditional electric heating systems, including Quantum, storage heaters and panel heaters.

For single properties please complete a heat design form and send it with a sketch plan to our heating design department. We aim to provide an accurate assessment within seven working days.

For multiple properties, please send us comprehensive scale drawings (scale 1:50 or 1:100) together with construction details and any other relevant information. We offer a fourteen working day service for this type of assessment.

### Heating Calculator tool

This tool will help you to estimate how much heat you need for a room and better understand the heat loss and load of a new project



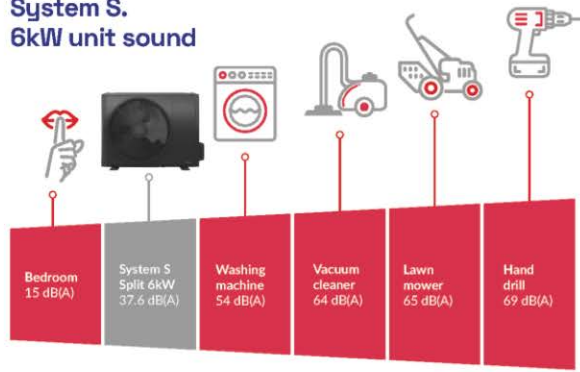
### Applications Design

Providing you with design support and guidance when specifying HVAC solutions for commercial and residential projects

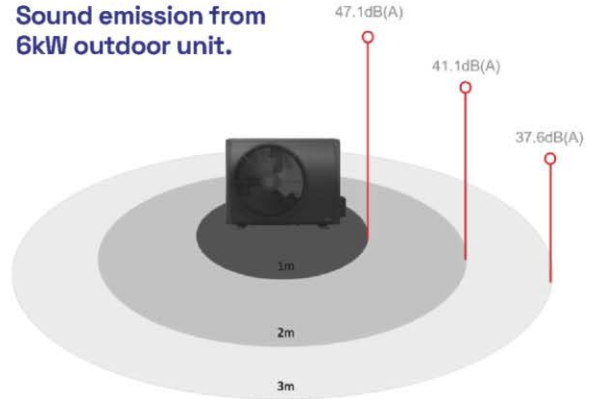


## System S | Heat pump support

### System S. 6kW unit sound



### Sound emission from 6kW outdoor unit.



Above diagrams demonstrates Sound Pressure at 3m A7/W55.

## Designed for quiet operation.

System S has been designed to be acoustically non-intrusive, making it ideal for projects where density is a consideration

	Noise (Sound Power – EN 14825)	
	6kW	10kW
Heating A7/W35	58 dB(A)	60 dB(A)
Quiet Mode	53 dB(A)	55 dB(A)

## Product Dimensions (mm)

### 6kW outdoor unit Weight: 60kg



1008



426

712

### 10kW outdoor unit Weight: 78.5kg



1118



523

865



1850

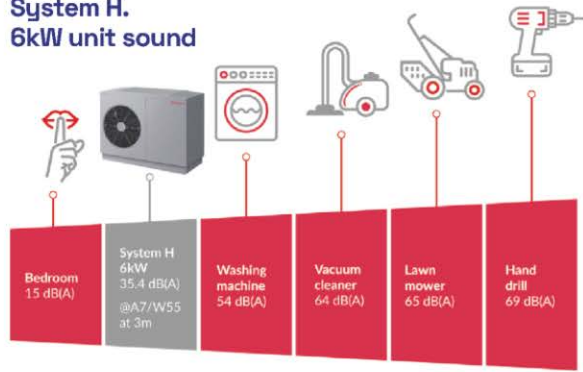
## Applications Design

Providing you with design support and guidance when specifying HVAC solutions for commercial and residential projects

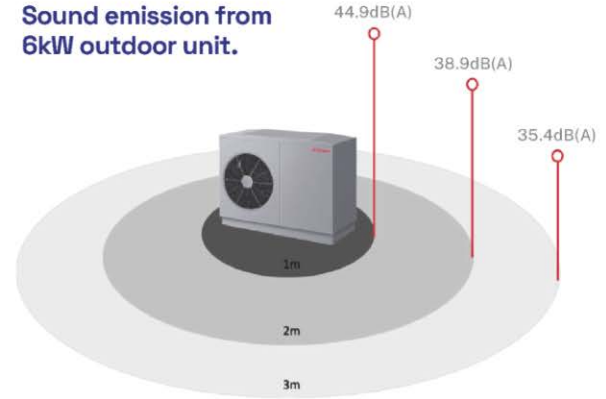




**System H.  
6kW unit sound**



**Sound emission from  
6kW outdoor unit.**



Above diagrams demonstrates Sound Pressure at 3m A7/W55.

**Designed for quiet operation.**

System H has been designed to be acoustically non-intrusive, making it ideal for projects where density is a consideration

	Noise (Sound Power – EN 14825)	
	6kW	10kW
Heating A7/W55	55.8 dB(A)	57.6 dB(A)

**Product Dimensions (mm)**

**6kW outdoor unit**  
Weight: 60kg



**8kW outdoor unit**  
Weight: 78.5kg



**Applications  
Design**

Providing you with design support and guidance when specifying HVAC solutions for commercial and residential projects



## Useful links | Continuing Professional Development



Our CPDs are designed to help building professionals understand different technologies, from project application to potential routes to compliance.

All our presenters are trained by Glen Dimplex Heating & Ventilation, as well as having extensive experience within the industry to better understand your requirements.

### Topic areas

- Air Movement
- Heating and Cooling
- Gaining Compliance
- Water Heating
- Ventilation

#### Applications Design

Providing you with design support and guidance when specifying heating, ventilation and hot water solutions for commercial and residential projects



#### Heating Calculator tool

This tool will help you to estimate how much heat is needed for a room and better understand the heat loss and load of a project



#### CPDs



## Product Warranty Registration

### Why register your products with us?

- Faster customer service
- Guarantee management & Extended warranty
- Product recall notification

 **Dimplex**<sup>®</sup>



**Creda**



 **Xpelair**<sup>®</sup>



 **REDRING**



### GDHV Help Centre

Explore help articles, How to's and FAQs or submit a support ticket.



### GDHV Trade & Partner Support Team

0344 879 3587 or  
email [gdhv.partnersupport@glendimplex.com](mailto:gdhv.partnersupport@glendimplex.com)  
Telephone response times:  
Monday to Friday 8:30am to 4pm.



# Dimplex PRO

## INSTALLER CLUB

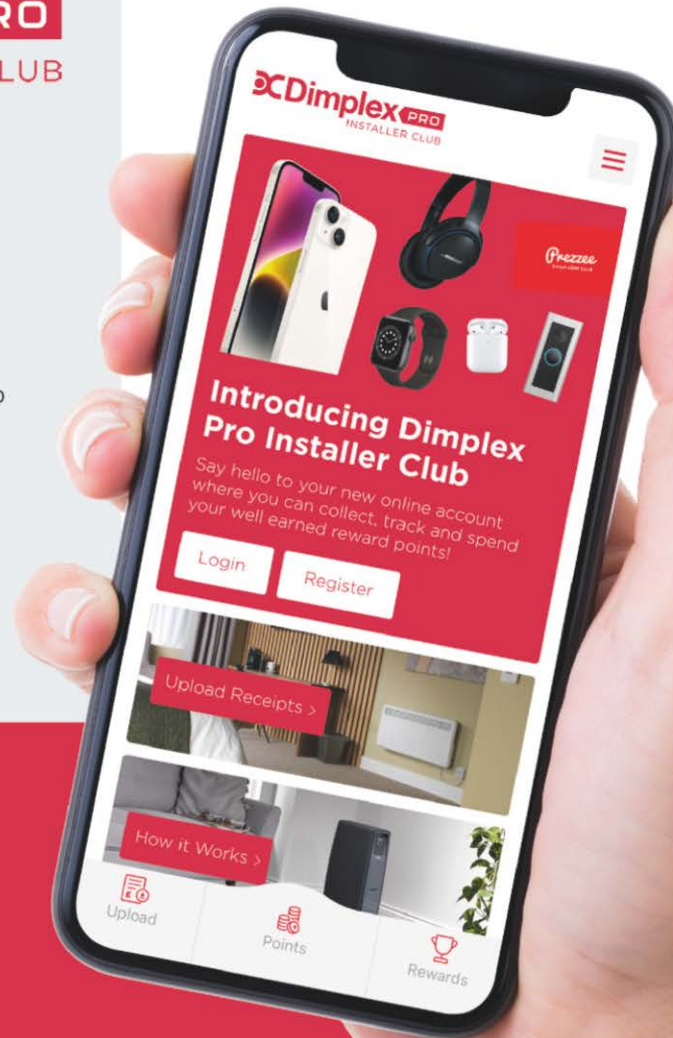
Great installation is such an important part of the overall product experience for our customers that we've started a new installer scheme.

We want to work more closely with the people who install our products, sharing resources, technical information, support and many other things that help get the job sized, installed, registered and set up quickly and correctly.

We've even started a points scheme where accredited installers can earn towards a wide range of tools, gifts and vouchers when recommending and installing our products.


### Do you install Dimplex products? If so, would you like:






- Access to technical information on-line and on the phone
- Support in quickly and accurately sizing our products
- A listing for your business on our website to help local customers find you
- Information on our latest products, installation tips and competitions
- The chance to be rewarded for installations, training and sharing your thoughts with us



Search 'Dimplex Pro Installer Club' to find out more.'

# Find an installer

Postcode  **Find installers >**

- 
**KCM SERVICES** Distance: 6.29 miles  
 178 Stirling Crescent, Hedge End, Southampton, SO30 2AL.  
[Find out more](#)
- 
**Wireworks Electrical Ltd** Distance: 7.63 miles  
 8 Buchan Avenue, Fareham, PO15 7EU.  
[Find out more](#)
- 
**Remuz Electrical Solutions** Distance: 9.69 miles  
 53 Sholing Place, Southampton, Hampshire, SO19 2EF.  
[Find out more](#)
- 
**Streamline Electrical Contractors Ltd** Distance: 12.38 miles  
 Unit 2 Aura House, New Road, Havant, PO9 1DE.  
[Find out more](#)
- 
**BHM Electrical Services Ltd** Distance: 13.4 miles  
 12 Westlink, Cupernham Lane, Romsey, SO51 7JF.  
[Find out more](#)

**Are you a consumer and want to find an accredited Dimplex installer in your area?**

**If so, scan the QR code below to visit our how to buy page and search our directory of listed installers**



**Are you an installer and want to get featured on our list?**

**Scan the QR code below to opt in to be featured on our website and help us provide the best service for your customers looking to buy or install our products**







## Product Training

We offer product training covering a range of key products, including heat pumps, panel heaters, ventilation and high heat retention storage heating (HHRSH), to specifiers and installers. Our offering includes BPEC accredited courses and hands-on installation training at our training locations.



## GDHV Training Academy

We have also invested in a product training portal, Totara, on which we can set up personalised accounts to allow you to access product videos, manuals and further training materials.

## Heating and Ventilation

---

**For more support on heating including FAQs, help articles and trouble shooting scan the QR codes opposite:**

### **Examples of Quantum FAQs include:**

- How do I reduce the running costs of my Quantum heaters?
- With the rising price of energy, how can I make my Quantum heaters run more efficiently?
- What is adaptive start and how do I enable/disable it?



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### **Examples of Panel Heaters FAQs include:**

- How do I reduce the running costs of my electric radiators and panel heaters?
- Can the heaters be controlled via the Dimplex Control app whilst the heaters themselves are in a Child Lock or PIN lock state?
- Where can I find the instruction manual for my Panel heater?



---

### **Examples of Storage Heaters FAQs include:**

- Do I need to have my storage heaters serviced or inspected annually?
- What happens if my storage heater bricks are damp?
- Why is my storage heater making a buzzing noise? What is causing the buzzing noise?



---

**For more support on ventilation including FAQs, help articles and trouble shooting scan the QR codes opposite:**

### **Examples of ventilation FAQs include:**

- Why choose a round or square fan?
- What size fan do I need?
- How do I adjust the timer and humidistat settings on my Centrifugal fan?





**For more support on hot water including FAQs, help articles and trouble shooting scan the QR codes opposite:**

**Examples of Edel FAQs include:**

- What ducting can be used for Edel?
- How do I set the water temperature on Edel?
- How much of a temperature drop is needed on the Edel hot water cylinder before it will start up and reheat the tank?



**Examples of shower FAQs include:**

- The flow of water from my Redring shower seems very poor, what could be the problem?
- Can a Redring shower be connected to a cold mains supply?
- What is the minimum flow rate and water pressure required for a Redring electric shower?



**For more support on heat pumps and renewables including FAQs, help articles and trouble shooting scan the QR codes opposite:**

**Examples of Renewables FAQs include:**

- How do I activate test mode on a SmartRad
- Can a PV Optimiser be directly connected to an Edel tank immersion element?
- Can Quantum storage heaters be connected directly from a solar PV system and divert power to the heater?



**Examples of Heat pumps FAQs include:**

- How do I switch on the backup on my heat pump?
- What is the maximum install distance for my outdoor heat pump unit?
- Do I need an F Gas qualified installer to fit my heat pump?

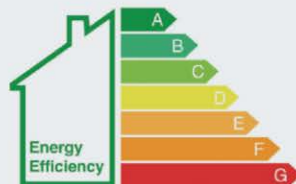


## SAP and EPCs



### Standard Assessment Procedure (SAP)

The Standard Assessment Procedure (SAP) is the methodology used by the government to assess and compare the energy and environmental performance of dwellings. For refurbishment projects, a simplified version (reduced data SAP, or 'RdSAP') is used to calculate what impact changes will have on the energy use, carbon intensity and running cost and of an existing dwelling.



### Energy Performance Certificate (EPC)

An Energy Performance Certificate (EPC) is a scale on which a building's SAP score is rated, and is produced from the modelling of a dwelling in RdSAP. EPCs are a legal requirement when selling or letting a property, allowing for comparison of energy use and expected running costs.

'A' represents the most energy efficient property and 'G' represents the least energy efficient property. An EPC must be carried out by a qualified Domestic Energy Assessor and will also show a building's environmental impact by indicating its carbon dioxide emissions. The assessor looks at factors such as the wall, floor and roof insulation, heating system efficiency, and even the type of lightbulbs in use.

EPCs also allow for minimum standards to be set and progress to be tracked across the housing stock of property owners. For example, a landlord may be looking for improvements in their heating system as they need to bring their domestic buildings up to an 'EPC of C or above' by the 2025 deadline.

Products we typically supply for the improvement of EPCs include Quantum heater (see pages 16-17) and Edel hot water heat pump ranges (see pages 28-29)

**RDSAP guide:**





## Running Costs

What a system will cost to run is a question everyone wants to ask, but it's not so simple to answer. The running cost of a heating system will be impacted by:

- **Outside temperatures**
- **Thermostat setting (inside temperatures)**
- **Duration of heating / occupancy**
- **Insulation levels of the space**
- **The amount of hot water used**
- **Energy tariff and electricity unit cost**

To minimise costs, it's important to pick the correct technology for the building and occupancy patterns. The existing heating system, metering arrangement and building attributes will decide what can be fitted. It's critical to match the energy tariff type to the system as well, making sure to consider water heating requirements alongside those of the space heating system. Our team can't tell you what a system is going to cost to run, but they can help you work out which system is likely to be the cheapest, contact us today for design support in providing the best option for a building and its occupants.



## Efficiency

The term 'efficiency' is often used incorrectly when describing electric heating. Electric heating is 100% efficient at the point of use. This means that every kW that the heating system draws through the electricity meter ends up as heat in the space.

In 2018 the EcoDesign directive set minimum compliance levels of accuracy for thermostats, meaning that all products on the market will be within decimal points of a degree of each other. Because of this, the heating system only draws the energy that it needs to keep a space at a set temperature, which is the amount of energy that is lost to outside through the materials between the spaces. When we talk about efficiency, what we often mean is how accurately can the heating system maintain the temperature required by the occupants, and how easily can it be adjusted for change. This is the reason that energy saving features such as open window detection, and on the go adjustment capabilities such as those offered with the Dimplex Control Hub and smart app are important considerations to make when thinking about how 'efficient' a heating system will be in use.

Finally, having addressed energy efficiency and it can be more cost efficient to draw energy at a time when it is cheaper, for example by using smart storage heating and off peak tariffs.

