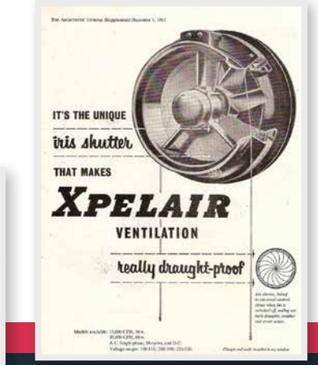
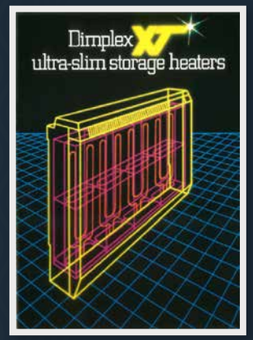
Dimplex® | Xpelair® by Dimplex

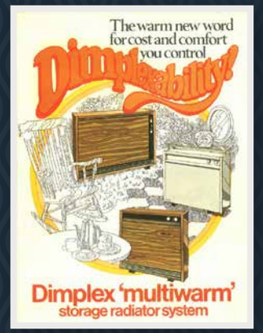
2025

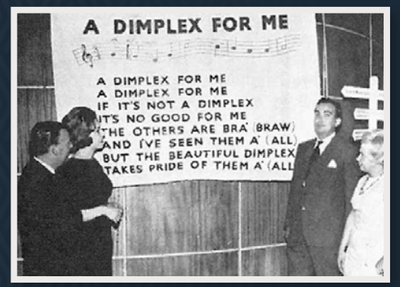
Trade Catalogue

Heating and Ventilation









Dimplex® | Xpelair® by Dimplex

History and Heritage of Dimplex and Xpelair Brands

Dimplex is proud of its role as a formative brand of the Glen Dimplex Group and has been bringing comfort to people's lives since the 1940s through the power of electricity.

During the 1950s & 1960s, the growth of the brand was meteoric, and in the 1970s, amidst great economic uncertainty, acquisition by Glen to form Glen Dimplex marked the brand's re-birth.

The evolution of Dimplex gathered real pace in the early 1990s as the Group entered a new phase of growth through acquisition. Since then, Dimplex has grown exponentially to become a global leader in electric comfort solutions.

This relentless investment in research, innovation and design has led to pioneering new technology in energy efficient thermal batteries, heat pumps and electric flame, with multiple ground-breaking patents registered.

Xpelair's history dates back to the 1950s, when GEC, a major British engineering company, began manufacture of commercial and domestic fans in Manchester. The Xpelair brand was then officially established in 1968, and over the next few decades its growth was supported by a number of significant product range extensions.

Xpelair became part of the Glen Dimplex Group in 2006 and continues to remain at the forefront of the ventilation industry, developing innovative technologies that address the demand for fresh air.

Today, Xpelair is a recognised brand in the manufacturing and development of sustainable, eco-friendly ventilation products. From bathroom extract and whole-house heat recovery units to commercial ventilation fans, Xpelair's decades of experience and a range of over 100 products offer a dynamic choice based on quality, ease of installation and reliability.

Every day, Dimplex's integrated and intelligent low-carbon systems for heating, cooling and ventilation are used in homes and buildings around the world.

Contents

Trade Catalogue 2025

Sustainability and Electrification	4-5
Whole Home Heating Solutions	6-7
Dimplex Heating	8-47
Xpelair Ventilation	48-75
Useful Information	76-91

Dimplex® | Xpelair® by Dimplex

Sustainability

The impacts of climate change are being felt in every corner of our world, and to avoid the very worst effects we need to end our reliance on fossil fuels.

With nearly a quarter of the UK's emissions coming from buildings, tomorrow's homes must be heated and ventilated by efficient, smart devices that use renewable electricity to provide comfort.

As we work towards a world of carbon zero, we have a responsibility as a business to put sustainability at the forefront of the decisions that 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.

We are committed to doing our part by signing up to the trade body BEAMA's Net Zero by Design programme. Electrification of heat in homes is the next stage of transition towards this goal and we are 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 and people like you we are enabling the transition to a sustainable world.

Whole Home Heating Solutions

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.

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 could help achieve the clean, fresh and healthy air for your home. Xpelair includes a range of solutions, from single bathroom fans, single room and whole-house heat recovery units, to commercial ventilation systems.

2 Dimplex bathroom heating
With a range of towel rails, downflow heaters and bathroom heaters, Dimplex has something for all bathroom sizes, with a range of IP rated products to suit different locations in bathrooms and wet rooms.

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

4 Dimplex electric heaters
Dimplex offers electric radiators, convectors and panel heaters with a variety of styling and controls to meet the needs of various domestic applications, from whole-home heating solutions to standalone garden office, conservatory and bedroom heaters.

5 Dimplex Quantum HHR 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.

Dimplex Heating

Control Platform

Dimplex Control App	10
Dimplex Hub	11
RFM Radio Frequency Module	11
The Dimplex Control Platform	12-13

Storage Heaters

Quantum HHR Storage Heater	14-15
XLE Slimline Storage Heater	16

Panel Heaters and Electric Radiators

LSTE Low Surface Temperature Panel Heater	17
Q-Rad Electric Radiator	18-19
AluRad Wi-Fi Electric Radiator	20-21
Alta Wi-Fi Panel Heater	22-23
IRP Far-Infrared Panel Heater	24-25
PLXENC Panel Heater	26
PLXE Panel Heater	27

Heat Pumps and Water Heating

Edel Hot Water Heat Pump	28-29
QWCd Quantum Hot Water Cylinder	30
ECSd Direct Water Cylinder	31

Kitchen and Bathroom Heating

TRM Towel Rail	32-33
Downflow Heaters	34
BFHE Base Unit Heater	35

Commercial Heating

Over Door Heaters	36-37

Oil-Filled Panel Radiator

Mk1E Wall-Mounted Panel Radiator	38

Portable Heating

ML Series Convector Heaters	39
Fan Heaters	40-41
Studio G Tower Fan Heater	42
FutuRad Oil-Free Radiator	43
Eco Chico Oil-Free Mini Heater	44
OFXE Oil-Filled Panel Radiator	45

Supplementary Heating

ECOT Tubular Heater	46

Dehumidifiers

EverDri	47

The 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.

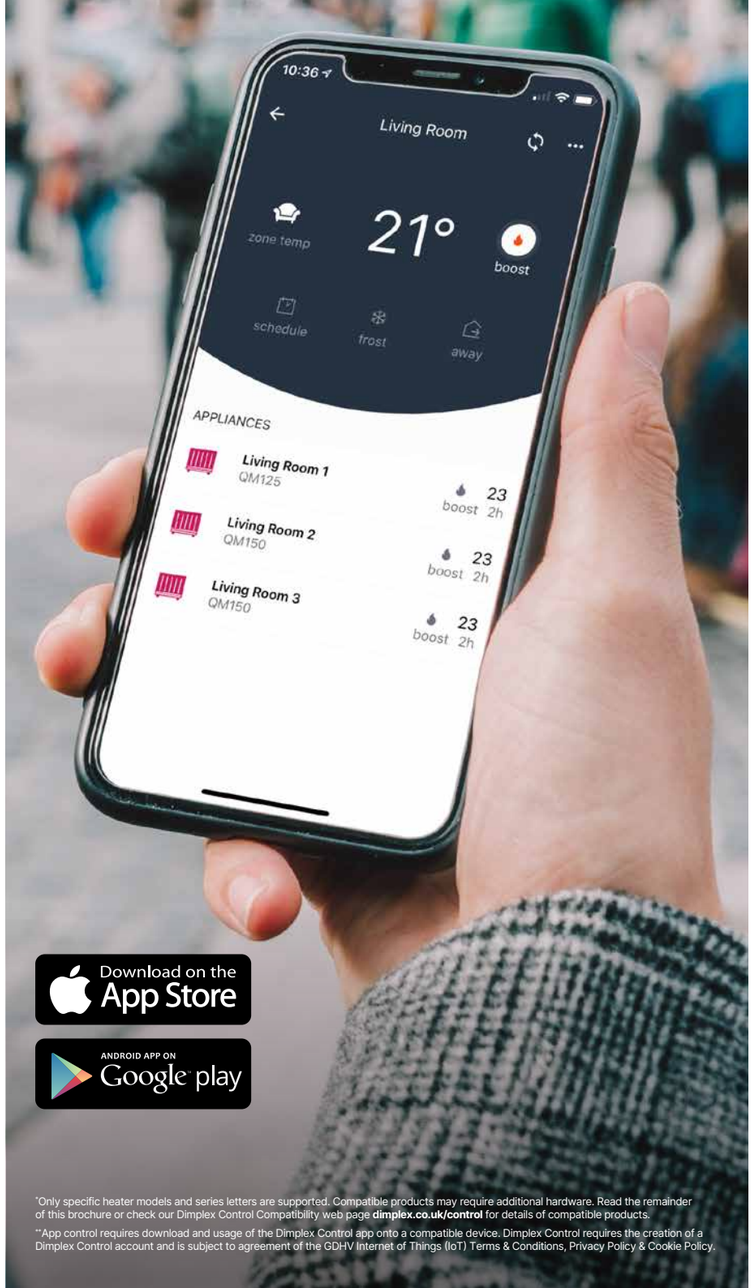
Dimplex Control allows you to group heaters into zones to track and adjust their usage. Any time. Anywhere.

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 setup 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 to monitor and control your heating from anywhere in the world using the Dimplex Control app** and a mobile data connection
- Setup wizard to guide you through getting your Hub connected to the Internet, and your products connected to the Hub**
- Monitor your energy usage
- See how much hot water is available at the set temperature†

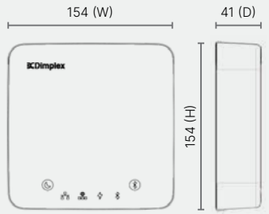
†Requires a compatible Dimplex Edel Hot Water Heat Pump or Quantum Water Cylinder (QWCd)



*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 **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 & Conditions, Privacy Policy & Cookie Policy.

Product Dimensions (mm)



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.

Look for the Hub icon on products which can be controlled as part of this system.

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

Dimplex Hub

Connectivity & Control

Key Features

I/O Connection to Devices
- E868MHz 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

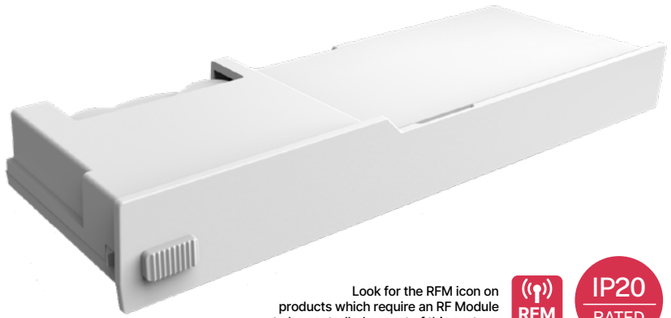
Range
20m depending on environment.††

Max. Connections per Hub
20 devices per Hub.

Colour/Finish
Moulding – Traffic White (RAL 9016).

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

Model No. **RFM**



Look for the RFM icon on products which require an RF Module to be controlled as part of this system.

RFM

IP20 RATED

RFM Radio Frequency Module

Radio Frequency Connectivity

Key Features

I/O Connection to Devices
- 868MHz low brand RF, Mesh (6LoWPAN), AES-128 encrypted.

Encryption
- HTTPS
- X.509 certificates

Colour/Finish
Moulding – Traffic White (RAL 9016).

††No. of walls, wall construction, noise on operating frequency, etc., will affect range.

The Dimplex Control Platform

What is Dimplex Control?

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**

HUB **Product requires a Dimplex Hub sold separately**

RFM **Product requires a Radio Frequency Module sold separately**

The Dimplex Control App
Page 10

Dimplex Hub
Page 11

Radio Frequency Module
Page 11

Connected Products

HUB

Quantum
Page 14

HUB

Q-Rad
Page 18

HUB RFM

PLXE
Page 27

HUB RFM

LSTE
Page 17

HUB

Edel
Page 28

HUB

Quantum
Water Cylinder
Page 30

Dimplex Heating
Control Platform

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.

Dimplex Control

See page 10-13 for details

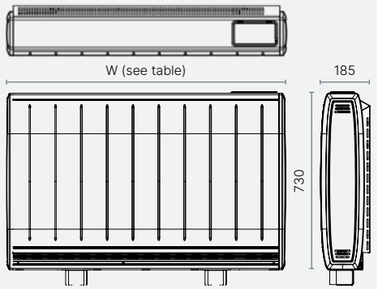
HUB

Ecodesign Compliant

BEAB Approved

Intertek

Product Dimensions (mm)



For taller skirting boards, Quantum Tall Feet Kit is available to purchase separately. It helps to raise the heater further up off the floor allowing the wall brackets to clear most skirting boards found in the UK properties.

5 YEAR UK Manufacturer GUARANTEE (registration required)

IPX4 RATED

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	0.5	340	730	580	185	22.7	67	4
QM070RF	1560	0.7	520	730	703	185	26.1	91	6
QM100RF	2220	1	740	730	865	185	30	115	8
QM125RF	2760	1.25	920	730	1069	185	35.5	142	10
QM150RF	3300	1.5	1100	730	1069	185	38.5	165	12

*According to independent testing

Quantum

High Heat Retention Storage Heater

Key Features

- Built-in RF module as standard
- Complies with Lot 20 of ERP Directive
- Meets criteria for SAP High Heat Retention Storage Heater
- Dynamic, intelligent charge calculation stores only the energy you need
- Up to 27% cheaper to run than a standard storage heater system*

Controls

Digitally controlled electronic thermostat accurate to ±0.2°C. Set point range (7-30°C).

Timer Modes: 7 Day Programmable User Timer, Out All Day, Home All Day.

Heat Modes: 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
- Automatic charge control
- History/reporting screens
- Boost mode, user adjustable
- Heat demand % adjustment
- Child lock and full heater lock (PIN based)

Safety Features

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

Colour/Finish

Traffic White (RAL9016), Grille – RAL7035 anodised.

Storage Core

High-density bonded magnetite energy cells.

Supply

- 1/N/1/N/PE ~230-240V (Twin Supply) 230-240V / 50 Hz Class I
- 1/N/PE ~230-240V (Single Supply) 230-240V / 50 Hz Class I

XLE
Slimline Storage Heater

IPX4 RATED

2 YEAR UK Manufacturer GUARANTEE

Ecodesign Compliant

BEAB Approved

Intertek

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.

Heat Modes: Setback.

Controller UI

- 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
- Child lock and landlord lock (PIN based)

Safety Features

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

Colour/Finish

Metal chassis & control moulding in traffic white (RAL9016), Grille – RAL7035 anodised.

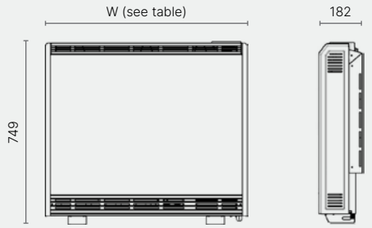
Storage Core

High-density bonded magnetite energy cells.

Supply

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

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	0.5	340	749	581	182	63	4
XLE070	1560	0.7	520	749	703	182	85	6
XLE100	2220	1	740	749	825	182	107	8
XLE125	2760	1.25	920	749	947	182	133	10
XLE150	3300	1.5	1100	749	1069	182	155	12

LSTE
Low Surface Temperature Panel Heater

HUB

RFM

Dimplex Control
See page 10-13 for details

IP24 RATED

2 YEAR UK Manufacturer GUARANTEE

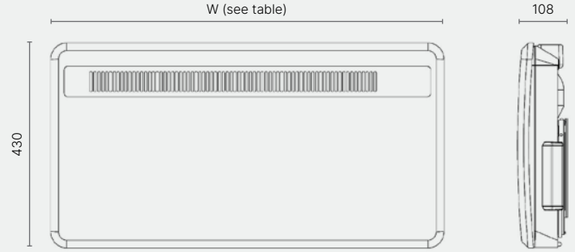
Ecodesign Compliant

BEAB Approved

Intertek

LSTE low surface temperature panel heater by Dimplex was designed for the requirements of education and healthcare sectors and is suitable for indoor public spaces where safety is critical. It provides rapid and controlled heating whilst maintaining a safe maximum surface temperature of 43°C as recommended by NHS Guidance.

Product Dimensions (mm)



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
LST050E	0.5	430	690	108	8.76
LST075E	0.75	430	690	108	8.76
LST100E	1	430	690	108	8.76
LST150E	1.5	430	860	108	11.21

Key Features

Controls

Digitally controlled electronic thermostat accurate to ±0.2°C.

Timer Modes: 7 Day Programmable User Timer, Out All Day, Home All Day.

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 set point range (7-30°C)
- Child lock and heater lock (PIN-based)

Safety Features

- Thermal cut-out, auto reset type
- Overheat detection

Colour/Finish

Metal chassis, air outlet grille & control moulding in traffic white (RAL 9016).

Supply

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

Intelligent, responsive heating with precision control

The intelligent Q-Rad electric radiator with infrared technology by Dimplex delivers a perfect blend of convective and radiant heat for a natural feel of warmth on demand. The slim electric radiator design complements the Quantum range of high heat retention storage heaters and can be used along with the Edel hot water heat pump for a complete smart electric home heating solution.

Dual element technology delivering a perfect blend of convective and radiant heat for a natural feel of warmth.

HUB

Dimplex Control
See page 10-13 for details

Ecodesign Compliant

BEAB Approved

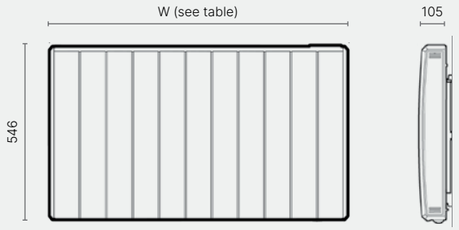
Intertek

IP24 RATED

2 YEAR UK Manufacturer GUARANTEE

Q-Rad
Electric Radiator

Product Dimensions (mm)



Model	Output (kW)	Convective (W)	Radiant (W)	Height (mm)	Width (mm)	Depth (mm)	Installed weight (kg)
QRAD050RF	0.5	301	199	546	513	105	7.1
QRAD075RF	0.75	551	199	546	513	105	7.1
QRAD100RF	1	714	286	546	675	105	8.7
QRAD150RF	1.5	1213	287	546	756	105	9.4
QRAD200RF	2	1660	340	546	918	105	11.0

Key Features

Controls
- Digitally controlled electronic thermostat accurate to ±0.2°C
- Built-in RF module as standard

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

Smartphone App Controllable: when paired with a Dimplex Control Hub (sold separately).

Heat Modes: Manual, Eco, Off, Frost Protect.

Controller UI
- 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)
- Child lock & 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 and control moulding in traffic white (RAL 9016).

Element
- Dual heating elements: Compact, finned, mineral filled sheathed element + aluminium sheet heating element
- Radiant - Far infrared heat technology

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

AluRad Wi-Fi

Dimplex CapaConnect app allows you to manage Wi-Fi compatible heaters from Dimplex:

- **Control:** Control multiple heating products in a single app.
- **User Access:** Share access with others in your home or remove those who no longer need it.
- **Lock/Unlock Product Controls:** Secure your device by locking or unlocking controls to prevent unauthorised temperature changes.
- **Schedule:** Design a personalised heating plan for maximum comfort and energy savings.
- **Manual Override:** Swiftly bypass your schedule to conserve energy when departing home unexpectedly or to enjoy extra cosiness if you return sooner than usual.
- **Sites & Zone:** Organise your devices into sites and zones, such as "Bedrooms," to manage them more efficiently and create unique schedules.
- **Updates:** Keep your device up-to-date automatically with Wi-Fi connectivity, ensuring optimal performance.

Modern and efficient electric heating with a traditional wet radiator styling and Wi-Fi connectivity

The Dimplex AluRad Wi-Fi is a stylish, slimline electric radiator designed to match traditional wet radiator aesthetic. Using oil-based technology to deliver comfortable and long-lasting heat, this robust electric radiator has a 100% recycled aluminium chassis and features the latest in energy saving technologies. AluRad features built-in Wi-Fi that allows you to connect, control and manage your heating through the Dimplex CapaConnect app.

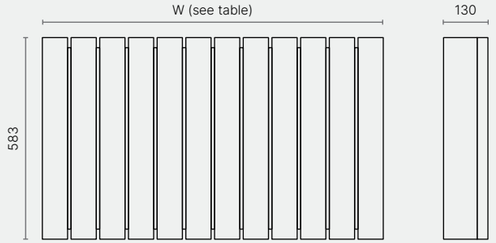
WiFi

alexa Voice Control

IP24 RATED

5 YEAR Manufacturer GUARANTEE (registration required)

Product Dimensions (mm)



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
DAR050	0.5	583	410	130	10.9
DAR075	0.75	583	490	130	12
DAR100	1	583	490	130	12.2
DAR150	1.5	583	730	130	17.3
DAR200	2	583	970	130	23

NEW

AluRad Wi-Fi

Aluminium Radiator

Key Features

- Oil-based technology
- Voice control via Amazon Alexa

Controls

Digitally controlled electronic thermostat.

Controller Functions

- 7-day time and temperature control
- Open window detection
- Daily and weekly programming
- Wi-Fi connection to CapaConnect app
- Child lock

Construction

100% Recycled aluminium metal chassis with plastic moulded control boxing.

Safety Features

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

Colour/Finish

White.

Supply

~230-240V 50Hz, Class 1.

Stylish, versatile heating with Wi-Fi connectivity

The Scandinavian-inspired Alta Wi-Fi panel heater by Dimplex combines the elegance of sleek rounded edges, minimalist styling and intelligent controls. Its appearance can be customised with white or anthracite glass accessories (sold separately). The efficient heat delivery, with a natural feel, maximises a room's comfort level. Featuring built-in Wi-Fi, Alta is the perfect choice for those who want a stylish, unobtrusive and smart electric heating system with the convenience of control via a smart device.

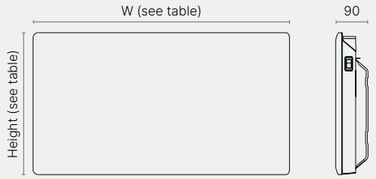
Dimplex CapaConnect app allows you to manage Wi-Fi compatible heaters from Dimplex:

- **Control:** Control multiple heating products in a single app.
- **User Access:** Share access with others in your home or remove those who no longer need it.
- **Lock/Unlock Product Controls:** Secure your device by locking or unlocking controls to prevent unauthorised temperature changes.
- **Schedule:** Design a personalised heating plan for maximum comfort and energy savings.
- **Manual Override:** Swiftly bypass your schedule to conserve energy when departing home unexpectedly or to enjoy extra cosiness if you return sooner than usual.
- **Sites & Zone:** Organise your devices into sites and zones, such as "Bedrooms," to manage them more efficiently and create unique schedules.
- **Updates:** Keep your device up-to-date automatically with Wi-Fi connectivity, ensuring optimal performance.

Alta Wi-Fi

Perfect as a whole home panel heating system, as well as a standalone single controllable heater in garden offices, conservatories and garage conversions.

Product Dimensions (mm)



Alta Wi-Fi
Panel Heater

*Sold separately

Clip-On Glass Accessories

The innovative Clip-On Glass*, available in white and anthracite colours, changes the look of a room's interior 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 a new décor in the future.

Alta Wi-Fi Panel Heaters			Glass Accessories	
Model No.	Output (kW)	Dimensions (mm)	Model No.	Dimensions (mm)
DTD2R 05	0.5	W725 x H200 x D90	NDG2 072 W NDG2 072 A	W725 x H200
DTD2R 07	0.75	W1025 x H200 x D90	NDG2 102 W NDG2 102 A	W1025 x H200
DTD2R 10	1	W1325 x H200 x D90	NDG2 132 W NDG2 132 A	W1325 x H200
DTD2R 12	1.25	W1525 x H200 x D90	NDG2 152 W NDG2 152 A	W1525 x H200
DTD4R 05	0.5	W525 x H400 x D90	NDG4 052 W NDG4 052 A	W525 x H400
DTD4R 07	0.75	W625 x H400 x D90	NDG4 062 W NDG4 062 A	W625 x H400
DTD4R 10	1	W725 x H400 x D90	NDG4 072 W NDG4 072 A	W725 x H400
DTD4R 15	1.5	W1025 x H400 x D90	NDG4 102 W NDG4 102 A	W1025 x H400
DTD4R 20	2	W1125 x H400 x D90	NDG4 112 W NDG4 112 A	W1125 x H400

Key Features

Controls

Digitally controlled electronic thermostat accurate to ±0.2°C. Setpoint range (7-30°C).

Timer Modes: 7 Day Programmable User Timer which allows for 7 periods per day via the CapaConnect app.

Modes: Normal (timer), Comfort, Eco, Away via the CapaConnect app.

Controller UI

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

Controller Functions

- Wi-Fi for software updates
- Child lock and heater lock (button-based)

Safety Features

Thermal cut-out, auto reset type.

Colour/Finish

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

Supply

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

WiFi
alexa Voice Control
BEAB Approved Intertek
IP24 RATED
Ecodesign Compliant
5 YEAR UK Manufacturer GUARANTEE (registration required)

IRP

Slimline solution for targeted and efficient radiant heat delivery

The Dimplex IRP panel heater range incorporates cutting-edge far-infrared technology for precise and comfortable heat distribution. Boasting ultra-slim profile of just 3cm, these contemporary radiant panel heaters are ideal for light commercial spaces where localised targeted personal heat is required. This range is also well-suited for highly insulated new build homes with minimal heat loss, where discreet wall or ceiling mounted heat is desired.

NEW

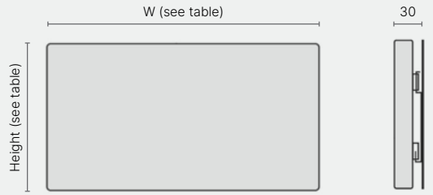
IRP

Far-Infrared Panel Heater

IP44 RATED

5 YEAR Manufacturer GUARANTEE (registration required)

Product Dimensions (mm)



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
IRP300	0.3	592	592	30	5
IRP600	0.6	592	1192	30	9.4
IRP850	0.85	800	1192	30	12.6
DTB-2R		85	85	44	0.12

Key Features

Controls
- No controls on panel – must be used in conjunction with Dimplex DTB-2R Controller
- Each DTB-2R has 16A loading allowing time and temperature control of multiple IRP heaters

Controller Functions
- Digitally controlled electronic thermostat
- 7-day time and temperature control
- Heat Modes: Eco, Manual, Frost Protect.
- Adaptive start
- Set point range (7-40°C)
- Graphical LCD display with backlight
- Keylock

Key Features
- Slimline and stylish design
- Can be wall or ceiling mounted
- Heats objects in the room with the latest far-infrared technology
- Economic heat delivery
- Can be recess mounted within a traditional 600×600mm ceiling tile (IRP300 false ceiling frame kit sold separately)
- Can be suspended from a ceiling (cable extension set sold separately)

Safety Features

Safety cut out.

Colour/Finish

Matt white textured finish.

Construction

Powder coated sheet metal.

Supply
- 1 metre fitted
- 1/N/PE ~230 V, 50Hz
- Class I, with earth wire

PLXENC
Panel Heater

Ecodesign Compliant
BEAB Approved
Intertek
IP24 RATED
2 YEAR UK Manufacturer GUARANTEE

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)
- No on-board control, requires additional purchase of DWC (Dimplex Wall Controller) per heater
- Complies with Lot 20 of the ERP directive
- Bluetooth for software updates

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
PLX050ENC	0.5	430	450	108	4.6
PLX075ENC	0.75	430	620	108	5.9
PLX0100ENC	1	430	620	108	5.9
PLX0125ENC	1.25	430	690	108	6.1
PLX0150ENC	1.5	430	690	108	6.1
PLX0200ENC	2	430	860	108	7.8

DWC
Dimplex Wall Controller

Key Features

- Each DWC unit communicates with a single paired PLXENC panel heater via Bluetooth Low Energy, allowing restricted programmed heater commands
- Each DWC must be purchased alongside a PLXENC panel heater as they operate together
- 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 PLXENC using the ConfigR app
- Digitally controlled, electronic thermostat accurate to ±0.2°C with a setpoint range of 7 to 26°C
- Manual and Boost modes
- 100mm x 100mm x 27mm (HxWxD)

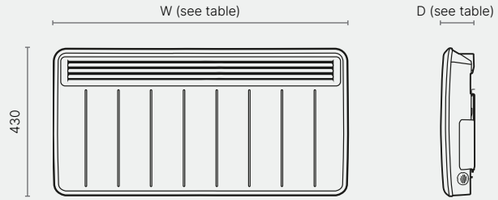
Perfect for student accommodation and hotels.

IP20 RATED
2 YEAR UK Manufacturer GUARANTEE

Dimplex Control
See page 10-13 for details

Ecodesign Compliant
BEAB Approved
Intertek
IP24 RATED
2 YEAR UK Manufacturer GUARANTEE

PLXE and PLXENC Product Dimensions (mm)



Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
PLX050E	0.5	430	450	108	4.6
PLX075E	0.75	430	620	108	5.9
PLX100E	1	430	620	108	5.9
PLX125E	1.25	430	690	108	6.1
PLX150E	1.5	430	690	108	6.1
PLX200E	2	430	860	108	7.8
PLXC300E	3	430	860	143	8.7

PLXE
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.

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

Controller UI
- 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)
- Child lock and landlord lock (PIN based)

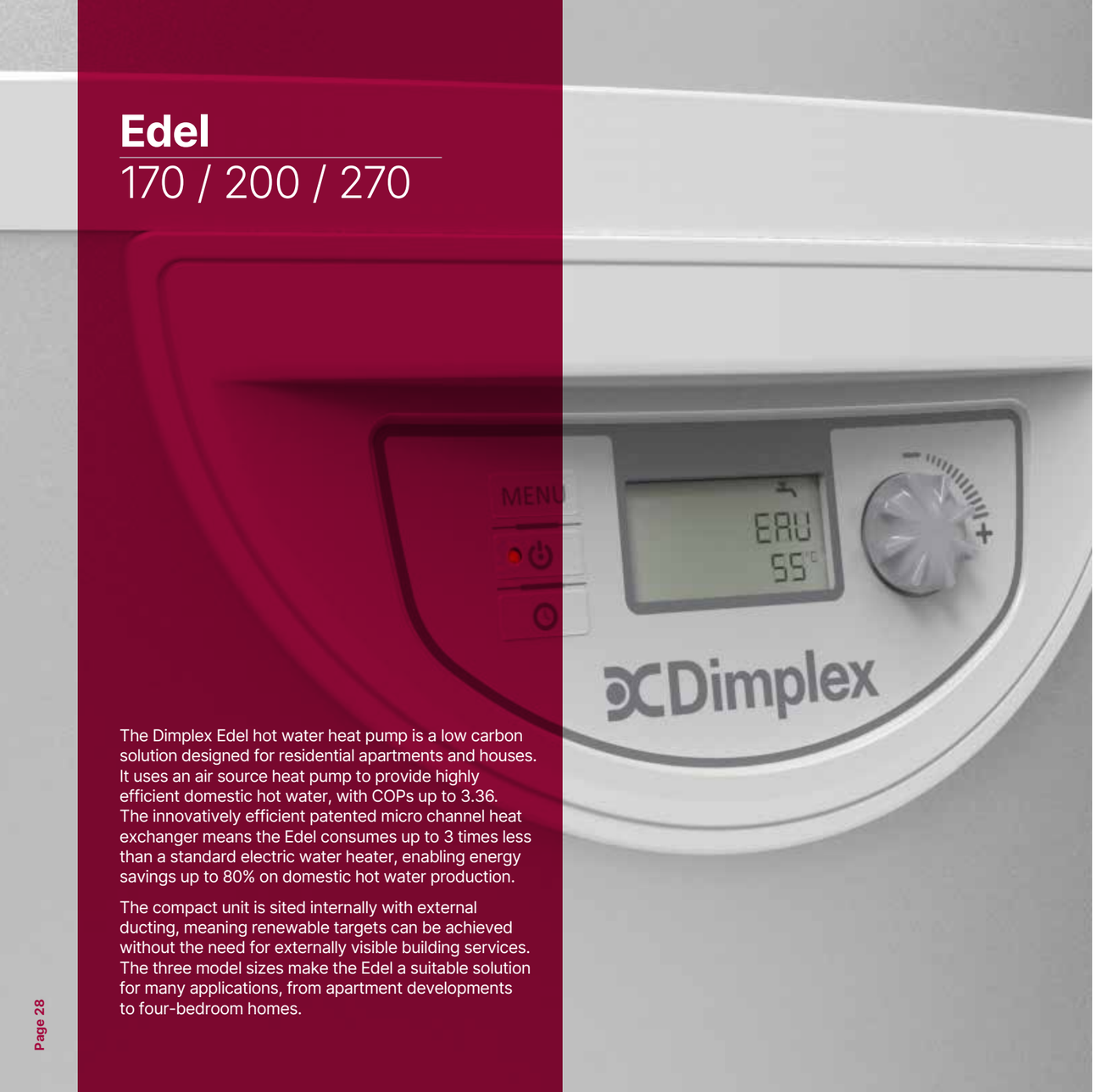
Safety Features
- Thermal cut-out, auto reset type
- Overheat detection

Colour/Finish
Metal chassis, air outlet grille and control moulding in traffic white (RAL 9016).

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
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 micro channel heat exchanger means the Edel consumes up to 3 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.

HUB

Dimplex Control
See page 10-13 for details

IPX4 RATED

5* YEAR Manufacturer GUARANTEE

Dimplex Edel Model		170	200	270
Model		EDL170-520RF	EDL200UK-630RF	EDL270UK-630RF
Part Number		400001350	400001600	101594
Nominal Volume	Litres	170	200	270
Dimensions	mm (Ø x H)	520 × 1760 + (300 to 556 - Tripod stand)	630 × 1460	630 × 1780
Weight Without Packaging	kg	58	56.5	63
Electrical Supply		230V - 50Hz -8A		
Maximum Ducting Lengths		up to 5 metres	up to 20 metres (10m in & 10m out)	up to 20 metres (10m in & 10m out)
COP (A7/W53)		2.85	3.36	3.3

Edel
Hot Water Heat Pump

Key Features

Stainless steel cylinder
- Less susceptible to corrosion
- More robust and durable, minimising maintenance costs
- More hygienic due to non-porous surface able to resist bacteria better
- Compatible with diverse water qualities
- Highly recyclable

Aids in achieving compliance
With regional regulations as well as being listed in SAP Appendix Q.

COP up to 3.36
Consuming up to 3 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.

Fully integrated control
Standalone hot water solution complete with legionella protection.

Colour/Finish
Grey.

*5 years on cylinders, 2 years on other parts

QWCd

Quantum Direct-Electric Hot Water Cylinder

kiwa approved product
UK WATER SUPPLY REGULATIONS

Dimplex Control
See page 10-13 for details

HUB

Key Features

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

Safety Features
- Manual reset thermal cut-out
- Legionella cycle

Colour/Finish
Black.

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

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

Energy Rating
C

IPX1 RATED

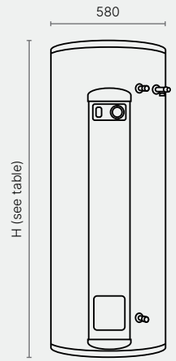
25 YEAR Inner Cylinder UK manufacturer on parts and labour GUARANTEE

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

2 YEAR UK Manufacturer GUARANTEE

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

Product Dimensions (mm)



ECSd Direct Water Cylinder

EC Unvented Stainless Steel Direct Hot Water Cylinders

kiwa approved product
UK WATER SUPPLY REGULATIONS

Key Features

Controls
Mechanical thermostat control.

Safety Features
Manual reset thermal cut-out.

Colour/Finish
Black.

Element
Electronic thermostat control.

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

Energy Rating
C

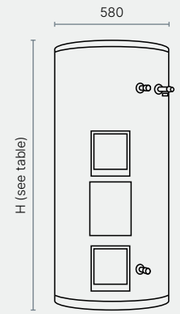
25 YEAR Inner Cylinder UK manufacturer on parts and labour GUARANTEE

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

2 YEAR UK Manufacturer GUARANTEE

Model	Volume (L)	Height (mm)	Diameter (mm)	Weight (mm)	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

Product Dimensions (mm)



Eco design Compliant

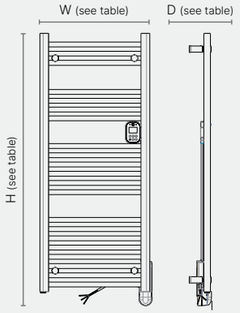
BEAB Approved

Intertek

NEW

TRM
Towel Rail

Product Dimensions (mm)



IPX5 RATED

5 YEAR Manufacturer GUARANTEE (registration required)

Model	Finish	Output (W)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
TRM21W4	White	250	1175	400	102	11.4
TRM21C4	Chrome	175	1175	400	102	11.3
TRM14W5	White	200	775	500	102	8.9
TRM14C5	Chrome	120	775	500	102	8.8
TRM21W5	White	300	1175	500	102	13.2
TRM21C5	Chrome	200	1175	500	102	13.2
TRM28W5	White	400	1475	500	102	16.8
TRM28C5	Chrome	250	1475	500	102	16.8

Key Features

Controls
- Integrated 2025 Lot 20 compliant timer located on middle rail for ease of programming
- 7 day timer with three preset time profiles and three custom profiles
- Energy saving electronic thermostat accurate to ±0.1°C

Controller Functions
- Additional Preheat mode enabling two periods to be set to come on for the same time each day
- Boost mode
- Open window detection
- Key pad lock

Element

Submersion element with temperature limiter and fuse link.

Safety Features
- Thermal cut-out
- Overheat protection

Colour/Finish

Chrome or white finish.

Construction
- Stainless steel
- Straight horizontal bars
- Vertical mounted heating element

Supply
- Class 1, 3 core cable – live, neutral, earth
- Cable entry on bottom right

Dimplex Heating
Kitchen and Bathroom Heating

FX20VE
FX20EIPX4
Downflow Heater

Pictured: **FX20VE**

Pictured: **FX20EIPX4**

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

Ecodesign Compliant

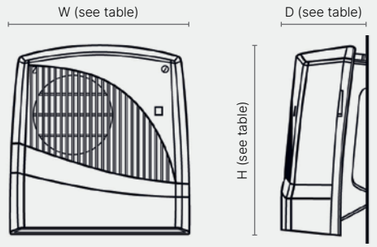
BEAB Approved
Intertek

IP22 RATED
FX20VE

IP24 RATED
FX20EIPX4

2 YEAR UK Manufacturer GUARANTEE

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	252	132	1.4

BFHE
Base Unit Heater with Remote Control

Key Features

Controls

Digitally controlled, accurate electronic thermostat.

Timer Modes: 7 Day Programmable User Timer.

Heat Modes: Manual, Frost Protect, Runback, Off.

Bluetooth remote supplied with product as standard.

Controller UI

- 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

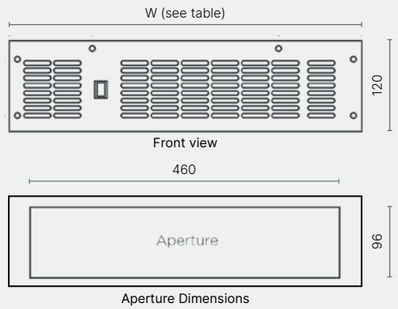
Ecodesign Compliant

BEAB Approved
Intertek

IP20 RATED

2 YEAR UK Manufacturer GUARANTEE

Product Dimensions (mm)



Aperture Dimensions

Model	Max. output (kW)	Optional output (W)	Height Front Cover (mm)	Height Chassis (mm)	Width Front Cover (mm)	Width Chassis (mm)	Depth Front Cover (mm)	Depth Chassis (mm)	Weight (kg)
BFH24E	2.4	800, 1600	120	90	490	360	226	210	3.5

AC3RE

Over Door Heater with Remote Control

Key Features

Controls
Digitally controlled, accurate electronic thermostat.
Timer Modes: 7 Day Programmable User Timer.
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 (7-32ºC)
- Bluetooth for control

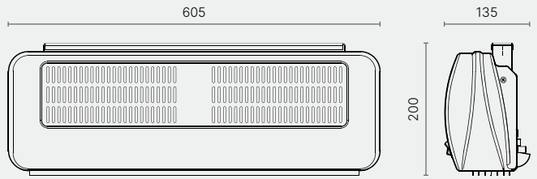
Safety Features
2x electrical hold reset cut-outs.

Colour/Finish
Pressed steel case with powder coat finish. Traffic white (RAL 9016).

Supply
None supplied.

Ecodesign Compliant | BEAB Approved Intertek | IP21 RATED | 2 YEAR UK Manufacturer GUARANTEE

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.

AC

Over Door Heater

Key Features

Controls
On-board controls.

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

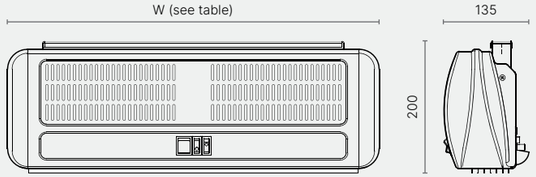
Safety Features
2x manual reset cut-outs (supply interrupt type on AC6N).

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

Supply
None supplied.

Ecodesign Compliant | BEAB Approved Intertek | IP21 RATED | 1 YEAR UK Manufacturer GUARANTEE

Product Dimensions (mm)



Model	Output (kW)	Air Flow (m³/h)	Max Air Speed	Height (mm)*	Width (mm)	Depth (mm)	Weight (kg)
AC3N	1.5/3	212	5	200	605	135	5.1
AC45N	2.2/4.5	248	5	200	605	135	5.2
AC6N	3/6	446	5.5	200	905	135	7.2

*Add 14mm for total installed height.

Mk1E
Wall-Mounted Oil Panel Radiator

IP20 RATED

2 YEAR UK Manufacturer GUARANTEE

Ecodesign Compliant

BEAB Approved

Intertek

Mk1E oil-filled radiators are suitable for both domestic and commercial premises, providing a balance of convective 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.

Key Features

Controls
Digitally controlled electronic thermostat accurate to ±0.2°C.
Timer Modes: 7 Day Programmable User Timer.
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)

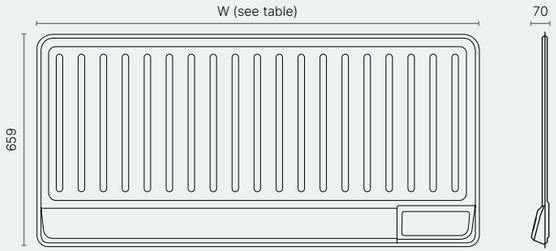
Controller Functions
- Open window detection
- Adaptive start
- Advanced time period
- Adjustable max set point range (7-32°C)

Safety Features
- Auto reset thermal cut-out
- Overheat detection

Colour/Finish
Traffic white (RAL 9016).

Supply
- 1.3 metres with fitted UK plug 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)
B075E	0.75	659	570	70	10.5
C100E	1	659	840	70	15
D150E	1.5	659	1105	70	19.5
E200E	2	659	1373	70	24

ML2TSTie7 Wall Mounted

3 YEAR Manufacturer GUARANTEE (registration required)

Ecodesign Compliant

BEAB Approved

Intertek

Model	Output (kW)	Height (mm)	Width excl. control dial (mm)	Width to end of control dial (mm)	Depth with feet (mm)	Weight (kg)
ML2T	2	443	577	584	233	3.6
ML2TSTie7	2	443	577	584	233	3.8
ML3TSTie7	3	443	707	712	233	4.4

These products are only suitable for well insulated spaces or occasional use.

ML Series
Convector Heaters

Key Features

ML2T

Freestanding convector heater.
Controls
Variable thermostat.
Controller Functions
- One heat setting
- Frost setting

Safety Features
Safety cut out.
Core materials
Steel casing, plastic trims.
Colour
White / light grey.
Supply
1.5m power cord, 230-240V~.

ML2TSTie7 and ML3TSTie7

Freestanding convector heaters, which can also be wall mounted.
Controls
- Electronic thermostat
- 7-day time and temperature control
- LCD display

Controller Functions
- Two heat settings
- Set point range (5-30°C)
- Adaptive start
- Frost setting

Safety Features
Safety cut out.
Core materials
Steel casing, plastic trims.
Colour
White / light grey.
Supply
1.5m power cord, 230-240V~.

RUG3TS
Workshop Heater

Perfect for workshops and garages

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
Dark grey and light grey.
Supply
230-240V~.

BEAB Approved
Intertek

IP21 RATED

3 YEAR UK Manufacturer GUARANTEE (registration required)

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
RUG3TS	3	248	246	162	2.2

Q3TSNH
QubeFan Heater

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

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~.

IP21 RATED

3 YEAR UK Manufacturer GUARANTEE (registration required)

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

These products are only suitable for well insulated spaces or occasional use.

DEUF2N
Upright Fan Heater

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 it will power off.

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 overheat protection
- Tilt switch

Colour/Finish
Dark grey and light grey.
Supply
230-240V~.

3 YEAR UK Manufacturer GUARANTEE (registration required)

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

DX Series
Letterbox Style Fan Heaters

A compact and stylish letterbox fan heater.

Key Features

Controls
Variable thermostat.
Output
- Two heat settings
- Cool blow setting
- Frost setting

Safety Features
Safety cut out.
Core materials
Plastic.
Colour
White.
Supply
1.5m power cord, 230-240V~.

Ecodesign Compliant
BEAB Approved
Intertek

3 YEAR Manufacturer GUARANTEE (registration required)

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
DXFF20TSN	2	114	253	245	1.24
DXFF30TSN	3	114	253	245	1.29

These products are only suitable for well insulated spaces or occasional use.

Studio G

Ceramic Tower Fan Heater

Key Features

Controls
- Digital electronic thermostat
- LED display
- On/Off switch

Controller Functions
- Two heat settings
- Remote control with a 12hr runback timer

Safety Features
Safety cut out.

Core materials
Plastic / glass.

Colour
Black / silver.

Supply
1.6m power cord, 230-240V~.

A slick, modern, speaker style heat tower with motorised 76° oscillation for wider heat distribution.

3 YEAR Manufacturer GUARANTEE (registration required)

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
DXSTG25	2.5	825	263	263	4.36

This product is only suitable for well insulated spaces or occasional use.

The FutuRad is the future of all portable 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.

10 YEAR UK Manufacturer GUARANTEE (registration required)

FutuRad 2kW/3kW

Oil-Free Radiator

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
FUTM2CE	2	630	590	285	8.4
FUTM3TSTi	3	630	740	306	10

Key Features

FutuRad 2kW
- Easy to read colour LED touch sensitive display
- 12 hour electronic run-back timer

Heat Selection
Off / 1.0kW/ 2.0kW

Colour/Finish
White.

FutuRad 3kW
- Digital timer, controls on the front of heater
- 24 hour mechanical timer

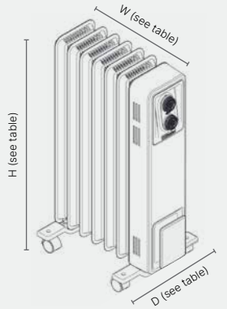
Heat Selection
Off / 1.5kW/ 3.0kW

Colour/Finish
White.

ECR

Oil-Free Column Radiator

Product Dimensions (mm)



BEAB Approved
Intertek

3 YEAR UK Manufacturer GUARANTEE (registration required)

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	No. of fins
ECR15	1.5	629	389	281	8.4	7
ECR20	2	629	479	281	10.2	9
ECR20Tie	2	629	479	281	10.2	9

These products are only suitable for well insulated spaces or occasional use.

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.

Colour/Finish
230-240V~.

Dimplex Heating
Portable Heating

Eco Chico

Oil-Free Mini Column Heater

Key Features

Controls
- Variable thermostat
- On/Off switch

Controller Functions
- One heat setting
- Heat On neon indicator
- Frost setting

Safety Features
Safety cut out.

Core materials
Steel / plastic.

Colour
White / light grey.

Supply
1.3m power cord, 230-240V~.

3 YEAR UK Manufacturer GUARANTEE

Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
OFRB7N	0.7	448	346	193	5.25

This product is only suitable for well insulated spaces or occasional use.

OFXE

Oil-Filled Panel Radiator

Key Features

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

Controls
Manually adjustable rotary thermostat (5 – 30°C).

Safety Feature
Dual cut-outs, auto and manual reset.

Colour/Finish
- Metal Chassis - Traffic white (RAL 9016)
- Control mouldings - Traffic white (RAL 9016)

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

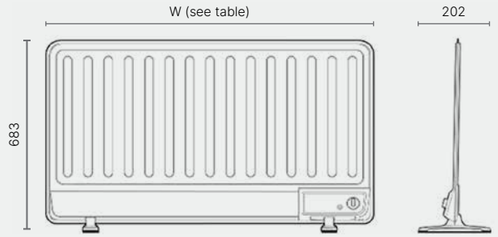
Ecodesign Compliant

BEAB Approved Intertek

IP20 RATED

2 YEAR UK Manufacturer GUARANTEE

Product Dimensions (mm)

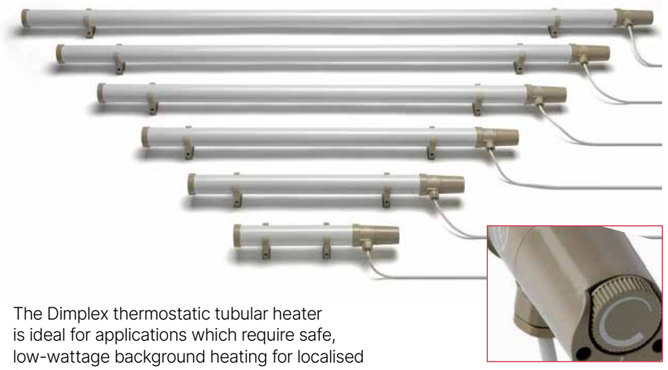


Model	Output (kW)	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
OFX075E	0.75	683	570	220	10.5
OFX100E	1	683	840	220	15
OFX150E	1.5	683	1105	220	19.5
OFX200E	2	683	1373	220	24

This product is only suitable for well insulated spaces or occasional use.

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

ECOT
Tubular Heater



The Dimplex thermostatic tubular heater is ideal for applications which require safe, low-wattage background heating for localised frost protection or as window demisters.

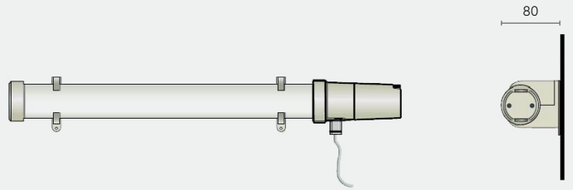
IPX4 RATED

1 YEAR UK Manufacturer GUARANTEE

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
None supplied.
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
ECOT5FT	200	81	1630	80	1.1
ECOT6FT	240	81	1933	80	1.3

EverDri
Dehumidifiers

Dimplex EverDri dehumidifiers ensure that the air quality is optimised for your lifestyle and needs. They offer an effective method for balancing humidity in your home and ensuring a comfortable living space in any season.

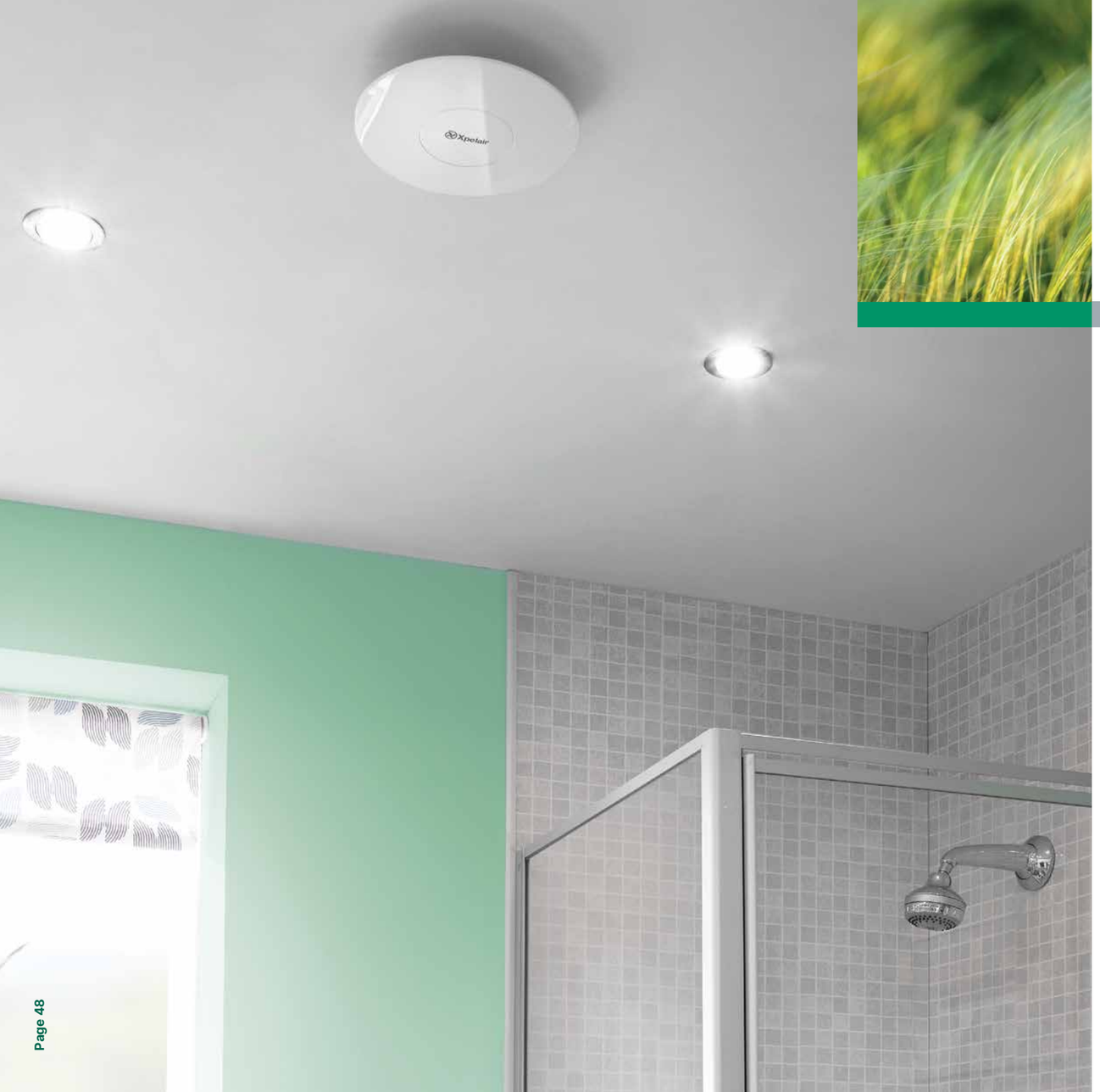
Ecodesign Compliant

3 YEAR Manufacturer GUARANTEE (registration required)

Model	Power Consumption (kW)	Tank capacity (L)	Height (mm)	Width (mm)	Depth	Weight (kg)
EverDri10E	0.29	2.5	459	300	204	10.6
EverDri14EL	0.28	2.5	459	300	204	10.8
EverDri20EL	0.39	3	553	310	236	14.4

Key Features

Built-in precision
Highly accurate and easy to control adjustable electronic humidistat to maintain the right levels in you room.
Ease of use
Intuitive, simple controls that allow you to manage humidity at the touch of a button.
Time control
Runback timer and delayed start function, which will switch the device on or off after a set period (10L and 14L models: 15hr runback timer, 20L model: 24hr runback timer).
Clear visibility
Transparent anti-microbial water tank enables you to see at a glance how much water has been collected – so you know when it needs emptying (10L and 14L models: 2.5L water tank, 20L model: 3L water tank).
Air quality
Washable pre-filter to capture large dust particles, and active carbon filter to reduce odours.
Mobility
Integrated handles and easy-glide castors allow for easy movement and positioning around the home – easy to store when not in use.
Colours of comfort
The 14L and 20L models include a visible light indicator which shows the comfort humidity level.



Xpelair Ventilation

Domestic Ventilation

VX100-SP Axial Extract Fans	50
DX100 & LV100 Axial Extract Fans	51
Smooth Axial Extract Fans XS100S & XS100T	52
DX100 & DX100B Axial Extract Fans	53
LV100 SELV Axial Extract Fans	54
C4 Axial Extract Fans	55
CV4 dMEV Axial Extract Fans	56
CF20TX & LVCF20TX Premier Range Fans	57
Axial Shower Fans	58
AirLine Inline Axial Extract Fan Systems	59
XIMX Inline Mixed Flow Extract Fans	60
DX150 Axial Extract Fans	61
Contour C6 Axial Extract Fans	62
High Performance Extract Fans	63

Commercial Ventilation

Commercial Window Fans	64
Commercial Wall Fans	65

Ventilation Systems

Natural Air 180 & 350 Mechanical Ventilation	66-67
Xplus 2 Multi-Point Ventilation	68-69
Everdri Positive Input Ventilation Unit	70

Accessories, Switches, Sensors and Controllers

Sensors and Controllers	72-73
Switches	74
Accessories	75

VX100-SP

4"/100mm Axial Extract Fans with Short Spigot

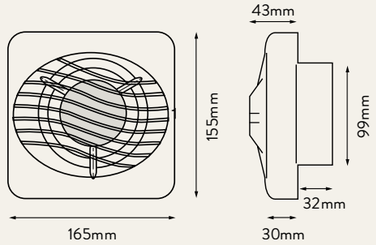
A range of single speed extract fans with a short spigot, ideal for shallow wall or ceiling installations. Compact and easy to install, the range is designed for bathrooms, shower rooms and en-suites, and all models include a lubricated-for-life motor with cut-out protection. Available in standard, timer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



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

Part F ✓ | IPX4 RATED | 2 YEAR UK Manufacturer GUARANTEE

DX100 & LV100

4"/100mm Axial Extract Fans with Fitting Kit

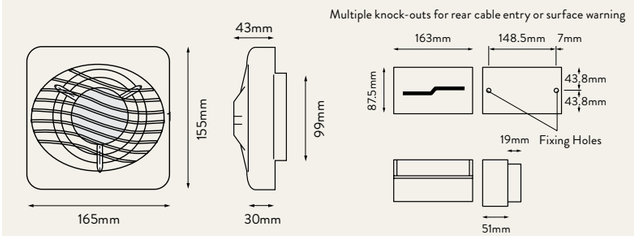
A comprehensive range of compact and easy to install single speed fans, suitable for a wide range of applications including bathrooms, shower rooms and toilets.
All DX100 and LV100 fans come complete with a universal fitting kit (walltube, gasket x2, outer grille and skirt moulding for window) suitable for wall, ceiling and window fitting in glazing up to 6mm.
The shallow depth of the outlet spigot also makes these fans ideal for compact window installations.

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

Key Features

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

Product Dimensions (mm)



Product Selector		Timer (adjustable 2 – 20mins)	Humidistat (50-90% RH)	Pullcord	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

Part F ✓ | IPX4 RATED | 2 YEAR UK Manufacturer GUARANTEE

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

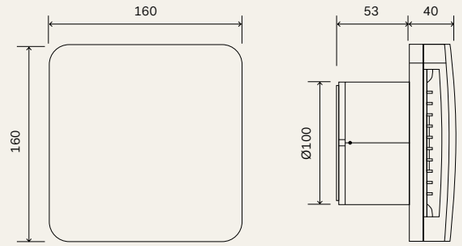
Smooth Fan
XS100S & XS100T
4"/100mm Axial Fans

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

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^3/h) - 83
- Sound pressure level (dBA@3m) - 35
- Specific fan power (W/l/s) - 0.45
- 0.5kg weight

Product Dimensions (mm)

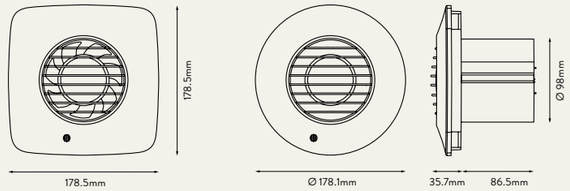


Product Selector		Design	Timer (adjustable from 3 – 25mins)
Model			
XS100S	93346AA	■	
XS100T	93347AA	■	✓

Part F ✓ | IPX4 RATED | 2 YEAR UK Manufacturer GUARANTEE

DX100B does not include wall kit

Product Dimensions (mm)



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	●	✓			
DX100HTR	93008AW	●	✓		✓	
DX100HPTR	93009AW	●	✓	✓	✓	
DX100PIRR	93010AW	●	✓			✓
DX100BS	93017AW	■				
DX100BTS	93018AW	■	✓			
DX100BPS	93002AW	■		✓		
DX100BHTS	93019AW	■	✓		✓	
DX100BHPTS	93020AW	■	✓	✓	✓	

With wall fitting kit

GHOST™ AIR MOVEMENT TECHNOLOGY | Part F ✓ | IPX4 RATED | 2 YEAR UK Manufacturer GUARANTEE

Simply Silent™
DX100 & DX100B
4"/100mm Axial Extract Fans

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

Key Features
- 2 speeds, selectable at install
- AC motor
- Suitable for wall, ceiling and window fitting (requires Simply Silent Window Kit Plus - 93235AA)
- Extract performance (l/s) - 15/21
- Extract performance (m^3/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

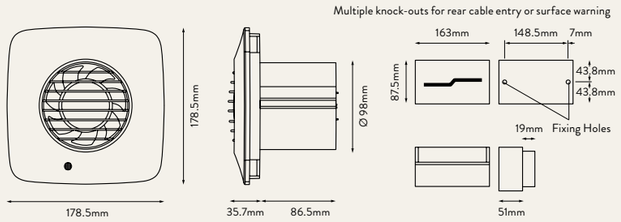
4"/100mm SELV Axial Extract Fans Complete with Wall-Fitting Kit

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^3/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 Dimensions (mm)



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

GHOST™ AIR MOVEMENT TECHNOLOGY · Part F ✓ · IPX4 RATED · 2 YEAR UK Manufacturer GUARANTEE

Simply Silent™

C4

4"/100mm Near-Silent Axial Extract Fans

The Simply Silent™ C4 range effectively reduces humidity, condensation and odours 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 choice, C4 products come complete with both round and square covers in the box.

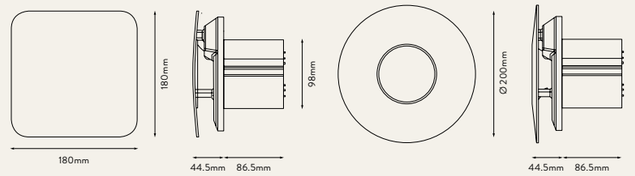
For wall fitting, we recommend the VK10 kit (89120AW) which includes wall tube and external grille.

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

Key Features

- 2 speeds, selectable at install
- AC motor
- Backdraught shutter
- Extract performance (l/s) - 15/21
- Extract performance (m^3/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 Dimensions (mm)



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

GHOST™ AIR MOVEMENT TECHNOLOGY · Part F ✓ · IPX4 RATED · 2 YEAR UK Manufacturer GUARANTEE

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

Xpelair Ventilation
Domestic Ventilation

Simply Silent™

CV4

4"/100mm Near-Silent Constant Volume dMEV Axial Extract Fans

The Simply Silent™ CV4 range of dMEV fans has been designed to offer exceptionally low noise levels, while delivering a constant volume of extracted air to reduce humidity, condensation and mould growth in bathrooms, shower rooms, cloakrooms, toilets and kitchens.

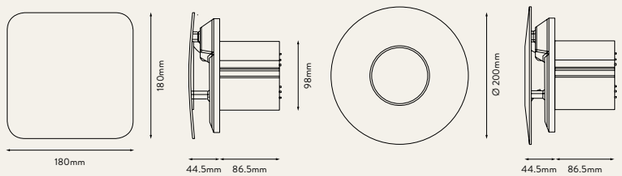
These fans feature Xpelair's Intelligent Adaptiflow™ Sensing to deliver constant volume performance through a unique sensor housed within the duct. This sensor calculates and records the airflow of the fan and adapts the fan speed intuitively in accordance with changes in airflow to maintain the required setting. The CV4 has selectable bathroom and kitchen airflow, with three speeds in each mode. To maximise choice, CV4 products come complete with both round and square covers in the box.

For window fitting, the Simply Silent™ Window Kit Plus (93235AA) should be used.

Key Features

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

Product Dimensions (mm)



Product Selector		Design	SELV Transformer
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 (m^3/h)	18/29/65	29/47/65	18/29/65	29/47/65
Electrical Power Rating (W)	1.6/1.9/2.9	1.9/2.3/2.9	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

GHOST™ AIR MOVEMENT TECHNOLOGY

Part F ✓

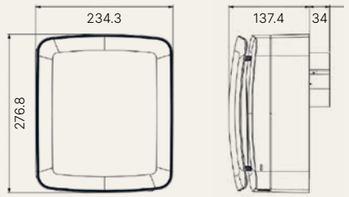
IPX4 RATED

2 YEAR UK Manufacturer GUARANTEE

5 YEAR UK Manufacturer GUARANTEE on Motor

Note: Pullcord longer than shown

Product Dimensions (mm)



Details	Product Selector	
	CF20TX	LVCF20TX
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
Intermittent running: Toilet/Bathroom/Utility/Kitchen		
Airflow (l/s)	8.5/17.5/34.5/61	8.5/17.5/34.5/61
Airflow (m^3/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
Continuous running		
Airflow (l/s)	8.5/9.5/13/21	8.5/9.5/13/21
Airflow (m^3/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

5 YEAR UK Manufacturer GUARANTEE on Motor

Part F ✓

IPX5 RATED

CF20TX & LVCF20TX

Premier Range Intermittent & dMEV Centrifugal Fans

The universal Premier range of centrifugal extract fans is designed specifically for domestic applications including toilets, bathrooms, utility rooms and kitchens where longer duct runs are required. Xpelair Premier Range 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

Accessory

XPAP Xpelair
Premier adapter plate (111685)

For bridging the larger footprint 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

Shower Fan Complete

Illumi Model

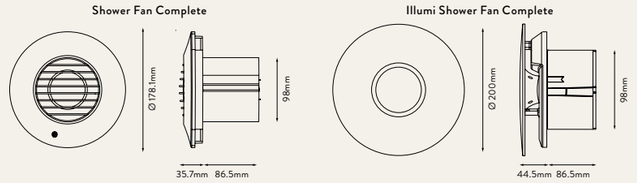
Combining low noise levels with high extraction power, Simply Silent™ Shower Fans are purpose-designed for in-shower installation. They carry out direct extraction right at the point of humidity for a steam-free bathroom environment.

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

Key Features

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

Product Dimensions (mm)



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 (m^3/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

GHOST™ AIR MOVEMENT TECHNOLOGY

Part F ✓

IPX4 RATED

2 YEAR UK Manufacturer GUARANTEE

AirLine & AirLine LED

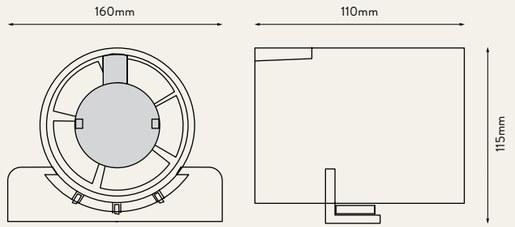
Inline Axial Extract Fan Systems for Shower Cubicles

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

Key Features

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

Product Dimensions (mm)



Product Selector		Standard	Timer (Adjustable 2 – 30mins)	Integrated LED Light	Electrical Power Rating (W)	Extract Performance (FID, m^3/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

Part F ✓

IPX4 RATED

2 YEAR UK Manufacturer GUARANTEE

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

XIMX

Inline Mixed Flow Extract Fans for Domestic Ducted Applications

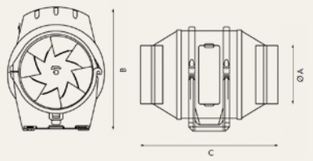
Available in three sizes, the Xpelair XIMX range of plastic mixed flow inline units offers solutions for a wide range of ducted applications. The timer models have an adjustable overrun timer of 2 – 30 minutes. All models come complete with a convenient mounting cradle which makes installation or subsequent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

Key Features

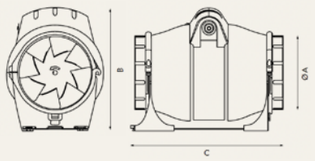
- 2 speeds, selectable at install
- Suitable for inline loft fitting
- Mounting cradle included
- Easily accessible terminal box
- Complies with Part F building regulations

Product Dimensions (mm)

XIMX100/100+125 Range



XIMX 150 Range



Product Selector		Power (W)	Duct Size (mm)	Flow Rate (l/s)	Flow Rate (m³/h)	Noise (dBA@3m)	Motor Type	Timer (Adjustable 2 – 20mins)	Dimensions		
Model									ØA (mm)	B (mm)	C (mm)
XIMX100	93078AW	21/23	96	40/52	145/187	27/36	AC		96	190	246
XIMX100T	93079AW	21/23	96	40/52	145/187	27/36	AC	✓	96	190	246
XIMX100+	93080AW	23/25	97	50/68	180/245	27/32	AC		97	226	302.5
XIMX100+T	93081AW	23/25	97	50/68	180/245	27/32	AC	✓	97	226	302.5
XIMX125	93082AW	23/37	123	61/78	220/280	28/37	AC		123	190	246
XIMX150	93083AW	30/60	146	113/144	405/520	33/44	AC		146	250	295
XIMX150T	93084AW	30/60	146	133/144	405/520	33/44	AC	✓	146	250	295

Part F ✓ | IPX4 RATED | 2 YEAR UK Manufacturer GUARANTEE

DX150

6"/150mm Axial Extract Fans

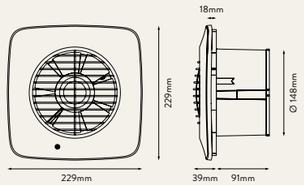
The DX150 intermittent extract fan range is designed for those looking for something conventional with a modern twist.
These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. Suitable for both wall and ceiling fitting, the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

Key Features

- 2 speeds, selectable at install
- Air operated backdraught shutter
- Extract performance (l/s) - 60/67
- Extract performance (m³/h) - 214/241
- Electrical power rating (W) - 15/22.6
- Specific fan power (SFP) (W/l/s) - 0.25/0.34
- Sound pressure level (dBA@3m) - 39/42
- Complies with building regulations Part F for kitchens

Product Dimensions (mm)



Product Selector		Design	Timer (adjustable 30s – 30mins)	Pullcord	Humidistat (adjustable 50 – 90%)
Model					
DX150S	93070AW	■			
DX150TS	93072AW	■	✓		
DX150PS	93074AW	■		✓	
DX150HTS	93076AW	■	✓		✓

Part F ✓ | IPX4 RATED | 2 YEAR UK Manufacturer GUARANTEE

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

Contour C6

6"/150mm Axial Extract Fan Range

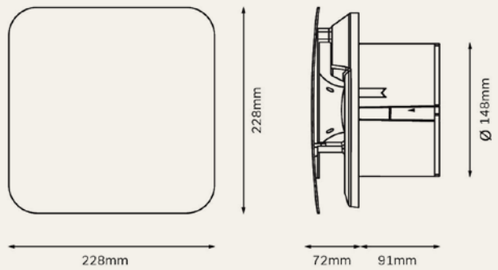
The Contour C6 intermittent extract fan range has been designed to blend seamlessly with the surrounding décor. These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. The C6 range has two speeds, selectable at install.

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 (m^3/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 Dimensions (mm)



Product Selector		Design	Timer (adjustable 30s – 30mins)	Pullcord	Humidistat (adjustable 50 – 90%)
Model					
C6S	93170AW	■			
C6TS	93172AW	■	✓		
C6PS	93174AW	■		✓	
C6HTS	93176AW	■	✓		✓

Part F ✓ | IPX4 RATED | 2 YEAR UK Manufacturer GUARANTEE

GX6EC & GXC6EC

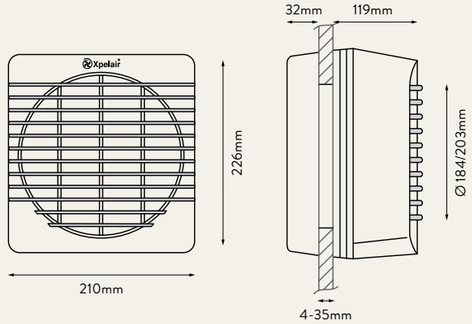
High Performance Extract Fans

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 wall kit. These models contain a low watt EC motor giving lower power consumption and reduced running costs vs. a conventional AC motor. GX6EC comes complete with a silent electro-thermal shutter whilst GXC6EC has an integral pullcord actuator.

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 Dimensions (mm)



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

Part F ✓ | IPX4 RATED | 5 YEAR UK Manufacturer GUARANTEE

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

GX9 & GX12

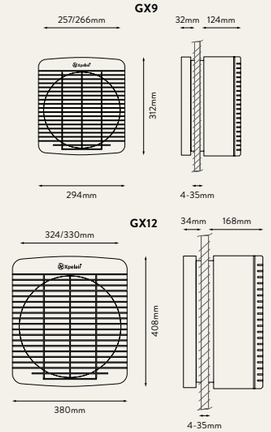
Commercial Window Fans

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 GX9 and GX12 models are reversible and feature an enclosed external rotor motor providing constant volume outputs, even in gusty external conditions. GXC9 is extract only and is actuated by an integral pullcord.

Key Features

- Electro-thermal shutter (GX9 and GX12 models)
- Single or double glazed window installation
- Window kit supplied
- Safety finger guard

Product Dimensions (mm)



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

Product Selector		Extract Performance (m^3/h)	Extract Performance (l/s)	Intake Performance (m^3/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

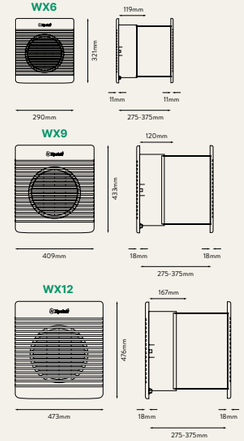
IPX4 RATED

Part F ✓

2 YEAR UK Manufacturer GUARANTEE

For compatible controllers, see pages 72-73

Product Dimensions (mm)



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

Product Selector		Extract Only	Selectable Intake, Extract or Controller Operation	Speeds (2 speed when used with an FR22/30 controller)	Extract Performance (m^3/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 (m^3/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	245×268	3.1
WX9	89996AW	418/459	116/127	47/50	41	345×375	4.7
WX12	90011AW	815/969	226/269	48/54	85	434×434	8.3

IPX4 RATED

Part F ✓

2 YEAR UK Manufacturer GUARANTEE (WX6EC **5 years**)

WX6EC, WX9 & WX12

Commercial Wall Fans with Corrugated Plastic Wall Liner

WX commercial wall fans are designed for pubs, restaurants, offices, kitchens, factories, schools and shops, and are suitable for single, cavity brick and timber frame walls. The low profile white fascia is styled to blend in cleanly with commercial surroundings. WX9 and WX12 provide both intake and extract ventilation; they include a positive plug and socket assembly to provide 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
- Corrugated plastic wall liner supplied
- Max wall thickness – 275 - 375mm

For compatible controllers, see pages 72-73

Natural Air 180 & 350

Mechanical Ventilation with Heat Recovery

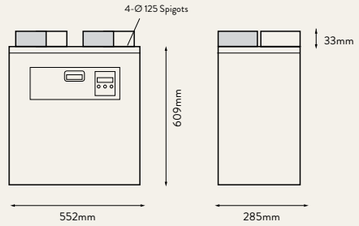
The Xpelair Natural Air 180 has been designed for easy installation. It comes in 2 lightweight sections – a 9.5kg metal case and 10kg EPP structural foam body – meaning that during installation the maximum weights which needs to be lifted at any point is 10kg.

The Xpelair Natural Air 180 and 350 Mechanical Ventilation with Heat Recovery (MVHR) units provide 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, an efficient method of removing them is needed. The Xpelair Natural Air units offer efficient, balanced ventilation that produces healthy indoor air quality while saving energy with their efficient EC ball-bearing motors. You'll also enjoy a comfortable temperature without draughts or cold spots thanks to the units' 100% summer bypass and winter defrost functions. Both units are PCDB listed.

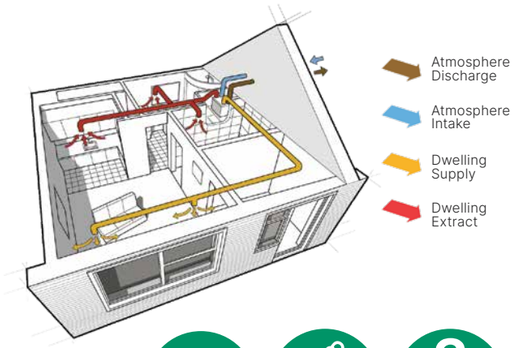
Natural Air 180 is suitable for apartments and up to three-bedroom houses, and boasts a compact size of only 552mm x 609mm x 285mm (WxHxD), making it ideal for cupboard installations. Natural Air 350 has been designed specifically for four- to five-bedroom properties.

Natural Air 180 Product Dimensions (mm)



Key Features

- **The Clever humidity control:** Unique, active humidistat reacts in real-time to gradual increases in humidity – ideal for even the smallest wetroom.
- **Datalogger:** The Natural Air units have an integral datalogger, recording 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, filter and unit specific fan configuration.
- **Hassle-free maintenance:** Fast, simple access to fans, filters and heat exchanger from front. Filter change signal.

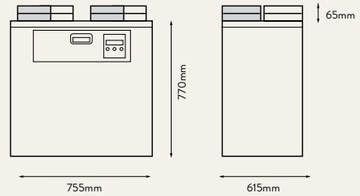


IPX4 RATED

Part F

2 YEAR UK Manufacturer GUARANTEE

Natural Air 350 Product Dimensions (mm)



	Natural Air 180 Plus	Natural Air 180 PH	Natural Air 350	Natural Air 350 PH
Reference Number	93333AW	93319AW	066978	066992
Motor Type	EC	EC	Backward Curved EC	Forward Curved Constant Volume EC
Speeds	trickle/boost/purge			
Maximum Extract Performance (FID, m^3/h)	230	230	360	350
Maximum Extract Performance (m^3/h @250Pa)	218	218		
Maximum Extract Performance (m^3/h @100Pa)			350	330
Maximum Extract Performance (FID, l/s)	64	64	100	100
Maximum Extract Performance (l/s @250Pa)	60	60	97	97
Maximum Fan Power (W)	154	154	151	215
Spigot Diameter (mm)	125	125	150, 160, 190 & 200	150, 160, 190 & 200
Weight (kg)	19.5	19.8	35.2	35.2
Approvals / Listing			CE/SAP Appendix Q	CE/Passivhaus
UK Guarantee (years)	2	2	2	2

PCDB Performance - Natural Air 180						
K + n Wetrooms	**SFP (W/l/s) (2009)**	**Efficiency (%) (2009)**	**SFP (W/l/s) (2012)**	**Efficiency (%) (2012)**	**SFP (W/l/s) (10)**	**Efficiency (%) (10)**
n = 1	0.64	86%	0.68	86%	0.68	86%
n = 2	0.66	86%	0.83	84%	0.83	84%
n = 3	0.76	85%	1.04	84%	1.04	84%
n = 4	0.93	84%				
n = 5	1.10	83%				

PCDB Performance - Natural Air 350						
K + n Wetrooms	**SFP (W/l/s) (2009)**	**Efficiency (%) (2009)**	**SFP (W/l/s) (2012)**	**Efficiency (%) (2012)**	**SFP (W/l/s) (10)**	**Efficiency (%) (10)**
n = 1			0.40	90%	0.40	90%
n = 2	0.39	90%	0.43	89%	0.43	89%
n = 3	0.38	89%	0.49	88%	0.49	88%
n = 4	0.44	88%	0.61	87%	0.61	87%
n = 5	0.51	87%	0.75	86%	0.75	86%
n = 6	0.59	87%	0.93	86%	0.93	86%
n = 7	0.70	86%	1.16	85%	1.16	85%

Xplus 2 AC

Multi-Point Domestic and Commercial Ventilation Unit

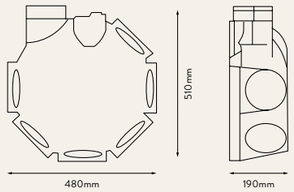
The Xplus 2 is a high performing central extract system designed to continuously extract stale, moist air from domestic kitchens, bathrooms and commercial wet rooms. The unit is primarily used in domestic applications but can also be used for commercial applications where continuous extract is required.

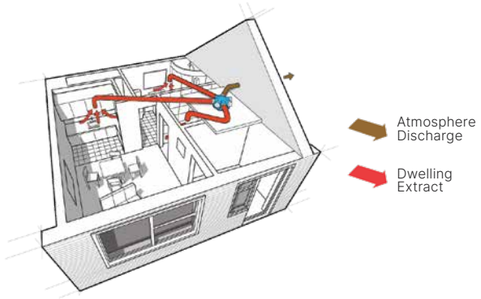
The multi-spigot 190mm low-profile design offers the installer greater flexibility when choosing where to site the unit. The spigot configuration allows ducting to be connected from any direction, therefore reducing airflow restriction and noise. The unit is suitable for either horizontal or vertical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

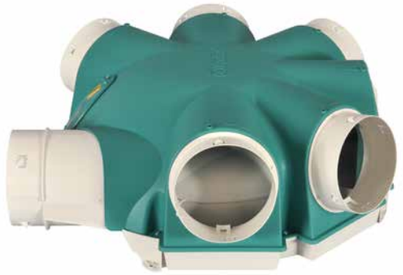
Product Dimensions (mm)





Product Selector		Extract Performance (FID, m³/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

Part F ✓ | IPX4 RATED | 2 YEAR UK Manufacturer GUARANTEE



Xplus 2 EC & EC RF

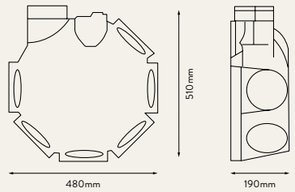
Low-Energy, Multi-Point Domestic and Commercial Ventilation Unit

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

Key Features

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

Product Dimensions (mm)



Performance		
Static Pressure (Pa)	Trickle Speed (fully adjustable)	Med/High Speed (fully 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

PCDB Performance	
K + n Wetrooms	SFP (W/l/s) (2009 / 2012 and 10)
n = 1	0.21
n = 2	0.19
n = 3	0.19
n = 4	0.21
n = 5	0.24
n = 6	0.27

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

Part F ✓ | IPX4 RATED | 2 YEAR UK Manufacturer GUARANTEE | 5 YEAR UK Manufacturer GUARANTEE on Motor

Everdri

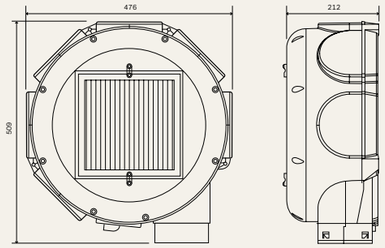
Positive Input Ventilation Unit

Xpelair Everdri is a whole-house 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 reduces 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

Product Dimensions (mm)



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^3/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)	212×476×509	212×476×509
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.

Part F

5 YEAR UK Manufacturer GUARANTEE

Accessories, Switches, Sensors and Controllers

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, there's also a comprehensive range of grille outlets and installation kit accessories.

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 mins
- 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

Remote Humidistat XRH	400000573

- Standalone 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

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

Sensors and Controllers

Sensors and Controllers

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 h68 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	89996AW	✓	✓	✓	
WX12	90011AW	✓	✓	✓	

Switches

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

Accessories

Wall Ducts WD		
WD100	Ø100mm	89543AA

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

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

Wall Grille CFWG		
CFWG100	Grey	89215AB
CFWG150	White	89857AW

Wall Kit DX150
93021AA

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

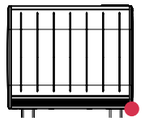
Simply Silent™ Adaptor Kit	
SSAK	93061AA

Simply Silent™ Window Kit Plus	
SSWIN+	93235AA

Useful Information

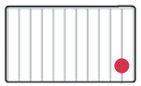
Cable Entry Points	78
Heater Sizing Tables	79
Dimplex PRO Installer Club	80-81
British Gas Dimplex Quantum Tariff	82-83
Training and CPDs	84
Support	85
EPC and Part F Guidance	86
Running Costs and Efficiency	87
Ensuring Compliance	91

Cable Entry Points

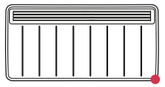

Quantum

XLE

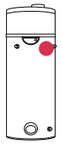
LSTE

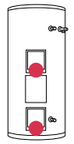

Q-Rad

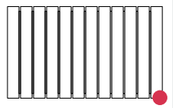
Alta Wi-Fi

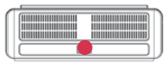

PLXE

IRP


Edel


ECSd

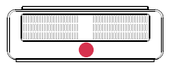

AluRad Wi-Fi


AC

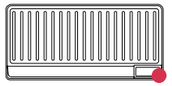
FX20VE

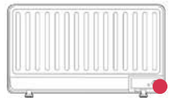
FX20EIPX4

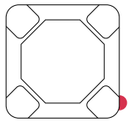
BFHE


AC3RE

ECR


Mk1E


OFXE


RUG3TS

DXFF

ECOT

TRM

Heater Sizing Tables

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

Application Design

Our dedicated team of HVAC specialists will work with you to provide support when applying our HVAC solutions to your next commercial or residential project.

We aim to support designers and specifiers to plan their project around a realistic HVAC model, meeting the required performance with cost considerations in mind.

All designs are bespoke, and we aim to provide an accurate assessment within seven working days for single properties, and 14 working days for multiple properties and larger projects.

Living room: Quantum HHR storage heaters

Heater input loading in kW. Temperature 21°C

Floor area	Solid walls Number of outside walls			Cavity walls Number of outside walls			Insulated cavity walls Number of outside walls		
m²	1	2	3	1	2	3	1	2	3
12	3.22	4.40	5.57	3.07	4.09	5.11	2.73	3.41	4.08
16	4.09	5.44	6.80	3.91	5.09	6.27	3.52	4.30	5.08
20	4.93	6.45	7.96	4.74	6.05	7.37	4.30	5.17	6.04
24	5.76	7.42	9.08	5.55	6.99	8.43	4.75	6.02	6.98
28	6.58	8.37	10.16	6.35	7.90	9.46	5.46	6.86	7.89
32	7.39	9.30	11.21	7.14	8.80	10.47	6.17	7.68	8.79

Bedrooms: Panel heaters

Heater loading in kW. Temperature 18°C

Floor area	Solid walls Number of outside walls			Cavity walls Number of outside walls			Insulated cavity walls Number of outside walls		
m²	1	2	3	1	2	3	1	2	3
6	0.95	1.40	1.86	0.89	1.28	1.68	0.75	1.02	1.28
8	1.18	1.71	2.23	1.11	1.57	2.03	0.96	1.26	1.56
10	1.40	1.99	2.58	1.33	1.84	2.35	1.16	1.50	1.83
12	1.62	2.27	2.91	1.54	2.10	2.66	1.35	1.72	2.10
15	1.95	2.67	3.39	1.85	2.48	3.10	1.64	2.06	2.47
20	2.46	3.30	4.13	2.36	3.08	3.80	2.11	2.59	3.07
25	2.97	3.90	4.83	2.85	3.66	4.47	2.58	3.11	3.65
30	3.47	4.49	5.51	3.34	4.22	5.11	3.04	3.63	4.21

*Calculations provided are for guidance only and are typical to properties built within the last 50 years. Ceiling heights are assumed at 2.4m, glazing assumed at 20% of the external wall area, U values are representative of an uninsulated building, excluding the external wall which changes in line with the comments in the tables. All external walls are based upon the square root of the floor area multiplied by either 1, 2 or 3 depending upon how many walls there are, which therefore assumes that each room is square. Note that longer walls may result in higher losses and therefore require larger heaters.

Scan the QR code to find out more
or get in touch with us on **0344 879 3586**
or **pre-sales@glendimplex.com**

Do you buy and install Dimplex products?

Join the Dimplex PRO Installer Club and get rewarded!

For 75 years, Dimplex has represented the most trusted name for electric heating products. We believe flawless installation is an integral part of the overall product experience for our customers, and to support maintaining these high standards we have launched the Dimplex PRO Installer Club.

Dimplex PRO INSTALLER CLUB

How does it work?

Step One

Register to be a Dimplex PRO Installer Club Member today.

- Exclusive prize draws and promotions
- Early information about new products
- Free product training
- Digital toolbox access
- Industry news and updates

Step Two

Become a Dimplex PRO Installer Club Partner for more benefits.

- Points on purchases to spend on rewards
- Listing on dimplex.co.uk
- Access to enhanced support
- Advanced training opportunities
- Partner-only special offers

Find out more and join the Dimplex PRO Installer Club!

dimplexinstaller.co.uk

Terms & Conditions apply

British Gas | Dimplex Quantum

The British Gas Dimplex Quantum Tariff

British Gas and Dimplex have partnered to launch the award-winning electric storage heating tariff: the British Gas Dimplex Quantum Tariff.

The British Gas Dimplex Quantum Tariff is a first-of-its-kind optimised smart tariff for Quantum storage heaters. Created by British Gas, the tariff can offer **lower rates than typical Economy 7 tariffs** thanks to the heaters' capability to allow British Gas to charge Quantum heaters when electricity costs are lowest on the grid.

It's **100% renewable electricity***, and with **prices fixed for at least 12 months** from sign up, there is peace of mind without the worry of increasing rates.

Designed, developed, and manufactured in the UK, the Quantum HHR storage heaters intelligently communicate with British Gas, who charge them up with low-cost electricity when it's available on the grid. This cheap electricity is stored as heat and used when needed to maintain the selected temperature in the property.

And the best thing is...

This is all done automatically, reducing bills without affecting comfort!

*British Gas match the electricity bought from them on this tariff with 100% renewable energy by buying Renewable Energy Guarantee of Origins certificates. This means buying certificates that guarantee electricity has been generated from a renewable source to match the electricity that the occupant use.

For the latest tariff information follow this QR code, visit **dimplex.co.uk/tariffs**, or call **0333 202 9756**

What is needed to access these savings?

Eligible Quantum heaters installed as the main heating system. For more information about Quantum see page 14.

A Dimplex Control Hub with all Quantum heaters connected. For more information about the Hub see page 11.

A functioning "always on" **home broadband** internet connection.

A smart meter - British Gas will upgrade conventional Economy 7 meters to smart meters free of charge.

What is a Dimplex Control Hub?

The Dimplex Control Hub is a device that connects Quantum heaters to the internet. With the Dimplex Hub connected to the home broadband router, the Dimplex Control app can be used to view energy use, adjust heating settings, and control the system from anywhere in the world.

This is also the connection that makes it possible to see when the heaters can help the grid, without impacting comfort for the user.

What is a smart meter?

When a meter is called 'smart', it simply means that unlike old electricity meters, it's capable of recording how much energy was used at a particular time of the day. This makes it possible to see when cheap electricity is passed between the heaters and the grid.

British Gas can arrange for a smart meter to be fitted free of charge as they're being rolled out across the country. In fact, more than 55% of homes in the UK already have one installed.

Benefits of the British Gas Dimplex Quantum Tariff:

- Great **day and night** electricity prices
- **Reduced night-time rates** for the whole home, from 12:30am – 7:30am daily
- Rates are **fixed for at least 12 months** once signed up
- **100% renewable electricity***
- Supports the UK's efforts to increase **sustainable electricity** generation
- **Full control** of the cost and comfort through our Dimplex Control app

Training and CPDs

Product Training

We offer comprehensive training programmes covering a range of 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.

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

Find out more:

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 Dimplex and have extensive experience within the industry to better understand your requirements.

We cover a range of topic areas, including:

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

Support

Product Warranty Registration

Why register your products with us?

- Faster customer service
- Guarantee management and extended warranty
- Product recall notification

Dimplex®

For Dimplex product registration, scan this QR code:

Xpelair® by Dimplex

For Xpelair product registration, scan this QR code:

Help Centre

Explore help articles, How-To guides and Frequently Asked Questions, or submit a support ticket by visiting our Help Centre at **help.gdhv.co.uk**

Trade & Partner Support Team

We are here to help you every step of the way, including general aftercare, troubleshooting, repairs, plus much more.

Get in touch with us by calling **0344 879 3587** or **email gdhv.partnersupport@glendimplex.com**

EPC and Part F Guidance

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 light bulbs 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 HHR storage heater (see pages 14-15) and Edel hot water heat pump ranges (see pages 28-29).

Building Regulations Part F Guidance

Approved Document Part F provides guidance on building ventilation, including building air quality and preventing condensation in a domestic and non-domestic structure.

With new regulations announced in December 2021, it is important that you are advised of all essential information, revisions from previous iterations and how this will impact future projects. The new regulations have seen a number of changes and significant additions, including:

1. Integration of Domestic Ventilation Compliance Guide (DVCG) into Approved Document F (ADF).

2.Ventilation Flow rate / Background ventilator changes.

Increased ventilation rates

Across all sizes of properties, minimum ventilation rates, now based on the floor areas and number of bedrooms per property and no longer with predicted occupancy rates (which required a level of guess work and, ultimately, uncertainty), have been increased as follows:

No. of bedrooms	Previous min. ventilation rate (l/s)	New min. ventilation rate (l/s)
1	13	19
2	17	25
3	21	31
4	25	37
5	29	43

These increases are significant, especially when it comes to larger properties, and reflect the concern that previous ventilation levels were insufficient to reach all parts of a home, especially the bedrooms overnight if doors are kept shut.

3. New refurbishment section.

The updated regulations came into effect on June 15th 2022.

Running Costs and Efficiency

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 the heating system can maintain the temperature required by the occupants, and how easily it can be adjusted for change. This is the reason that energy saving features such as open window detection and on the go adjustment capabilities, like 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, 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.

Ensuring Compliance

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 appliances 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.

CE

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.

Dimplex® | Xpelair® by Dimplex

To find out more about how our team can help you to specify compliant, efficient and intelligent heating and ventilation solutions, contact us on **0344 879 3586** or visit **www.dimplex.co.uk**

DTC1124