# atc®

## Energy Efficient
## Electric Heating and Hand Dryers

# Catalogue Index

## We are ATC

## Energy Efficient Hand Dryers

## Thermal Electric Radiators

# Electric Heating Range

# Outdoor Heating Range

# Water Heaters & Boilers

# Heating Design Service

# Extras

# Spare Parts

# Our Story

ATC was established in 1991, and since then we have evolved into a solution-oriented company, designing, developing, producing and distributing Energy Efficient products in response to market needs.

We are focused on customer service and support and we strive to ensure a high level of dialogue-based cooperation with our customers.

### Quality

Quality, safety and design are the key elements of ATC products. It is the core of our business and it ensures our customers' confidence in our products too.

### Our Products

We are very proud that our products are being used in many different types of applications. We started in Ireland but in recent years our products can also be found in the United Kingdom and mainland Europe. We look forward to continuing our expansion into existing and new markets.

### Innovation

Since 1991 there have been many advancements and changes in product development and technologies. There also have been many changes in the way people carry out and transact their business.

We have embraced and taken on many of these new technologies. However, our strength lies in our know-how and company structure, which allows us to respond quickly and flexibly to both specific and generalised customer requests.

## Quality Makes the Difference

**QUALITY APPROVED COMPANY**

## 1991
ATC Opens for business at the Dunlop Centre, Adelaide Road as exclusive partners to Vortice Ventilation & Omron Electronics

## 1994
Due to business development & growth, ATC moved to a larger premises in Walkinstown, Dublin

## 1996
Due to business growth, ATC moved again to a larger premises in Tallaght, Dublin

## 2008
ATC opened its new head quarters at Broomhill Drive, Tallaght

## 1992
ATC Employed our very first External Sales Representative

## 1995
ATC achieved ISO 9001 Accreditation

## 2001
Incorporation of ATC Automation as a Division within the Group

## 2009
ATC Automation appointed Omron Premium Partner Status

## 2014
ATC commences business in the UK

## 2015
Created our new Product Development & Quality Department to grow and expand the ATC range of energy efficient products

## 2017
Open our new UK Distribution Centre to improve and provide Next Day Service to our UK Customers

## 2012
The launch of the first ATC Branded Products in the market

## 2014
Open our first Energy Showrooms at ATC House

## 2016
**25 Years in Business!**

## 2017
ATC Lifestyle Radiator crowned the Winner of the EIFI Energy Efficient Product of the Year

## 2019
ATC won the EIFI Project of the Year for the installation of the Sun Ray Radiators at Aungier Street Student Accommodation

## 2019
Improving efficiencies and service with our 5S Accreditation

## 2021
- Celebrating 30 Years of ATC
- ATC House reopens after Covid-19 pandemic
- ATC Academy opens for visitors
- Sustainable FSC product boxes are adopted for selected products

## 2019
Official Opening of the Energy Efficient Showroom & Training Hub at ATC House

## 2020
Introduction of the ATC Smart Logo for our new & developing range of Smart Products

## 2022
- ATC become members of the EDA
- Green Dot partnership begins to further the sustainability agenda

# ATC & Sustainability

### Recyclable Packaging

We have recently adopted new FSC Certified cardboard packaging for selected products, The Forest Stewardship Council (FSC) is committed to protecting forests for future generations and helping to combat climate change.

Bleaches and pigments have been eliminated from this packaging reducing chemical waste which is a harmful pollutant.



### 100% Recycled Aluminium

All of the aluminium used in the manufacturing process is 100% recycled aluminium, contributing to a circular economy and minimising the exhaustion of natural sources. Just 5% of energy is used through the production of recycled aluminium.



### WEEE

Our electrical products are recyclable through WEEE – Waste Electrical and Electronic Equipment recycling, which allows valuable resources including plastics, metals and glass to be recovered for further use in manufacturing and ensures hazardous waste is disposed of safely, helping to protect our environment.
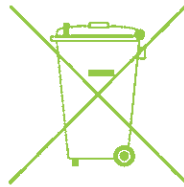


### ROHS

All of our products are RoHS compliant, in conjunction with the EU's RoHS Directive for restricting the use of hazardous substances in electrical equipment to protect the environment and public health.



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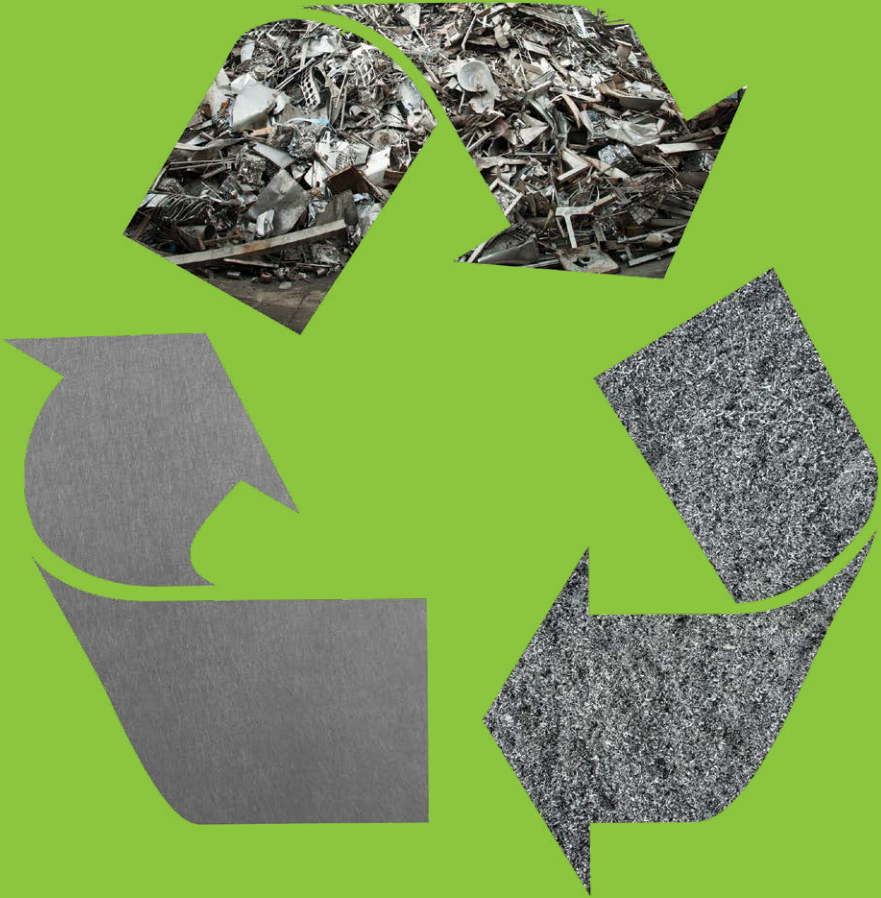
# Our Vision

Our strategic vision is to create and sustain **positive long term relationships** with our customers by helpful, **effective response** to their ongoing requirements by providing the most up-to-date and **innovative products** and support in a constantly changing environment and market.

# The ATC Experience

- Quality
- Safety
- Service
- Customer Care
- Competitive
- Stock Levels
- Next Day Delivery
- Sales and Marketing Support
- High Level Technical Support
- Heating and Design Service

Our Core Values of **Quality, Service,** and **Customer Care** are primary to our day-to-day activities

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# Book a visit to the ATC Academy and Energy Showroom





Your team will avail of professional development & product training delivered by our team of Technical Specialists.

Contact **marketing@atc.ie** to arrange your visit

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# atc®

## Your Heating Partner

amazon alexa

Google Assistant

**Wi-Fi Heaters**

**Outdoor Heaters**

**Bathroom Range**

**Digital Heaters**

**Commercial Heaters**

**Thermostats and Controllers**

# Next Day Delivery Across the UK*

atc

*For orders placed by 2.30pm

# Energy Efficient
# Hand Dryers

# Did you Know?
# 1 ton of paper towels is the equivalent of
# 17 trees

**Dry your Hands the Eco-Friendly Way**

eHA
electric Handdryer
Association

# Which Hand Dryer to use?

We provide the most comprehensive range of
Energy Efficient Hand Dryers on the market

| | Tiger ECO | Cheetah | Puma | Cub | Panther ECO | Premium Blade |
|---|---|---|---|---|---|---|
| Energy Efficient with Low Running Costs | ● | ● | ● | ● | ● | ● |
| Variable Outputs KW | 650/1400 | 1550 | 600/1300 | 600/1300 | 700/1400 | 700/2000 |
| HEPA Filtration | Optional | | | | ● | ● |
| Air Filtration | ● | ● | ● | ● | ● | ● |
| UV Sterilisation | | ● | | | | ● |
| Drying Time | 15 Seconds | 15 Seconds | 15 Seconds | 15 Seconds | 15 Seconds | 15 Seconds |
| Low Usage | | | ● | ● | | |
| Medium Usage | ● | ● | | | | ● |
| High Usage | ● | | | | ● | |
| Vandal Resistant | | | | | ● | |
| Approvals | UKCA, CE, GS | UKCA, CE, GS | UKCA, CE, GS | UKCA, CE, GS | UKCA, CE, GS | UKCA, CE, GS |
| Warranty | 2 Years | 2 Years | 2 Years | 1 Year | 5 Years | 3 Year |

## ECO Tap
Washroom Range
*Experience Unique*
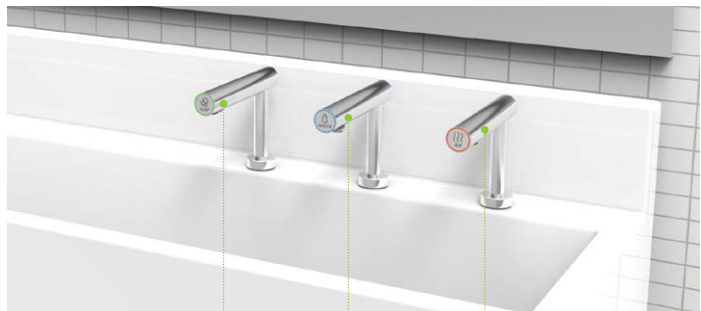
Soap Dispenser

Automatic Water Tap

High Speed Hand Dryer

# Frequently Asked Questions

What's the difference between the High Speed Cub and the Tiger Eco Hand Dryers?



|  | High Speed Cub | Tiger ECO |
|---|:---:|:---:|
| 15 second drying time | ✓ | ✓ |
| LED countdown indicator | ✓ | ✓ |
| Low running costs | ✓ | ✓ |
| Available in various finishes | ✓ | ✓ |
| Suited to areas of low traffic | ✓ | — |
| Suited to areas of medium to high traffic | — | ✓ |
| Switchable heating element on/off | ✓ | ✓ |
| Compact high speed hand dryer | ✓ | — |
| Optional HEPA filter available | — | ✓ |
| Long life brush motor | — | ✓ |

# ATC **Tiger ECO**
# High Speed Hand Dryer

**Ultra modern design**

**Key Features Include:**

- 15 second drying time
- Low running costs
- Suitable for areas of medium to high traffic
- Switchable heating output
- HEPA filter (Optional)
- LED Countdown Indicator
- Available in brushed stainless steel or white
- Long life brush motor

Sleek high speed hand dryer perfect for areas of medium to high footfall.The optional HEPA filter captures 99.9% of bacteria for effective and efficient hand drying.

### Description

| Product Code | Z-3145M | Z-3145W |
|---|---|---|
| Finish | Stainless Steel | White |
| Warranty | 2 Years | 2 Years |
| Activation | Automatic | Automatic |
| Cover Material | Stainless Steel | Painted Steel |

### Electrical Specifications

| | |
|---|---|
| Voltage | 220/240V |
| Frequency (Hz) | 50Hz |
| Motor Type | Brushed Motor |
| Power Output | 1400 Watts |
| Motor Power | 650 Watts |
| Heating Power | 750 Watts/off |
| Amps | 5.5A |
| Sensor Adjustable | Fixed |
| Drying Time | 15 seconds |
| Air Speed | 70m/s |
| Air Volume | 122.4m³/h |
| Filter | Filter Included |

Optional HEPA Filter removes 99.9% of particles down to 0.3µm

### Noise Level

| | |
|---|---|
| | 70dB(A) @1m |

### Approvals

UK CA CE ⚠ 🔲

### Safety Features

| | |
|---|---|
| Motor Thermal Protection | 100°C |
| Heater Thermal Protection | 100°C |
| Time Protection | 45 seconds |
| Cover Screws | Vandal Resistant |
| Protection | IP13 |

### Dimensions and Weight

| | |
|---|---|
| Width | 312mm |
| Height | 302mm |
| Depth | 172mm |
| Weight | 4.1kg |

**Commercial**  **Hospitality**  **Sports & Leisure**  **Healthcare**  **Education**

**15**
**Dries Hands in 15 Seconds**

**35/70kg**
**Annual CO₂ Emissions**

**Saving Energy Reducing the Carbon Footprint**

**H.E.P.A FILTRATION**
**Optional HEPA Filter**

**2**
**YEAR WARRANTY**

# ATC **Cheetah** High Speed Hand Dryer

**Elegant, hygienic and cost effective**

## Key Features Include:

- 15 second drying time
- Low running costs
- Suitable for areas of medium traffic
- Available in brushed stainless steel, black or white

A durable high speed hand dryer, perfect for areas of medium level footfall, such as service stations or convenience stores.

## Description

| Product Code | Z-2281M | Z-2281W | Z-2281B |
|---|---|---|---|
| Finish | Stainless Steel | White | Black |
| Warranty | 2 Year | 2 Year | 2 Year |
| Activation | Automatic | Automatic | Automatic |
| Cover Material | Stainless Steel | Painted Steel | Painted Steel |

## Electrical Specifications

| | |
|---|---|
| Voltage | 220/240V |
| Frequency (Hz) | 50 / 60Hz |
| Motor Type | Brush Type |
| Power Output | 1550 Watts |
| Motor Power | 650 Watts |
| Heating Power | 900 Watts |
| Amps | 6.6Amps |
| Sensor | Fixed |
| Drying Time | 15 seconds |
| Air Speed | 65 m/s |
| Air Volume | 133m3/h |
| Filter | Filter Included |

## Noise Level

| | |
|---|---|
| | 75dB (at 1m) |

## Approvals

UK CA CE

## Safety Features

| | |
|---|---|
| Motor Thermal Protection | Turns unit off at 135ºC |
| Heater Thermal Protection | Turns unit off at 142ºC |
| Time Protection | 45s Auto Shut Off |
| Cover Screws | Vandal Resistant |
| Protection | IPX1 |

## Size and Weight

| | |
|---|---|
| Width | 295mm |
| Height | 320mm |
| Depth | 170mm |
| Weight | 4.5kg |

Commercial    Hospitality    Sports & Leisure    Healthcare    Education

Dries Hands in 15 Seconds    75kg Annual CO$_2$ Emissions    Saving Energy Reducing the Carbon Footprint    2 YEAR WARRANTY

**RETURN TO INDEX**

# ATC **Puma** High Speed Hand Dryer

## Low energy, compact design

### Key Features Include:

- 12–15 second drying time
- Low running costs
- Suitable for areas of low traffic
- Switchable heating output
- Anti-Bacterial UV Sterilisation
- Durable Stainless Steel
- Compact design

A sleek and compact high speed hand dryer ideal for single use washrooms in areas of low footfall.

## Description

| | |
|---|---|
| Product Code | Z-2000M |
| Cover Material | Stainless Steel |
| Finish | Matt Stainless Steel |
| Warranty | 2 Years |
| Activation | Automatic |

## Electrical Specifications

| | |
|---|---|
| Voltage | 220/240V |
| Frequency (Hz) | 50 / 60Hz |
| Brush Motor | 25000 rpm |
| Power Output | 1300 Watts |
| Motor Power | 600 Watts |
| Heating Power (adjustable) | 700 W / Off |
| Amps | 6.6Amps |
| Sensor | 250mm Fixed |
| Drying Time | 15 seconds |
| Air Speed | 65 m/s |

## Noise Level

| | |
|---|---|
| | 70db at 1m |

## Approvals

UK CA CE ⚠ GS

## Safety Features

| | |
|---|---|
| Motor Thermal Protection | Turns unit off  at 100°C |
| Heater Thermal Protection | Turns unit off at 100°C |
| Time Protection | 45s Auto Shut Off |
| Cover Screws | Vandal Resistant |
| Protection | IP13 |

## Size and Weight

| | |
|---|---|
| Width | 250mm |
| Height | 175mm |
| Depth | 152mm |
| Weight | 3.0kg |

Commercial  Hospitality  Sports & Leisure  Healthcare  Education

**15** Dries Hands in 15 Seconds

**30/65kg** Annual $CO_2$ Emissions

Saving Energy Reducing the Carbon Footprint

**2** YEAR WARRANTY

# ATC **High Speed Cub**
# Hand Dryer

## Low energy, unique design

### Key Features Include:

- 15 second drying time
- Low running costs
- Suitable for areas of low traffic
- Switchable heating output
- LED countdown indicator
- Available in brushed stainless steel /matt black / white
- Compact Design

Unique and sleek in design, this compact high speed hand dryer is best placed in areas of low footfall. The perfect fit across a range of industries.

## Description

| Product Code | Z-2651M | Z-2651BL | Z-2651WH |
|---|---|---|---|
| Cover Material | Stainless Steel | Stainless Steel | Stainless Steel |
| Finish | Brushed | Matt Black Painted | White Painted |
| Warranty | 1 Year | 1 Year | 1 Year |
| Activation | Automatic | Automatic | Automatic |

## Electrical Specifications

| | |
|---|---|
| Voltage | 220/240V |
| Frequency (Hz) | 50 / 60Hz |
| Motor Type | Brush Type |
| Power Output | 1300 Watts |
| Motor Power | 600 Watts |
| Heating Power | 700W / Off |
| Amps | 5.2 Amps |
| Sensor | 0-250mm |
| Drying Time | 15 seconds |
| Air Speed | 65 m/s |

## Noise Level

| | |
|---|---|
| | 72dB at 1m |

## Approvals

UKCA CE GS

## Safety Features

| | |
|---|---|
| Motor Thermal Protection | Turns unit off at 100°C |
| Heater Thermal Protection | Turns unit off at 100°C |
| Time Protection | 45s Auto Shut Off |
| Cover Screws | Vandal Resistant |
| Protection | IPX1 |

## Size and Weight

| | |
|---|---|
| Width | 153mm |
| Height | 280mm |
| Depth | 162mm |
| Weight | 3.2kg |

**Commercial**   **Hospitality**   **Sports & Leisure**   **Healthcare**   **Education**

**30/65kg**
Annual CO$_2$ Emissions

**Saving Energy Reducing the Carbon Footprint**

**1**
YEAR WARRANTY

# ATC **Panther ECO** High Speed Hand Dryer

## The preferred choice for high usage wash rooms

**Key Features Include:**

- 12-15 second drying time
- Low running costs
- Suitable for high traffic areas
- Switchable heat / speed setting
- Long life brush motor
- HEPA Filter (Optional)
- Vandal resistant
- Available in brushed stainless steel

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With a 5 year warranty, this durable high speed hand dryer is effective – perfect for high traffic areas such as shopping centres, fast food restaurants or sports stadia. The optional HEPA filter captures 99.9% of bacteria.

## Description

| | |
|---|---|
| Product Code | PANZA06 |
| Cover Material | Stainless Steel |
| Finish | Matt Stainless Steel |
| Warranty | 5 Years |
| Activation | Automatic |

## Electrical Specifications

| | |
|---|---|
| Voltage | 220–240Vac |
| Frequency (Hz) | 50 / 60Hz |
| Brush Motor with Dual Ball Bearings | 12000-18000RPM (adjustable) |
| Power Output (adjustable) | 1400 Watts |
| Motor Power (adjustable) | 350W / 700 Watts |
| Heating Power (adjustable) | 350W / 700 Watts |
| Sensor Range (automatically adjustable) | 100–230mm |
| Drying Time | 12–15 Seconds |
| Air Flow m/s | 74-87m/s |
| Filter | Complete with filter |

## Noise Level

| | |
|---|---|
| | Maximum: 78dB at 1m |

## Approvals

UK CA  CE  GS

## Safety Features

| | |
|---|---|
| Motor Thermal Protection | Auto Retsetting turns off at 135°C |
| Heater Thermal Protection | Auto Retsetting turns off at 85°C |
| Time Protection | 60s Auto Shut Off |
| Cover Screws | Vandal Resistant |
| Protection | IPX1 |

## Size and Weight

| | |
|---|---|
| Width | 205mm |
| Height | 287mm |
| Depth | 180mm |
| Weight | 5.8kg |

**Commercial**  **Hospitality**  **Sports & Leisure**  **Healthcare**  **Education**

**35/70kg**
**Annual CO$_2$ Emissions**

**Saving Energy Reducing the Carbon Footprint**

**5 YEAR WARRANTY**

# ATC **Premium Blade**
## High Speed Hand Dryer

**Elegant, hygienic and cost effective**

### Key Features Include:

- 10-15 second drying time
- Low running costs
- Suitable for areas of medium traffic
- Replaceable HEPA filter
- Anti-Bacterial UV Sterilisation
- Available in silver
- Long life brushless motor

Reach new hand drying heights with the leading ATC hand dryer – long life, sleek silver design with built-in anti-bacterial UV sterilisation and HEPA filter.

### Description

| | |
|---|---|
| Product Code | Premblade15 |
| Finish | Silver |
| Warranty | 3 Years |
| Activation | Automatic |

### Electrical Specifications

| | |
|---|---|
| Voltage | 220V - 240V |
| Frequency (Hz) | 50 / 60Hz |
| Motor Type | Brushless Long life |
| Power Output (W) | 2000 Watts |
| Motor Power (W) | 700 Watts |
| Heating Power (W) | 1300 Watts |
| Amps (A) | 8.5 Amps |
| Sensor Adjustable | Fixed |
| Drying Time | 10 – 15 seconds |
| Air Speed | 90 – 95 m/s |

### Noise Level
70dB (at 1m)

### Filter
Replaceable HEPA Filter

### Approvals
UKCA CE GS

### Safety Features

| | |
|---|---|
| Motor Thermal Protection | Turns unit off @ 95°C |
| Heater Thermal Protection | Turns unit off @ 100°C |
| Time Protection | 25s |
| Cover Screws | Vandal Resistant |
| Protection | IP24 |

### Dimensions and Weight

| | |
|---|---|
| Width | 300mm |
| Height | 700mm |
| Depth | 215mm |
| Weight | 9.5kg |

**Commercial**    **Hospitality**    **Sports & Leisure**    **Healthcare**    **Education**

35/100kg
**Annual CO$_2$ Emissions**

**Saving Energy Reducing the Carbon Footprint**

3
**YEAR WARRANTY**

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# ATC **ECO Tap**

**Washroom Range**

**Wash & Dry your hands in 40 seconds!**

**Key Features Include:**

- Taps installed in situ within sink, or above
- Hygienic, no-touch automatic operation
- Simple to use
- Energy saving, temperature control hand dryer
- Quiet operation
- Concealed mechanisms for easy maintenance

With a sleek, modern design the ECO Tap is designed to complement high traffic bathrooms as a complete set of soap dispenser, auto tap, and high speed hand dryer.

## Product Codes:

**Sink Mounted**
ATC-ECOTAP-D
ATC-ECOTAP-D-FAUCET
ATC-ECOTAP-D-SOAP

**Wall Mounted**
ATC-ECOTAP-W
ATC-ECOTAP-W-FAUCET
ATC-ECOTAP-W-SOAP

### Description

| | |
|---|---|
| Cover Material | 304 Stainless steel |
| Finish | Brushed |
| Activation | Automatic |

### Electrical Specifications Hand Dryer — Wall / Sink

| | |
|---|---|
| Voltage | 220 - 240Vac |
| Frequency (Hz) | 50-60Hz |
| Motor speed | 22000-29000RPM |
| Power Output | 840-1000W |
| Motor Power | 500W |
| Heating Power (off/min/max) | 0/340-500W |
| Sensor Range | 130mm ± 20mm (Auto Adjust) |
| Drying Time | 12-15 Second |

### Approvals

UK CA   CE   RoHS   WEEE

### Safety Features

| | |
|---|---|
| Motor Thermal Protection | 102°C Auto Resetting |
| Heater Thermal Protection | 139°C Auto Resetting |
| Time Protection | 60s Auto shut off |
| Cover | 304 Stainless steel |
| Protection | I.P. 35 |

### Dimensions

**Sink mounted**

220 mm
Ø38 mm
170 mm
15 mm
Ø50 mm

**Wall mounted**

220 mm
Ø50 mm
Ø38 mm
15 mm
81.2 mm

**2 YEAR WARRANTY**

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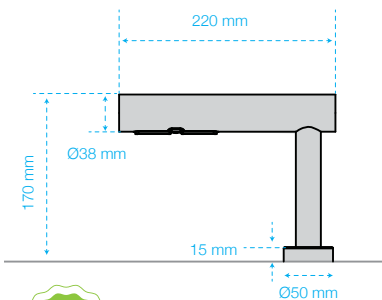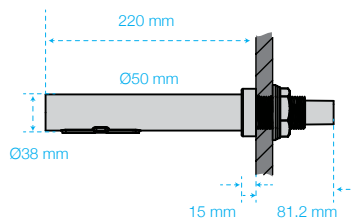
# ATC **Dahlia** Soap & Sanitiser Dispenser



## Key Features Include:

- Automatic, no-touch operation
- Hygienic, prevents spread of harmful bacteria
- Battery Powered - 6x AAA batteries
- LED Low Battery Indicator
- Wall Mounted install in minutes
- Adjustable Floor Stand (optional)
- Adjustable Heights on portable stand 895mm-1700mm

The Dahlia Soap & Sanitiser Dispenser can be used either to dispense soap or sanitiser in a range of settings, such as commercial, hospitality, education, sports & leisure and healthcare.

## Description

| | |
|---|---|
| Product Code: | HANDSU |
| Box Quantity: | 12 Pieces |
| Finish: | Brushed Stainless Steel |
| Activation: | Automatic |
| Floor Stand: | HS-FLOOR-STAND |
| Adjustable: | 895mm – 1700mm |

## Adjustable Floor Stand – Optional

- Free Standing Station
- Battery Powered
- Sturdy yet Portable
- Adjustable Heights
- For use with Dahlia Soap & Sanitiser Dispenser
- Sold in pack of 2 units

Infrared Detection

Filling Dispenser

Commercial

Hospitality

Sports & Leisure

Healthcare

Residential

Education

# Choose Hygiene. Choose HEPA.

### What is 'HEPA'?
HEPA stands for 'High Efficiency Particle Arrestor', which works to trap tiny particles (up to 0.3 micrometers in diameter) found in the air.

### Why they're great
ATC HEPA filters capture 99.9% of harmful particles, giving you a seamless, hygienic hand drying experience.

### Maintenance
You change your coffee filter regularly, right? The same applies to HEPA filters. Make sure to change your HEPA filter every 6 months – those particles add up, and over time reduce the effectiveness of the filter.

### A closer look
ATC HEPA filters are composed of thin fibres of glass and carbon-activated material. The result is a thick, paperlike material arranged in pleats. Particles passing through the air are trapped within this material.

### Did you know?
The Panther HEPA filter comes complete with an anti-bacteria layer, and stylish stainless steel outer casing for a sleek finish.

Simply slide in or out for install and removal!
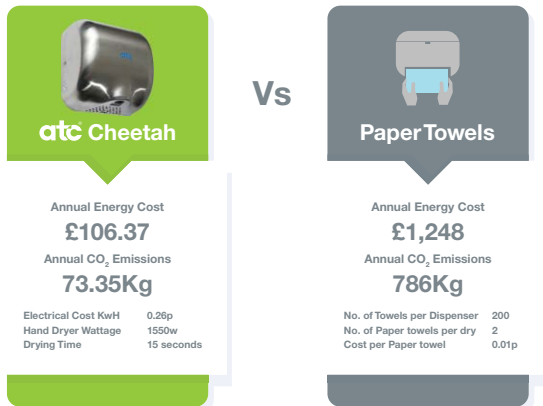
**ATC HEPA filter, Tiger ECO**

**ATC HEPA filter, Panther ECO**

# Cost Savings

## Energy Cost Comparison

### atc Tiger Eco

**Vs**

### Paper Towels

| | Tiger Eco | | Paper Towels |
|---|---|---|---|
| | Annual Energy Cost | | Annual Energy Cost |
| | **£96.07** | | **£1,248** |
| | Annual $CO_2$ Emissions | | Annual $CO_2$ Emissions |
| | **66.25Kg** | | **786Kg** |

| Tiger Eco | | Paper Towels | |
|---|---|---|---|
| Electrical Cost KwH | 0.26p | No. of Towels per Dispenser | 200 |
| Hand Dryer Wattage | 650/1440w | No. of Paper towels per dry | 2 |
| Drying Time | 15 seconds | Cost per Paper towel | 0.01p |

### Savings per year
## £1,151.93
Based on 312 days
200 dries per day

## Energy Cost Comparison

### atc Cheetah

**Vs**

### Paper Towels

| | Cheetah | | Paper Towels |
|---|---|---|---|
| | Annual Energy Cost | | Annual Energy Cost |
| | **£106.37** | | **£1,248** |
| | Annual $CO_2$ Emissions | | Annual $CO_2$ Emissions |
| | **73.35Kg** | | **786Kg** |

| Cheetah | | Paper Towels | |
|---|---|---|---|
| Electrical Cost KwH | 0.26p | No. of Towels per Dispenser | 200 |
| Hand Dryer Wattage | 1550w | No. of Paper towels per dry | 2 |
| Drying Time | 15 seconds | Cost per Paper towel | 0.01p |

### Savings per year
## £1,141.63
Based on 312 days
200 dries per day

Figures correct as of July 2022

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## Energy Cost Comparison

### atc Puma

**Vs**

### Paper Towels

| | **atc Puma** | **Paper Towels** |
|---|---|---|
| Annual Energy Cost | £89.21 | £1,248 |
| Annual $CO_2$ Emissions | 61.52Kg | 786Kg |

**atc Puma**

| | |
|---|---|
| Electrical Cost KwH | 0.26p |
| Hand Dryer Wattage | 600/1300w |
| Drying Time | 15 seconds |

**Paper Towels**

| | |
|---|---|
| No. of Towels per Dispenser | 200 |
| No. of Paper towels per dry | 2 |
| Cost per Paper towel | 0.01p |

### Savings per year
### £1,158.79
Based on 312 days
200 dries per day

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## Energy Cost Comparison

### atc High Speed Cub

**Vs**

### Paper Towels

| | **atc High Speed Cub** | **Paper Towels** |
|---|---|---|
| Annual Energy Cost | £89.21 | £1,248 |
| Annual $CO_2$ Emissions | 61.52Kg | 786Kg |

**atc High Speed Cub**

| | |
|---|---|
| Electrical Cost KwH | 0.26p |
| Hand Dryer Wattage | 600/1300w |
| Drying Time | 15 seconds |

**Paper Towels**

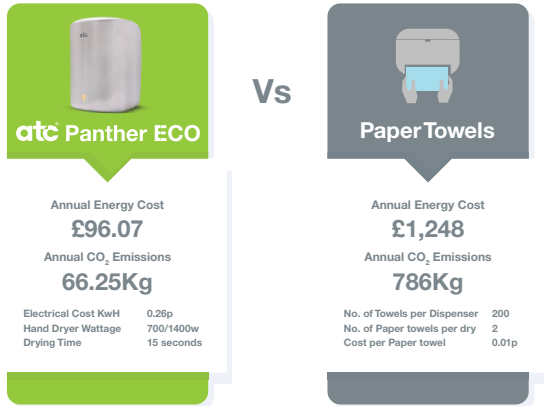| | |
|---|---|
| No. of Towels per Dispenser | 200 |
| No. of Paper towels per dry | 2 |
| Cost per Paper towel | 0.01p |

### Savings per year
### £1,158.79
Based on 312 days
200 dries per day

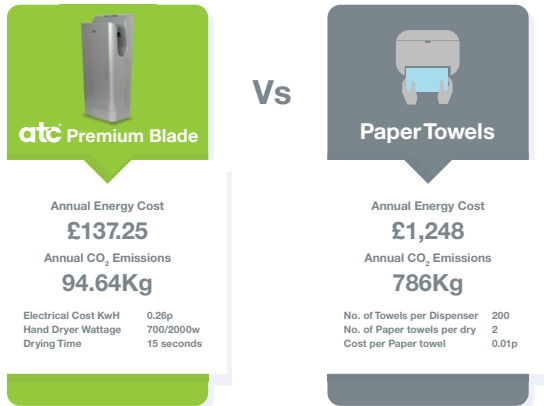Figures correct as of July 2022

## Energy Cost Comparison

**Vs**

### atc Panther ECO

Annual Energy Cost
**£96.07**

Annual $CO_2$ Emissions
**66.25Kg**

| | |
|---|---|
| Electrical Cost KwH | 0.26p |
| Hand Dryer Wattage | 700/1400w |
| Drying Time | 15 seconds |

### Paper Towels

Annual Energy Cost
**£1,248**

Annual $CO_2$ Emissions
**786Kg**

| | |
|---|---|
| No. of Towels per Dispenser | 200 |
| No. of Paper towels per dry | 2 |
| Cost per Paper towel | 0.01p |

### Savings per year
**£1,151.93**
Based on 312 days
200 dries per day

## Energy Cost Comparison

**Vs**

### atc Premium Blade

Annual Energy Cost
**£137.25**

Annual $CO_2$ Emissions
**94.64Kg**

| | |
|---|---|
| Electrical Cost KwH | 0.26p |
| Hand Dryer Wattage | 700/2000w |
| Drying Time | 15 seconds |

### Paper Towels

Annual Energy Cost
**£1,248**

Annual $CO_2$ Emissions
**786Kg**

| | |
|---|---|
| No. of Towels per Dispenser | 200 |
| No. of Paper towels per dry | 2 |
| Cost per Paper towel | 0.01p |

### Savings per year
**£1,110.75**
Based on 312 days
200 dries per day

Figures correct as of July 2022

**RETURN TO INDEX**

# CO$_2$ Impact on the Environment

Carbon Emissions, otherwise known as greenhouse gas emissions, are the main contributors to climate change and global warming.

The concerning increases in the burning of fossil fuels directly correlates to the increase of carbon dioxide levels in the atmosphere and in turn the rapid increase of global warming.

**2035 CLIMATE ACTION TARGETS UK**
Cut emissions by 78% by 2035, compared to 1990 levels

## Fossil Fuel Combustion

The largest source of carbon dioxide emissions is from the combustion of fossil fuels. This produces 87% of the human carbon dioxide emissions. Burning these fuels releases energy which is most commonly turned into electricity, heat or power for transportation. Some examples of where they are used are in industrial and commercial facilities such as Airports, Factories, Shopping Centre, Offices and smaller locations such as Gyms, Coffee Shops and Restaurants.

## What Should Happen?

It is the responsibility of the Management in all commercial and industrial organisations to implement a plan to reduce their annual carbon emissions.

## How can ATC Energy Efficient Hand Dryers Help?

ATC provide the widest and most complete range of Energy Efficient Hand Dryers on the market.

When you visit a wash room you want to dry your hands quickly and hygienically.

We provide all the options; from high usage locations such as Airports, Shopping Centres and Sports Stadia to medium usage in Offices, Hotels and Coffee Shops. Our hand dryers are low noise and provide a range of energy outputs that can be controlled by the facilities personnel.

On pages 26-30 we demonstrate the energy savings and CO$_2$ emissions of our hand dryers compared to using Conventional Hand Dryers or Paper Towels.
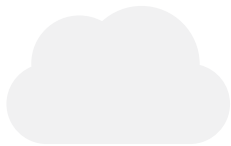
Conventional Hand Dryer

Paper Towel Dispenser
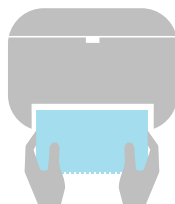
**4.85g** $CO_2$ per Dry

**12.6g** $CO_2$ per Dry

ATC Tiger ECO

ATC Premium Blade

ATC Cheetah

**1.1g** $CO_2$ per Dry

**1.6g** $CO_2$ per Dry

**1.2g** $CO_2$ per Dry

ATC Panther ECO

ATC Puma

ATC High Speed Cub

**1.1g** $CO_2$ per Dry

**0.9g** $CO_2$ per Dry

**0.9g** $CO_2$ per Dry

# Electric Thermal Electric Radiators & Panel Heaters

# Eco-Friendly

**Our thermal electric radiators use thermal emission oil for a quick and eco-friendly heat-up time. Built-in Open Window Technology prevents heat loss and saves energy.**

**Eco**Design
Lot 20 Compliant

# Thermal Electric Radiator Technology

### Electric Heating: How it Works
ATC's Thermal Electric Range use a combination of convection and radiated heat, to provide an evenly distributed, comfortable warmth to any room.

### Where to Use
Electric radiators are ideal for heating domestic and commercial settings, providing comfortable and consistent heat for spacious rooms.

### Integrated Technology
These radiators can be used as stand-alone heaters or part of a whole-house heating system, **with selected heaters** operated by an app.

### What's Inside?
Thermal electric radiators are oil filled, encased in aluminium, and contain an electric element.

### Did you Know?
There are 3 basic methods of heat transfer: Conduction, Convection, and Radiation. ATC's Electric Thermal Radiator Range uses:

### Convection
The transfer of heat through the physical movement of air or fluid from one location to another.

### And

### Radiation
The transfer of heat by electromagnetic waves.

# Thermal Radiator or Panel Heater?

## What Are the Key Differences?

### Thermal Electric Radiator
Varena

- Robust, modern design
- Uses combined convection & radiant heating method
- Provides gradual warmth
- Lower running costs

**Provides great levels of comfort & warmth in spaces that are used frequently.**

Ideal for:

Kitchens

Living Rooms

Receptions

Offices

### Panel Heater
Almeria ECO

- Lightweight, sleek design
- Uses convection heating method
- Provides immediate heat
- Low purchase cost

**Effectively heats spaces that are used sparingly**

Ideal for:

Bedrooms

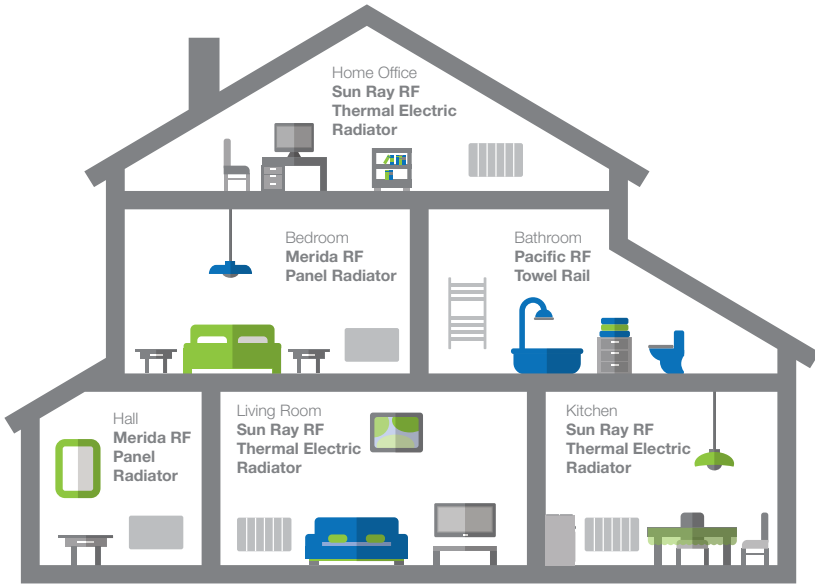Utility Rooms

Staircase Landings

Spare Rooms

41

# Thermal Radiators & Panel Heaters

Complementing one another in the home

## The Smart RF Residence

Home Office
**Sun Ray RF Thermal Electric Radiator**

Bedroom
**Merida RF Panel Radiator**

Bathroom
**Pacific RF Towel Rail**

Hall
**Merida RF Panel Radiator**

Living Room
**Sun Ray RF Thermal Electric Radiator**

Kitchen
**Sun Ray RF Thermal Electric Radiator**

By using a combination of thermal electric radiators and panel heaters in settings such as the home, you avail of a comfortable, inviting warmth specifically tailored for each room.

ATC's range of Smart RF products allow for connectivity and controllability with the ability to control up to 30 heaters from your mobile phone.

Thermal Electric Radiators and Panel Radiators can also work in tandem in settings such as hotels, offices, apartment residences, schools & universities, sports & leisure facilities, and more.

## Suitable for:

**Commercial**

**Hospitality**

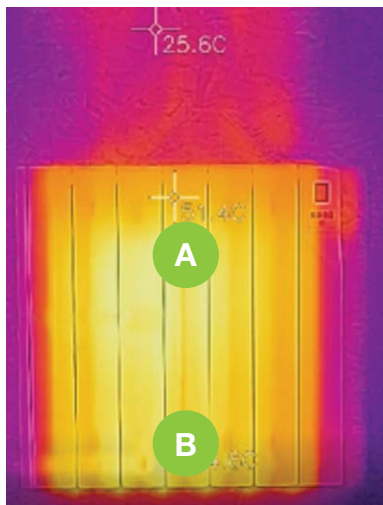**Sports & Leisure**

**Healthcare**

**Residential**

**Education**

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# Heat Distribution by Product Type

Results from the ATC test laboratory below demonstrate and compare the methods of heat distribution of different electric heaters.
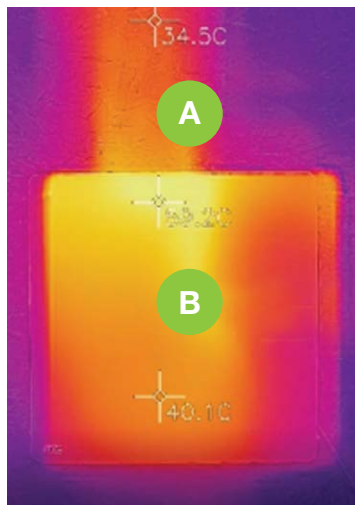
### ATC SunRay RF Thermal Radiator 750w



### ATC Almeria-Eco Panel Heater 750w



**A** Produces warm, controlled heat that reaches maxiumum temperature of 25.5 degrees.

**B** Heat is distributed evenly from heat source.

**A** Produces dry heat of up to 34 degrees; suitable for places that are used sparingly.

**B** Heat is unevenly distributed from heat source.

# Key Features of ATC Thermal Electric Radiators

## Smart Controllability to 0.2°C

PID controllers use a control loop feedback method to control the heating element and are the most accurate and stable type of control system, with temperature accuracy to 0.2°C.

The ATC apps allow online programming from anywhere in the world. The radiator can also be controlled directly via controls on the heater.

## Controllability & Connectivity

ATC Thermal Electric Radiators offer a wide range of connectivity options. We offer a diverse selection of products with varying levels of controllability and connectivity options. Choose from direct control via the radiator's control screen right through to Smart Technology that can be connected and controlled on-the-go via your smart device.

## Accessible Technology

- Easy to read, modern TFT Display
- Manual Boost allows quick operation outside of programmed times
- Triac thermostat ensures long life & silent control
- Audible feedback confirms buttons which have been activated

## Warranty Information

| 2 YEAR WARRANTY ELECTRONICS | 10 YEAR WARRANTY ALUMINIUM | 3 YEAR WARRANTY ELECTRONICS | 20 YEAR WARRANTY ALUMINIUM |
|---|---|---|---|
| iLifestyle & Varena | | Sun Ray RF & Neptune | |

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# ATC Smart Technology

## Connectivity:
## The Power of RF Radio Frequency Technology

Radio Frequency (RF) products communicate using a smart and robust RF Mesh gateway which allows for a more reliable and longer-reaching communication path between the heaters and the gateway.

## The Power of Wifi Direct Technology

Our Wi-Fi Direct products operate directly between each heater and the Wi-Fi router, ideal for single heaters with no need for a gateway

## Easy to Program & Install

Ease of set-up is a key point in the design of the ATC Smart Family of products.

Simple and robust mounting hardware with secure locking brackets ensure that these products sit perfectly and safely within the spaces they provide warmth.

The set-up and programming of both Wi-Fi Direct and RF-wireless systems is simple and intuitive, requiring minimal effort.

Easy to transport and easy to install.

## Control at your Fingertips

Gain complete control over your heating systems through our ATC Smart Apps: Tevolve (RF) and ATC Cala (Wi-Fi Direct).

- TRIAC electronic thermostat – accurate to 0.2°C
- PID Intelligent Control
- Open Window Feature
- Adaptive Start
- Frost Protection for holiday homes

ATC Tevolve App – RF Products

ATC Cala App – Wi-Fi Direct Products

# Electric Heating Sizing Guide

| Floor Area | | Insulation Level | | |
|---|---|---|---|---|
| (Standard 2.4M / 8Ft Ceiling Height.) | | | | |
| M² | Square Ft | Poor | Normal | Excellent |
| Up to 3M² | Up to 32Sq Ft | 540W | 300W | 240W |
| Up to 6M² | Up to 65Sq Ft | 1080W | 600W | 480W |
| Up to 9M² | Up to 97Sq Ft | 1620W | 900W | 720W |
| Up to 12M² | Up to 129Sq Ft | 2160W | 1200W | 960W |
| Up to 15M² | Up to 161Sq Ft | 2700W | 1500W | 1200W |
| Up to 18M² | Up to 194Sq F | 3240W | 1800W | 1440W |
| Up to 21M² | Up to 226Sq F | 3780W | 2100W | 1680W |
| Up to 24M² | Up to 258Sq Ft | 4320W | 2400W | 1920W |
| Up to 27M² | Up to 291 | 4860W | 2700W | 2160W |
| Up to 30M² | Up to 323Sq Ft | 5400W | 3000W | 2400W |

**Follow us on Social Media
@ATC_Electrical**

# The Smart RF Family

Hey Google, **turn on my kitchen heating.**

Mesh System

Hey Alexa, **turn on my kitchen heating.**

- Sun Ray RF
- Merida RF
- Neptune RF
- Pacific Towel Radiator
- RF Gateway
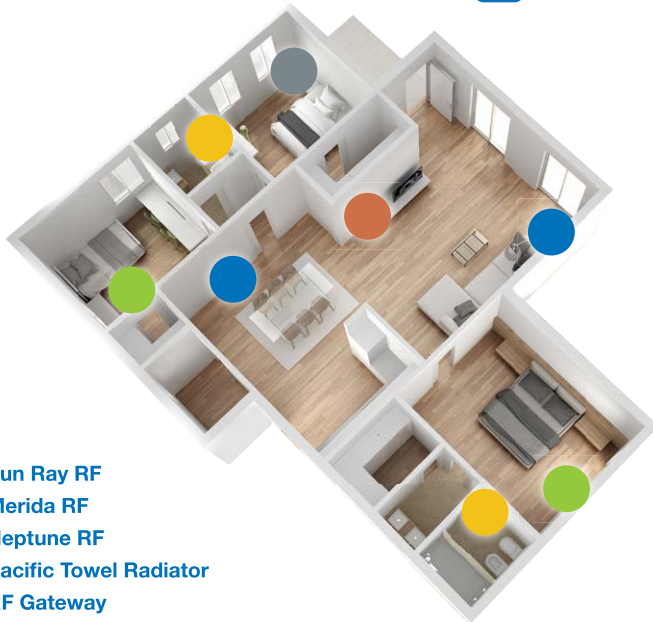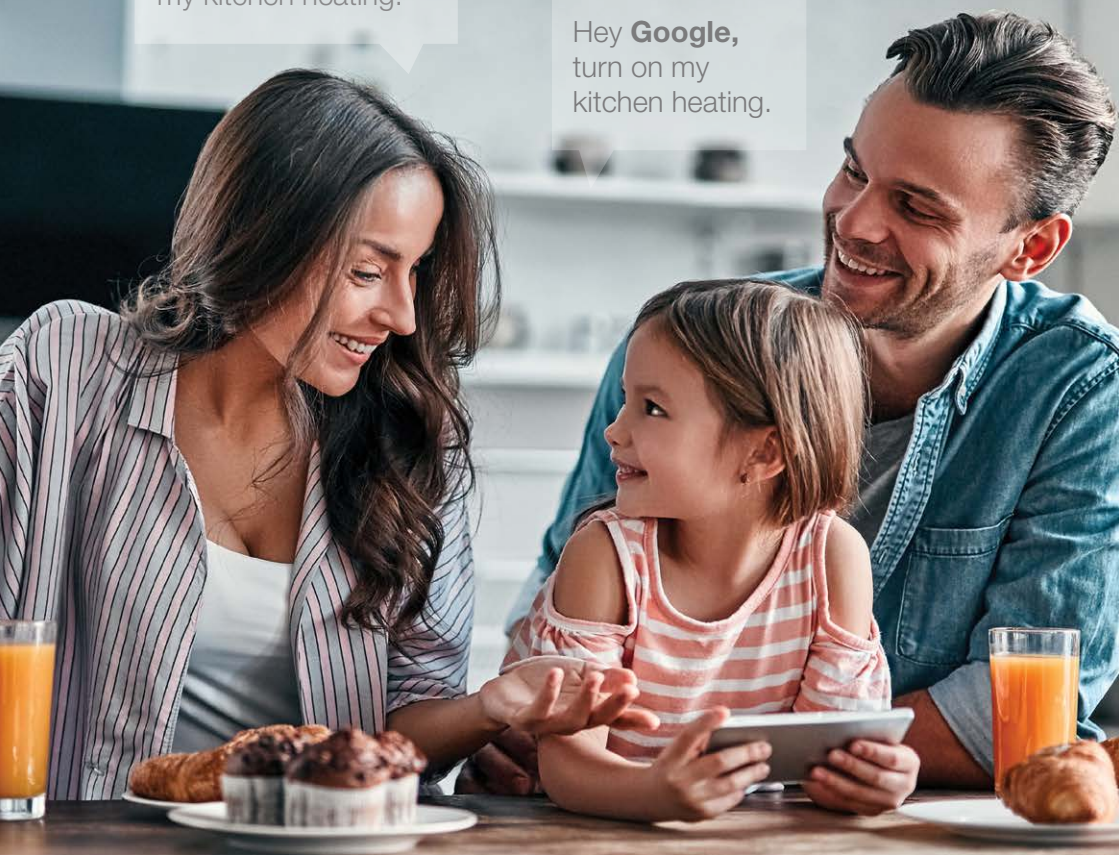
# We design with you in mind.

Hey **Alexa**, turn on my kitchen heating.

Hey **Google,** turn on my kitchen heating.

Our connected products work with both Amazon & Google devices.

amazon alexa

Google Assistant

# Explore the
# **ATC Smart Range**

### Sun Ray RF
Thermal Electric Radiator

### iLifestyle
Thermal Electric Radiator

## Pacific RF
Heated Towel Radiator

## Merida RF
Digital Panel Radiator

# Manual Control on the Radiator

All radiators are equipped with
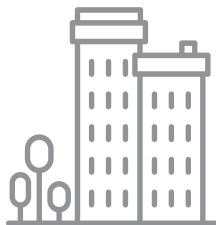a large TFT screen.



## Merida
Digital Panel Radiator



## Pacific RF
Heated Towel Radiator

# Take Control using our App
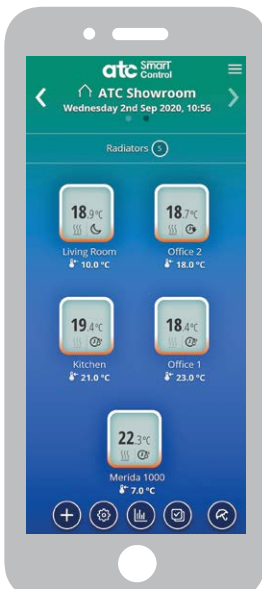
### Apartments
Change settings remotely

### Hotels & Hostels
Controllability from reception

### Download
for FREE on your mobile, tablet or computer device

**ATC Smart Control**
**ATC Showroom**
Wednesday 2nd Sep 2020, 10:56

Radiators (5)

| 18.9°C Living Room 10.0 °C | 18.7°C Office 2 18.0 °C |
| 19.4°C Kitchen 21.0 °C | 18.4°C Office 1 23.0 °C |

22.3°C
Merida 1000
7.0 °C

### Offices
Smart design

### Holiday Homes
Frost protection for piece of mind

### Voice Control
amazon alexa
Google Assistant

- Programmable 24/7 from anywhere in the world
- 3 program modes: **Comfort, Eco & Frost Protection**
- Can control up to 30 radiators
- Each radiator can be named
- Voice Control
- Monitor whole house energy usage with RF monitor

Download on the App Store

ANDROID APP ON Google play

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# Monitor your Electricity Consumption

Purchase the Sun Ray RF with a Power Monitor to gain insight into your total electricity consumption in your home, office, hotel, etc. The Power Monitor measures electrical current, providing an hourly reading of your electricity consumption.

Couple this with the insights available thanks to the RF app on your radiator energy usage, and you'll be on your way to honing your electricity usage and reducing your energy bills.





Power Monitor sold separately: Product CodeRF-Monitor

# ATC **Sun Ray RF** Electric Thermal Radiators
*Experience Unique*

## Key Features Include:

- Wireless control via Gateway and App
- Voice control compatibility with Amazon Alexa and Google Assistant
- Silent electronic thermostat – accurate to 0.2°C
- PID Intelligent Control
- Open Window Feature
- Adaptive Start
- Digital Program control
- Landlord Mode for control in hotels, student accommodation etc.
- Stand-alone control on radiator
- Frost Protection
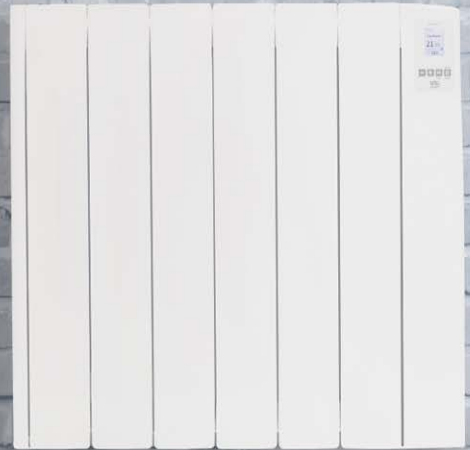
The Sun Ray RF is an oil-filled thermal electric radiator which incorporates unique advanced technology and controllability in one radiator, leading the way in sustainable living.

## Technical Details

| Product Code | RF350 | RF500 | RF750 | RF1000 |
|---|---|---|---|---|
| Number of Fins | 3 | 4 | 6 | 8 |
| Power W | 350 | 500 | 750 | 1000 |
| Insulation Class | Class 1 | Class 1 | Class 1 | Class 1 |
| IP Protection | IP20 | IP20 | IP20 | IP20 |
| Voltage (AC) | 230 | 230 | 230 | 230 |
| Dimensions (H x W x D) mm | 580 x 340 x 100 | 580 x 420 x 100 | 580 x 580 x 100 | 580 x 740 x 100 |
| Approvals | UKCA, CE, Rohs | UKCA, CE, Rohs | UKCA, CE,Rohs | UKCA, CE, Rohs |
| Weight (kg) | 6.9 | 8.8 | 12.5 | 16.4 |

## Technical Details *continued*

| Product Code | RF1250 | RF1500 | RF1800 |
|---|---|---|---|
| Number of Fins | 10 | 12 | 12 |
| Power W | 1250 | 1500 | 1800 |
| Insulation Class | Class 1 | Class 1 | Class 1 |
| IP Protection | IP20 | IP20 | IP20 |
| Voltage (AC) | 230 | 230 | 230 |
| Dimensions (H x W x D) mm | 580 x 900 x 100 | 580 x 1060 x 100 | 580 x 1060 x 100 |
| Approvals | UKCA, CE, Rohs | UKCA, CE, Rohs | UKCA, CE,Rohs |
| Weight (kg) | 20 | 23.9 | 23.9 |

RAL Colour: RAL9016

## Popular Applications of the Sun Ray RF:

Commercial   Hospitality   Residential   Sports & Leisure   Education   Healthcare

3 YEAR WARRANTY ELECTRONICS

20 YEAR WARRANTY ALUMINIUM

RF Gateway

On-the-go control via the
ATC Tevolve App

Saving Energy
Reducing the
Carbon Footprint

atc®
SmarT

EcoDesign
Lot 20 Compliant

UK
CA

amazon alexa

Google Assistant

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# Introducing the iLifestyle

**The award-winning Lifestyle radiator is now a Wi-Fi connected radiator!**

## Key Features Include:

- Smart controllability
- Digital connected heating solution
- Subtle design for any room
- Provides efficiency and comfort
- Maintenance free

The award-winning Lifestyle radiator is now a Wi-Fi connected radiator, offering smart controllability, efficient heating and maximum comfort. A maintenance free option once installed.

## Technical Details

| Product Code | WLS500 | WLS750 | WLS1000 | WLS1200 |
|---|---|---|---|---|
| Number of Fins | 3 | 5 | 6 | 7 |
| Power W | 500 | 750 | 1000 | 1200 |
| Insulation Class | Class 1 | Class 1 | Class 1 | Class 1 |
| IP Protection | IP24 | IP24 | IP24 | IP24 |
| Voltage (AC) | 230 | 230 | 230 | 230 |
| Dimensions (H x W x D) mm | 581 x 396 x 98 | 581 x 556 x 98 | 581 x 636 x 98 | 581 x 716 x 98 |
| Approvals | UKCA, CE | UKCA, CE | UKCA, CE | UKCA, CE |
| Weight (kg) | 6.4 | 9.2 | 10.7 | 12 |

## Technical Details *continued*

| Product Code | WLS1500 | WLS1800 |
|---|---|---|
| Number of Fins | 9 | 11 |
| Power W | 1500 | 1800 |
| Insulation Class | Class 1 | Class 1 |
| IP Protection | IP24 | IP24 |
| Voltage (AC) | 230 | 230 |
| Dimensions (H x W x D) mm | 581 x 876 x 98 | 581 x 1036 x 98 |
| Approvals | UKCA, CE | UKCA, CE |
| Weight (kg) | 14.8 | 17.7 |

RAL Colour: RAL9010

## Popular Applications of the iLifestyle:

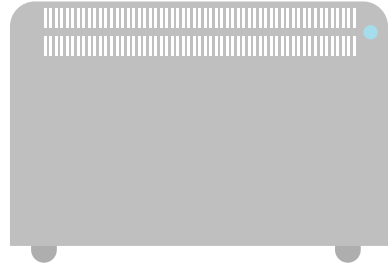Commercial    Hospitality    Sports & Leisure    Healthcare    Residential    Education

amazon alexa    Google Assistant    MIX Board from responsible sources FSC FSC® C141876

EcoDesign Lot 20 Compliant    UK CA    Saving Energy Reducing the Carbon Footprint    2 YEAR WARRANTY ELECTRONICS    10 YEAR WARRANTY ALUMINIUM    atc SmarT

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# Energy Cost Comparison
# iLifestyle vs Storage Heaters

### iLifestyle

| | |
|---|---|
| Area 18m² | 1800w |
| Kw cost per hour[1] | £0.49 |
| Total consumption per day | £2.95 |
| **Total Cost Per Month** | **£88.53** |

### Storage Heater

| | |
|---|---|
| Area 18m² | 3300w |
| Kw cost per hour[1] | £0.21 |
| Total consumption per day | £4.95 |
| **Total Cost Per Month** | **£148.37** |

Assumptions: The above figures are based on a 7 hour heating cycle using electricity on the night rate for the high heat retention storage heater. The Thermal radiator is on at full capacity for 6 hours per day (2 in the morning and 4 in the evening) on a standard day rate tarrif both heaters are worked on a 30 day month.

The calculation does not take into account the need for boost heating for the storage heaters in the evening.

**Lower Bills
£88.53
Lower Energy
Consumption**

**Higher Bills
£148.37
Higher Energy
Consumption**

[1] Day (£0.32844) Night rate (£0.21141) on the British Gas Online Fixed Economy 7 Plan. Standing charge not included.

**Controllability whenever wherever**

works with the
**Google** Assistant

○ amazon alexa

**Wi Fi** 2.4 GHz Wireless
Communications

iLifestyle

# Estimate your Heating Consumption Costs

**Step 1**. Set up & customise based on the electricity unit rate (Kwh) from your energy supplier. Track by individual heater, entire home / premises, or zone within your home / premises.

**Step 2.** Use your heaters as normal.

**Step 3.** Track the estimated consumption as recorded by the iLifestyle app or directly by individual heater
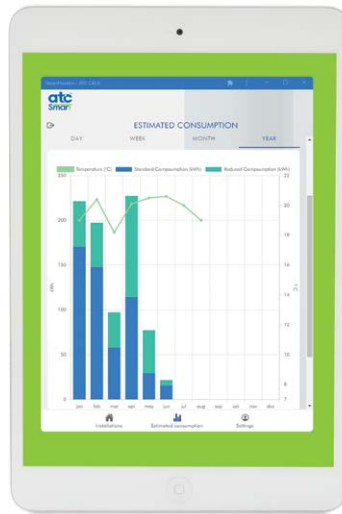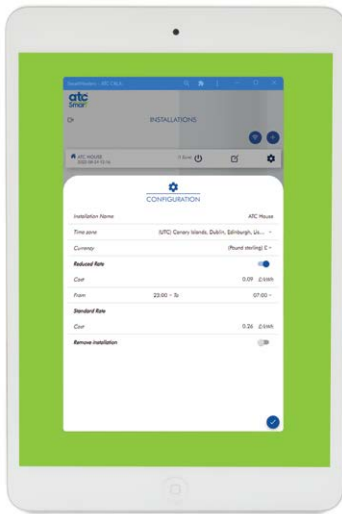
# ATC **Merida RF**
## Digital Panel Radiators
*Experience Unique*

### Key Features Include:

- On-the-go controllability via App & RF Gateway
- Use less energy and save money with PID Intelligent Control
- Conserve energy with Open Window Technology
- Customised heating schedule with Adaptive Start Feature
- Triac Electronic Thermostat ensures silent operation
- Low surface temperature option

Part of the ATC Smart family of heaters, the Merida RF incorporates advanced technology to ensure energy efficiency. Install with the Sun Ray radiator and Pacific RF Heated Towel Rail for a sublime heating experience.

## Technical Details

| Product Code | MER500 | MER750 | MER1000 | MER1500 | MER1800 |
|---|---|---|---|---|---|
| Power (W) | 500 | 750 | 1000 | 1500 | 1800 |
| Insulation Class | Class I | Class I | Class I | Class I | Class I |
| IP Protection | 20 | 20 | 20 | 20 | 20 |
| Voltage (AC) | 230 | 230 | 230 | 230 | 230 |
| Approvals | UKCA, CE, RoHs | UKCA, CE, RoHs | UKCA, CE, RoHs | UKCA, CE, RoHs | UKCA, CE, RoHs |
| Weight (Kg) | 5.7 | 5.7 | 6.2 | 7.9 | 9 |

## Popular Applications of the Merida RF:

Commercial     Hospitality     Sports & Leisure     Healthcare     Residential     Education

Intuitive Display Screen

On-the-go control via the ATC Tevolve App

amazon alexa     Google Assistant

EcoDesign Lot 20 Compliant

UKCA

Saving Energy Reducing the Carbon Footprint

2 YEAR WARRANTY

atc SmarT

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# ATC **Neptune** Electric Thermal Radiators

## Simple to fit, operate & program!
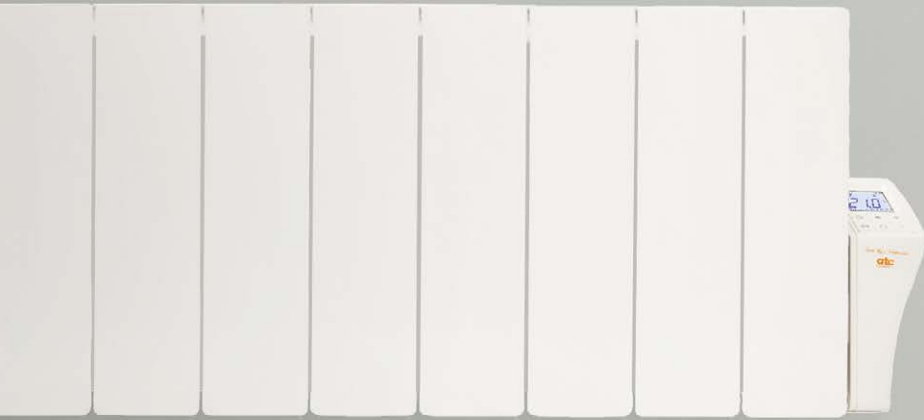
## Key Features Include:

- 3 Operating Modes: Eco, Comfort & Frost Protection
- Filled with high quality thermic emission oil for quick heat-up time

## Improved Energy Efficiency:

- Adaptive Start Technology
- PID Intelligent Control
- Open Window Technology

The ATC Neptune Electric Thermal Radiator is a high quality, low level aluminium radiator designed for heating areas with low level walls or areas where space is restricted.

## Technical Details

| Product Code | LR950 | LR1425 |
|---|---|---|
| Number of Fins | 10 | 15 |
| Power W | 950 | 1425 |
| Insulation Class | Class 11 | Class 11 |
| IP Protection | IP24 | IP24 |
| Voltage (AC) | 230 | 230 |
| Dimensions (H x W x D) mm | 340 x 865 x 96 | 340 x 1265 x 96 |
| Approvals | UKCA, CE, RoHs | UKCA, CE, RoHs |
| Weight (kg) | 12.8 | 19.2 |

RAL Colour: RAL9016

### *Optional Infra Red Remote

| Product Code | LR-REMOTE |
|---|---|
| Product Description | Remote Control for Low Level Electric Radiator |

## Popular Applications of the Neptune:

**Commercial**   **Hospitality**   **Residential**   **Sports & Leisure**   **Education**   **Healthcare**

EcoDesign Lot 20 Compliant

UKCA

3 YEAR WARRANTY ELECTRONICS

20 YEAR WARRANTY ALUMINIUM

# ATC **Varena** Electric Thermal Radiators

## Key Features Include:

- Large, easy to read display screen
- 3 Operating modes: Eco, Comfort & Frost Protection
- Easy to use 24 hour 7 day programming

## Improved Energy Efficiency:

- Adaptive Start Technology
- PID Intelligent Control
- Open Window Technology

The ATC Varena Electric Thermal Radiator is aesthetically pleasing to the eye and designed with the installer and end-user in mind.

## Technical Details

| Product Code | VAR500 | VAR750 | VAR1000 | VAR1200 |
|---|---|---|---|---|
| Number of Fins | 3 | 5 | 6 | 7 |
| Power W | 500 | 750 | 1000 | 1200 |
| Insulation Class | Class 1 | Class 1 | Class 1 | Class 1 |
| IP Protection | IP2X | IP2X | IP2X | IP2X |
| Voltage (AC) | 230 | 230 | 230 | 230 |
| Dimensions (H x W x D) mm | 581 x 335 x 100 | 581 x 495 x 100 | 581 x 575 x 100 | 581 x 655 x1 00 |
| Approvals | UKCA, CE | UKCA, CE | UKCA, CE | UKCA, CE |
| Weight (kg) | 6 | 8.7 | 10.1 | 11.6 |

## Technical Details *continued*

| Product Code | VAR1500 | VAR1800 |
|---|---|---|
| Number of Fins | 9 | 13 |
| Power W | 1500 | 1800 |
| Insulation Class | Class 1 | Class 1 |
| IP Protection | IP2X | IP2X |
| Voltage (AC) | 230 | 230 |
| Dimensions (H x W x D) mm | 581 x 815 x1 00 | 581 x 1135 x 100 |
| Approvals | UKCA, CE | UKCA, CE |
| Weight (kg) | 14.2 | 19.8 |

Optional Castors available

## Popular Applications of the Varena:

Commercial    Hospitality    Residential    Sports & Leisure    Education    Healthcare

EcoDesign Lot 20 Compliant

UKCA

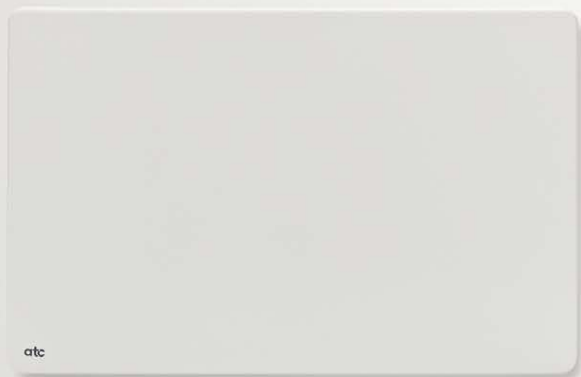Saving Energy Reducing the Carbon Footprint

2 YEAR WARRANTY ELECTRONICS

10 YEAR WARRANTY ALUMINIUM

# ATC **Almeria Eco**
## Digital Panel Heater

**Key Features Include:**

- Simple to install, program and operate
- Large, easy-to-read TFT LCD display screen
- 3 Operating Modes: Program, Manual, Landlord Mode
- 2 user adjustable temperature settings –
  Comfort & Economy
- Dedicated boost facility with program
  advance mode
- Conserve energy with Open Window Technology
- Lockable Keypad

Install and program this energy efficient digital panel heater with ease. Its sleek design makes it perfect for use in a wide variety of settings.

## Technical Details

| Product Code | DPH500-ECO | DPH750-ECO | DPH1000-ECO | DPH1500-ECO | DPH2000-ECO |
|---|---|---|---|---|---|
| Power (W) | 500 | 750 | 1000 | 1500 | 2000 |
| Voltage (V) | 220-240 | 220-240 | 220-240 | 220-240 | 220-240 |
| Frequency (Hz) | 50 | 50 | 50 | 50 | 50 |
| Thermostat | Electronically Adjustable between 5° and 30° | | | | |
| Safety Cut-Out ($^{O}$C) | 120$^{O}$ | 120$^{O}$ | 120$^{O}$ | 110$^{O}$ | 120$^{O}$ |
| Width (mm) | 440 | 440 | 520 | 680 | 840 |
| Depth (mm) | 105 | 105 | 105 | 105 | 105 |
| Height (mm) | 440 | 440 | 440 | 440 | 440 |
| Depth with Bracket (mm) | 110 | 110 | 110 | 110 | 110 |
| Weight (Kg) | 4.3 | 4.3 | 4.5 | 5.5 | 6.5 |
| IP Protection | 24 | 24 | 24 | 24 | 24 |
| Colour | White | | | | |
| Approvals | CE, Intertek Gs, RoHS, ErP | | | | |
| Eco-Design Lot 20 | Yes | | | | |

## Popular Applications of the Almeria Eco:

**Commercial**     **Hospitality**     **Residential**     **Sports & Leisure**     **Education**     **Healthcare**

EcoDesign Lot 20 Compliant

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Saving Energy Reducing the Carbon Footprint

2 YEAR WARRANTY

# Thermal Radiator Features

## Energy Efficiency

| | Varena ENTRY | iLifestyle PROFESSIONAL | Sun Ray RF CONNECTED |
|---|:---:|:---:|:---:|
| Open Window Technology for energy savings | ✓ | ✓ | ✓ |
| PID Intelligent Control accurate to 0.2°C | ✓ | ✓ | ✓ |
| Triac Switching for long life and silent control | ✓ | ✓ | ✓ |
| Adaptive Start function for energy savings | ✓ | ✓ | ✓ |
| Ecologically friendly mineral heat transfer fluid | ✓ | ✓ | ✓ |

## Controllability

| | Varena ENTRY | iLifestyle PROFESSIONAL | Sun Ray RF CONNECTED |
|---|:---:|:---:|:---:|
| Voice Control via Amazon Alexa and Google Home | ⊖ | ✓ | ✓ |
| Remote control through App | ⊖ | ✓ | ✓ |
| Direct control via TFT screen | ✓ | ✓ | ✓ |

## Key Features

| | Varena ENTRY | iLifestyle PROFESSIONAL | Sun Ray RF CONNECTED |
|---|:---:|:---:|:---:|
| Landlord Mode for greater control | ⊖ | ⊖ | ✓ |
| Password protected controls | ⊖ | ⊖ | ✓ |
| Lockable controls | ✓ | ✓ | ⊖ |
| Manual Boost | ✓ | ✓ | ✓ |

## Data Sources

| | Varena ENTRY | iLifestyle PROFESSIONAL | Sun Ray RF CONNECTED |
|---|:---:|:---:|:---:|
| LOT 20 Eco Design Compliant programmable controls | ✓ | ✓ | ✓ |
| Built-in consumption meter | ⊖ | ✓ | ✓ |
| Built-in fault detection | ✓ | ✓ | ✓ |

Sun Ray RF
**CONNECTED**

iLifestyle
**PROFESSIONAL**

Varena
**ENTRY**

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# Electric Heating Products

**Electric heating is cheaper to install than gas, has no maintenance costs and lasts for up to 50% longer than the average gas boiler.**

**(Electric.ie)**

# What is Radiant Heating

Radiation is a method of heat transfer used in many electrical heating products.

## How it Works

These products emit **electrical energy** in a way that heats objects and surfaces without affecting the air in between.

Radiant heating does not heat spaces, but rather its energy **heats up people and objects directly.**

## Did you Know?

When you're enjoying the feeling of warmth on your skin when sunbathing, this is heat radiation in action!

Think about it – the sun's heat energy directly heats your body, but doesn't heat the air. That's why a cool breeze can feel most welcome on a hot day!
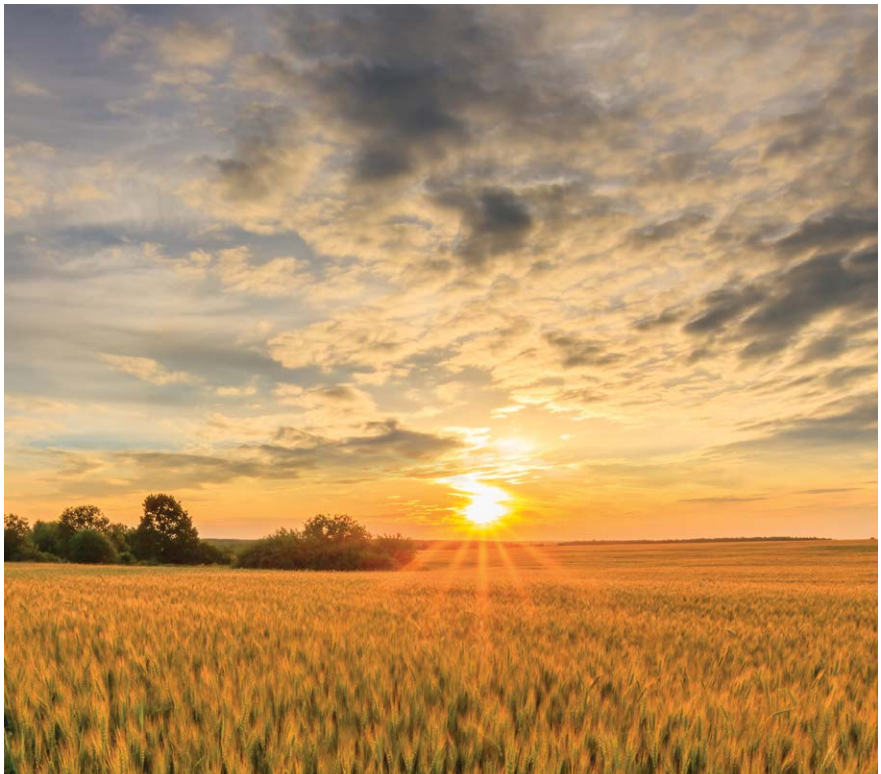


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# Next Day Delivery Across the UK*

atc

*For orders placed by 2.30pm

# ATC Electric
# **Underfloor**
# **Heating**
It's like Walking on Sunshine

**Key Features Include:**
- Luxurious comfort
- Single end connection for easy install
- Can be controlled by ATC HS500 Digital Thermostat or the Nexum RF Thermostat
- Maintenance free
- Minimises dust & air movement

Experience Luxurious comfort – electric under floor heating is an efficient and economical addition or alternative to standard heating systems. Suited to residential and hospitality settings such as bathrooms and kitchens.

## For Tiled Floors Only

The ATC range of electric underfloor heating mats should be installed by an electrician or installer who has knowledge of underfloor heating installations. The heating mats can only be installed under tiles. It is recommended that the mat is laid on an insulation board such as the F-Board. This will speed up heating time and also ensure that 97% of the heat output is upwards. Heating mats are primarily used for direct heat installations.

## Product Features

- Heating load is 160w/m²
- Mat sizes from 0.5M² through to 16.3M²
- Mats can be joined together at the thermostat
- Optional Digital thermostat available for simple and accurate control
- Minimises dust and air movement
- Must be installed on F-Board insulation board for most efficient heat output

## Warranty

- 10 year Warranty on cable mats*

* With return of completed warranty document or else 12 month warranty.

**Hospitality**     **Residential**

UK CA  CE  IEC APPROVED

## Table of Heating Mat Sizes

| Code 160W/M² | Output W | Width M | Area M² |
|---|---|---|---|
| LDTS 160/ 0,5 | 80 | 0.5 | 0.5 |
| LDTS 160/ 1 | 160 | 0.5 | 1.0 |
| LDTS 160/ 1,5 | 240 | 0.5 | 1.5 |
| LDTS 160/ 2 | 320 | 0.5 | 2.0 |
| LDTS 160/ 2,5 | 400 | 0.5 | 2.5 |
| LDTS 160/ 3 | 480 | 0.5 | 3.0 |
| LDTS 160/ 3,5 | 560 | 0.5 | 3.5 |
| LDTS 160/ 4 | 640 | 0.5 | 4.0 |
| LDTS 160/ 5 | 800 | 0.5 | 5.0 |
| LDTS 160/ 6 | 960 | 0.5 | 6.0 |
| LDTS160/ 7 | 1120 | 0.5 | 7.0 |
| LDTS160/ 8 | 1280 | 0.5 | 8.0 |
| LDTS160/ 10 | 1600 | 0.5 | 10.0 |
| LDTS160/ 11 | 1760 | 0.5 | 11.0 |
| LDTS160/ 12 | 1920 | 0.5 | 12.0 |
| LDTS160/ 13.3 | 2150 | 0.5 | 13.3 |
| LDTS160/ 16.3 | 2600 | 0.5 | 16.3 |

## Technical Details

| Model | ATC Ecofloor Underfloor Heating |
|---|---|
| Product Code | LDTS160/XX |
| Heat Cable Colour | Orange |
| Connection Cable Colour | Black |
| **Electrical Specifications** | |
| Voltage (Volts) | 230-240 Vac 1Ø |
| Frequency (Hertz) | 50 |
| Power (Watts) | 160w/M² |
| **Product Specifications** | |
| Mat Width (M) | 0.5 |
| Heating type | Direct |
| Complete with floor probe | No |
| Connection Cable length (M) | 3 |

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# ATC **HeatStat**
# Digital Thermostat

## Key Features Include:

- Touch sensitive controls
- Large easy to read LCD screen
- Automatic timer with boost mode
- Dedicated manual mode
- Switches 16A resistive load
- Comes with floor probe
- Childlock feature

The HeatStat Digital Thermostat is a multi-function digital thermostat that is easy to program and control all electric heating products, including electric underfloor heating. The large, easy to read LCD screen is controlled by touch sensitive buttons allowing many control options.

## Technical Details

| Model | HeatStat Room thermostat |
|---|---|
| Product Code | HS500 |
| Colour | White |

### Electrical Specifications

| | |
|---|---|
| Voltage (Volts) | 220-240 Vac |
| Frequency (Hertz) | 50-60 |
| Switching Capacity (Amps) | 16A Resistive, 1A Inductive |
| Control | Touch sensitive buttons |
| Double Insulated | Yes |

### Underfloor Heating

Supplied with Floor probe for Electric Under Floor heating control

### Program Specifications

| | |
|---|---|
| Program Type | 4 On / Off per day |
| Program Days | 5 & 2, 6 & 1, 7, Off |
| Control Type | Floor / Room / Floor & Room |
| Open Window Control | Yes |
| Manual Mode | Yes |
| Holiday Mode | Yes |
| Childlock Mode | Yes |
| Automatic Timer with Boost Mode | Yes |
| Temperature Range (Adjustment) | 5° to 35°C |

### Mounting and Installation

| | |
|---|---|
| Installation | Wall Mounted |
| Dimensions ( HxWx D) mm | 86 x 86 x 16 |
| IP Rating | 20 |

EcoDesign Lot 20 Compliant

UKCA  CE

Saving Energy Reducing the Carbon Footprint

1 YEAR WARRANTY

# ATC **Nexum RF** Connected Thermostat

## Key Features Include:

- Thermostat Function to control indoor temperature
- Compatible with most electrical underfloor heating brands and floor sensors
- Compatible with immersion heaters, outdoor hearting and panel heaters
- Flexible programmming – 30 or 60 minute intervals
- Pin code key lock

The Nexum is an RF connected digital thermostat which offers full controllability of any electric heating product, from underfloor heating to water heaters to panel heaters. Perfect for both commercial and domestic applications.

## Technical Details

| | |
|---|---|
| Model | ATC Nexum RF connected thermostat |
| Product Code | RF-STAT |
| Colour | White |

### Electrical Specifications

| | |
|---|---|
| Voltage (Volts) | 220-240 Vac |
| Frequency  (Hertz) | 50-60 |
| Switching Capacity (Amps) | 16 (Resistive) 1 (Inductive) |
| Power (Watts) | 3600 Max |
| Control | Touch sensitive buttons |
| Insulation Class | CL.II |
| Communication | Yes,  RF Gateway required |

### Program Specifications

| | |
|---|---|
| Program Type | up to 48 On off per day (30 min Blocks) |
| Program Days | 5 & 2, 6 & 1, 7, Off |
| Control Type | Room, Room and Floor, Floor only |
| Timer mode | Yes - No Temperature Control on / off only |
| Open Window Control | Yes |
| Adaptive start | Yes |
| Boost | Yes |
| Manual Mode | Yes |
| Holiday mode | Yes |
| Runback / Landlord mode | Yes |
| °C or °F | Yes |
| Controls lock | Yes , with or without pin code |
| Works With Amazon Alexa | Yes (When connected to RF Gateway) |
| Works With Google assistant | Yes (When connected to RF Gateway) |
| Works with other floor probes (NTC@25°C) | Yes, 6.8kΩ, 10kΩ, 12kΩ, 15kΩ, 33kΩ, 47kΩ |
| Comes Complete with floor probe | Yes |

### Mounting and Installation

| | |
|---|---|
| Installation | Wall mounted, 35mm recessed or Surface box required |
| Dimensions ( HxWx D) mm | 86 x 86 x 16 |
| IP Rating | 20 |

EcoDesign Lot 20 Compliant

UKCA

CE

Saving Energy Reducing the Carbon Footprint

1 YEAR WARRANTY

# ATC **Pacific** Heated Towel Radiators

## Ideal for bathrooms and kitchens



### Key Features Include:

- Quick and easy to install
- Fitted with pre-wired electric element
- 100% leak tested
- 2 Year long life warranty

ATC Pacific Heated Towel Radiators are modern in design and aesthetically pleasing to the eye. Manufactured with carbon steel ensuring product longevity and high quality.

## Technical Details

| Model | ATC Pacific Heated Towel Radiators | | | |
|---|---|---|---|---|
| Product Code | TRC800-500ELE300 | TRC1100-500ELE300 | TRW800-500-ELE300 | TRC800-500-MEG300 |
| Colour | Chrome | Chrome | White | Chrome |
| **Electrical Specifications** | | | | |
| Voltage (Volts) | 230-240 Vac 1Ø | 230-240 Vac 1Ø | 230-240 Vac 1Ø | 230-240 Vac 1Ø |
| Frequency (Hertz) | 50 | 50 | 50 | 50 |
| Power (Watts) | 300 | 450 | 300 | 300 |
| Running Current (Amps) | 1.3 | 1.3 | 1.3 | 1.3 |
| Insulation Class | CL.I | CL.I | CL.I | CL.I |
| Cable Entry | Left | Left | Left | Left |
| **Product Specifications** | | | | |
| Thermostat type | Fixed | Fixed | Fixed | Adjustable |
| Temperature settting | 70°C | 70°C | 70°C | 30°C-60°C in 5 steps |
| Thermal Fuse | 110°C | 110°C | 110°C | Electronically limited |
| **Mounting & Installation** | | | | |
| Installation | Wall mounted | Wall mounted | Wall mounted | Wall mounted |
| Dimensions (HxWxD) mm | 800 x 500 x 110 | 1100 x 500 x 110 | 800 x 500 x 110 | 800 x 500 x 110 |
| Weight (Kg) | 8.9 | 11.7 | 8.9 | 8.9 |
| IP Rating | X5 | X5 | X5 | X4 |

**Hospitality**

**Residential**

4
I
5
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7

800 x 500

4
I
5
I

14

1100 x 500

**2 YEAR WARRANTY**
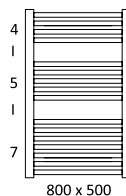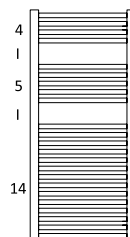
# ATC **Pacific RF**
## Towel Radiator

### Smart Heating, Simple Controllability



### Key Features Include

- On-the-go controllability via App and RF Gateway

- Simple to install, program and operate

- Large, easy to read TFT LCD display

- 4 Operating Modes: Eco, Comfort, Frost Protection, Landlord Mode

- PID Intelligent Control

- Open Window Technology

- Adaptive Start Feature

- Available in white, black or chrome

Part of the ATC Smart Range of products, the Pacific RF Towel Radiator provides smart connected heating, and has been designed to be used in conjunction with the Sun Ray RF and Merida RF heaters.

## Technical Details

| Model | ATC Pacific RF Towel Radiator | | |
|---|---|---|---|
| Product Code | RFTR780WH | RFTR780BL | RFTR780CR |
| Colour | White | Black | Chrome |
| Height (mm) | 780 | 780 | 780 |
| **Electrical Specifications** | | | |
| Voltage (Volts) | 230-240 Vac 1Ø | 230-240 Vac 1Ø | 230-240 Vac 1Ø |
| Frequency  (Hertz) | 50 | 50 | 50 |
| Power (Watts) | 300 | 300 | 300 |
| Running Current (Amps) | 1.3 | 1.3 | 1.3 |
| Insulation Class | CL.II | CL.II | CL.II |
| Cable Entry | Right | Right | Right |
| **Mounting & Installation** | | | |
| Installation | Wall mounted | Wall mounted | Wall mounted |
| Dimensions (HxWxD) mm | 780 x 500 x 120 | 780 x 500 x 120 | 780 x 500 x 120 |
| Height including controls (mm) | 860 | 860 | 860 |
| Weight (Kg) | 9 | 9 | 9 |
| IP Rating | 44 | 44 | 44 |

## Technical Details *continued*

| Model | ATC Pacific RF Towel Radiator | | |
|---|---|---|---|
| Product Code | RFTR920WH | RFTR920BL | RFTR920CR |
| Colour | White | Black | Chrome |
| Height (mm) | 920 | 920 | 920 |
| **Electrical Specifications** | | | |
| Voltage (Volts) | 230-240 Vac 1Ø | 230-240 Vac 1Ø | 230-240 Vac 1Ø |
| Frequency  (Hertz) | 50 | 50 | 50 |
| Power (Watts) | 450 | 450 | 450 |
| Running Current (Amps) | 2.0 | 2.0 | 2.0 |
| Insulation Class | CL.II | CL.II | CL.II |
| Cable Entry | Right | Right | Right |
| **Mounting & Installation** | | | |
| Installation | Wall mounted | | Wall mounted |
| Dimensions (HxWxD) mm | 920 x 500 x 120 | 920 x 500 x 120 | 920 x 500 x 120 |
| Height including controls (mm) | 1000 | 1000 | 1000 |
| Weight (Kg) | 11 | 11 | 11 |
| IP Rating | 44 | 44 | 44 |

## Technical Details *continued*

### Program Specification (For all models)

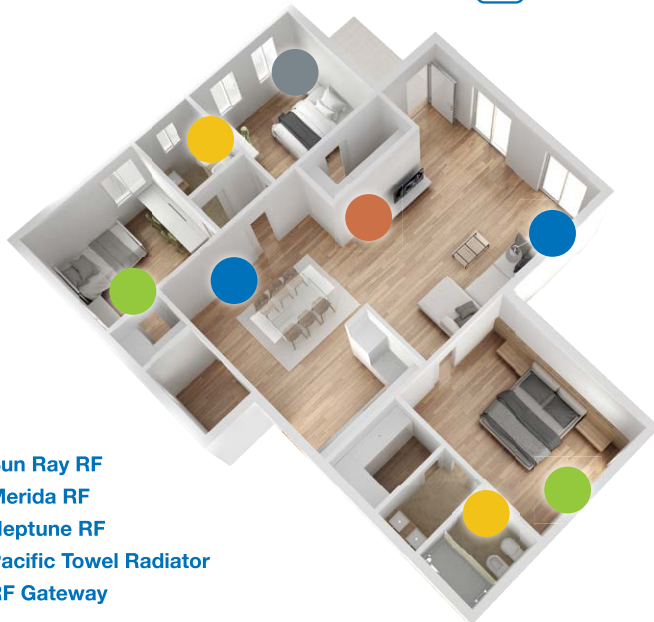| | |
|---|---|
| Program Type | up to 48 On off per day (30min Blocks) |
| Program Days | 5 & 2, 6 & 1, 7, Off |
| Open window control | Yes |
| Adaptive Start | Yes |
| Boost | Yes |
| Manual Mode | Yes |
| Holiday mode | Yes |
| Runback / Landlord mode | Yes |
| °C or °F | Yes |
| Controls lock | Yes , with or without pin code |
| Works With Amazon Alexa | Yes (When connected to RF Gateway) |
| Works With Google assistant | Yes (When connected to RF Gateway) |



**Hospitality**  **Residential**

amazon alexa    Google Assistant

EcoDesign Lot 20 Compliant    UKCA    CE    Saving Energy Reducing the Carbon Footprint    2 YEAR WARRANTY    atc Smart®

# The Smart RF Family



Hey Google, **turn on my kitchen heating.**

Mesh System

Hey Alexa, **turn on my kitchen heating.**

- **Sun Ray RF**
- **Merida RF**
- **Neptune RF**
- **Pacific Towel Radiator**
- **RF Gateway**

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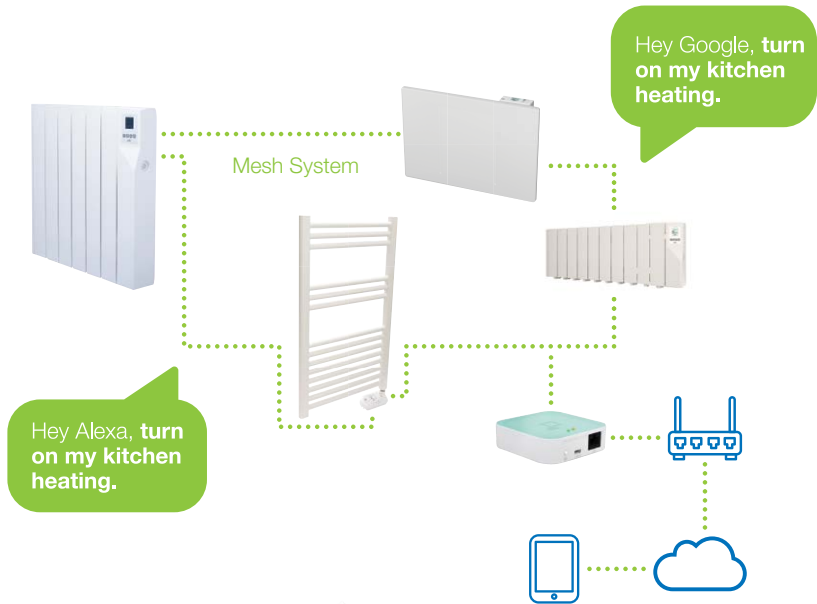
# ATC **Bavaro**
# Bathroom
# Downflow Heater

## Key Features Include:

- Easy to install
- Wall mounted
- Two power settings: 1kW & 2kW
- Pull cord operation
- Three colour neon indicator
- Electronic thermostat
- Dual safety cutouts with self resetting high level thermostat & thermal fuse

Sleek pullcord design producing a warm downflow of air to warm cold bathroom settings. Wall mounted and easy to install.

## Technical Details

| | |
|---|---|
| Model | ATC Bavaro Downflow Heater |
| Product Code | DF2000 |
| Colour | White |

### Electrical Specifications

| | |
|---|---|
| Voltage (Volts) | 230-240 Vac 1Ø |
| Frequency  (Hertz) | 50 |
| Power (Watts) | 0 / 1000 / 2000 |
| Running Current (Amps) | 0 / 4.3 / 8.7 |
| Insulation Class | CL.II |

### Product Specifications

| | |
|---|---|
| Control | Pullcord |
| Timer | Yes - 30 minute countdown timer |
| Thermostat | Fixed. 30°C at 1kW setting, 45°C at 2kW setting |
| Safety Cut-out | 2, Self resetting thermal cut-out and Thermal Fuse |

### Mounting & Installation

| | |
|---|---|
| Installation | Wall mounted only |
| Dimensions (HxWxD) mm | 265 x 255 x 133 |
| Weight (Kg) | 1.36 |
| IP Rating | 22 |



EcoDesign Lot 20 Compliant

UKCA  CE

Saving Energy Reducing the Carbon Footprint

1 YEAR WARRANTY

# ATC **Defog Heaters**

## Eliminate steamed up Mirrors

### Key Features Include:

- Self-adhesive, easy-to-fit heating pad
- Economical running costs
- Maintenance free
- Ultra slim design sits comfortably and discreetly behind mirror
- Wires into existing bathroom light fitting / fan
- Supplied with 1m cable

Say goodbye to blurred, steamy mirrors thanks to the ATC mirror defog heater. Simple to fit, highly economical to run – luxury without the price!

## Technical Details

| Model | ATC Defog Heaters | | | |
|---|---|---|---|---|
| Product Code | R-1111 | R-1121 | R-2121 | R-2141 |
| Colour | N/A | N/A | N/A | N/A |
| **Electrical Specifications** | | | | |
| Voltage (Volts) | 230-240 Vac 1Ø | 230-240 Vac 1Ø | 230-240 Vac 1Ø | 230-240 Vac 1Ø |
| Frequency (Hertz) | 50 | 50 | 50 | 50 |
| Power (Watts) | 15 | 25 | 50 | 100 |
| Running Current (Amps) | 0.07 | 0.11 | 0.22 | 0.44 |
| Insulation Class | CL.I | CL.I | CL.I | CL.I |
| Power Density (w/m²) | 200 | 200 | 200 | 200 |
| Cable length (m) | 1 | 1 | 1 | 1 |
| **Mounting & Installation** | | | | |
| Installation | Adhesive to Mirror | Adhesive to Mirror | Adhesive to Mirror | Adhesive to Mirror |
| Dimensions (HxWxD) mm | 252 x 274 x 1 | 274 x 574 x 1 | 519 x 524 x 1 | 524 x 1024 x 1 |
| Connection thickness (mm) | 5 | 5 | 5 | 5 |
| Weight (Kg) | 0.08 | 0.14 | 0.25 | 0.41 |
| IP Rating | 44 | 44 | 44 | 44 |

UK CA CE

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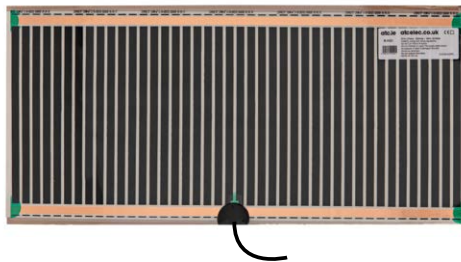
# ATC **Bathroom Range**

**A** **Heat Stat Room Thermostat & Under Floor Heating Stat**

- Room thermostat complete with floor probe
- Touch sensitive controls
- 5°C to 35°C range
- Switches 16A resistive load
- Automatic timer with boost mode
- Can be used as an under floor heating thermostat

**B** **Bavaro Downflow Heater**
IP22 Bathroom Heater

- Smart Design
- 2 Output Stages 1Kw and 2Kw
- Pull Cord Switch & LED
- 30 Minute Countdown Timer
- Dual Safety Cut-out
- IP22 – Can be installed in Bathrooms

**C** **Defog Heater**

- Eliminate steamed up Mirrors
- Simple to fit
- Low cost
- Economical to run – just 0.1 cent per hour!
- Completely safe and maintenance free

**Hospitality**   **Residential**   **Healthcare**

**D** **Pacific Heated Towel Radiators**
Chrome or White

- Quick and easy to install
- Frost resistant to -35°C
- Fitted with electric pre-wired element
- Protected by a temperature sensor
- Suitable for connection to an external timer or intelligent building system

**E** **Ecosun Under Floor Heating**
It's like walking on sunshine

- Heating load is 160w/m$^2$
- 15 mat sizes to suit various applications
- Sizes range from 0.5 m$^2$ to 16.25 m$^2$
- Mats can be joined together at the thermostat
- Easy to install single end connection

**Saving Energy
Reducing the
Carbon Footprint**

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# ATC **Welcome**
## Overdoor Heater



Infra-red remote control

### Key Features Include:
- Attractive Matt Chrome finish
- 3 settings: Cool, Half Heat and Full Heat
- Hand held Infra-red Remote Control included
- Durable design
- Contact for remote switching

The Welcome Overdoor Heater provides comfortable warm air when you enter any premises. The powerful air velocity creates a barrier to the outside cold air. Ideal option for the Commercial, Retail and Hospitality sectors, this aesthetically pleasing Overdoor Heater has some key features that differentiates it from other Overdoor heaters.

## Technical Details

| Model | Welcome Overdoor Heater |
|---|---|
| Product Code | WEL3000 |
| Colour | Silver/Black |
| Frequency (Hz) | 50 |

### Electrical Specifications

| | |
|---|---|
| Voltage (Volts) | 230-240 Vac 1Ø |
| Frequency  (Hertz) | 50 |
| Power (Watts) | 3000 / 1500 / 50 / 0 |
| Running Current (Amps) | 0/ 0.21 / 6.5 / 13 |
| Insulation Class | CL.I |

### Product Specifications

| | |
|---|---|
| Control | Onboard/ Hand Held IR Remote/ Volt free contact |
| Settings | Full Heat / Half Heat / Cool Down / Off |
| Pre-wired | 1m cable |

### Mounting & Installation

| | |
|---|---|
| Installation | Wall mounted |
| Dimensions (HxWxD) mm | 140 x 600 x 200 |
| Weight (Kg) | 7 |
| IP Rating | 20 |

**Hospitality**    **Commercial**

UK CA  CE  2 YEAR WARRANTY

# ATC **Low Temperature**
Radiant Ceiling Heaters

## Key Features Include:

- Energy efficient & low energy costs
- Draught and noise free
- Ceiling mounting allows flexible use of floor and wall space
- Designed for quick and easy installation on suspended ceilings
- Bracket supplied for easy mounting onto conventional ceiling
- Attractive white finish
- Two panel sizes available

Providing an economical and draught free means of heating in commercial premises, the ATC low temperature radiant ceiling heaters provide radiant warmth from above, designed to free up wall space that is both out of sight and out of reach.

## Technical Details

| Model | ATC Ecosun Low Temperature Radiant Panels | |
|---|---|---|
| Product Code | E300u | E600u |
| Colour | White | White |

### Electrical Specifications

| | | |
|---|---|---|
| Voltage (Volts) | 230-240 Vac 1Ø | 230-240 Vac 1Ø |
| Frequency (Hertz) | 50 | 50 |
| Power (Watts) | 300 | 600 |
| Running Current (Amps) | 1.3 | 2.6 |
| Insulation Class | CL.I | CL.I |

### Mounting & Installation

| | | |
|---|---|---|
| Installation | Ceiling / Surface* | Ceiling / Surface* |
| Dimensions (HxWxD) mm | 30 x 592 x 592 | 30 x 592 x 1192 |
| Weight (Kg) | 5 | 10 |
| IP Rating | 44 | 44 |

* Ceiling Grid or Surface mounted, (Supplied with Ceiling Bracket)
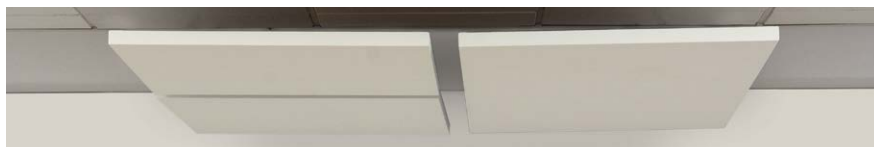


### Low Temp Heater:

Easy control via the HeatStat Room Thermostat



UK CA CE

### Design Facility

We are committed to providing comprehensive technical support for all your radiant ceiling heating projects. We now offer the most comprehensive design service yet. Simple sketches and dimensions can be converted into a professional drawing plan and quotation. All plans can be electronically sent and received for maximum efficiency e-mail: **sales@atcelec.co.uk**

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# ATC **High Temperature**
Radiant Ceiling Heaters

## Key Features Include:

- Energy efficient
- Draught and noise free
- Can be ceiling or wall mounted with optional tilt wall brackets
- Optional protective grille available
- Attractive finish
- Three panel heat outputs available: 1800W, 2400W, 3600W

Providing an economical and draught free means of heating in commercial, agricultural and industrial premises.

## Technical Details

| Model | ATC Ecosun High Temperature Radiant Panels | | |
|---|---|---|---|
| Product Code | S18-PLUS | S24-PLUS | S36-PLUS |
| Colour | White / Grey | White / Grey | White / Grey |

### Electrical Specifications

| | | | |
|---|---|---|---|
| Voltage (Volts) | 230-240 Vac 1Ø | 230-240 Vac 1Ø | 380-415 Vac 3Ø |
| Frequency (Hertz) | 50 | 50 | 50 |
| Power (Watts) | 1800 | 2400 | 3600 |
| Running Current (Amps) | 7.8 | 10.4 | 5 (per Ø) |
| Insulation Class | CL.I | CL.I | CL.I |

### Mounting & Installation

| | | | |
|---|---|---|---|
| Installation | Ceiling / Wall* | Ceiling / Wall* | Ceiling / Wall* |
| Dimensions (HxWxD) mm | 60 x 250 x 1500 | 60 x 250 x 1500 | 60 x 350 x 1500 |
| Weight (Kg) | 9.9 | 9.9 | 13.9 |
| IP Rating | X4 | X4 | X4 |

* Wall mounted with optional separate bracket

## Ecosun Accessories

| Code | Ecosun Accessories |
|---|---|
| 5401785 -PLUS | Tiltable Wall Brackets for S18, S24 & S36 Heaters |
| 5401792 | Protective Grille for S18 & S24 Ecosun Heater |
| 5401794 | Protective Grille for S36 for Ecosun Heater |

## Design Facility

We are committed to providing comprehensive technical support for all your radiant ceiling heating projects. We now offer the most comprehensive design service yet. Simple sketches and dimensions can be converted into a professional drawing plan and quotation. All plans can be electronically sent and received for maximum efficiency e-mail: **sales@atcelec.co.uk**

UK CA CE

# ATC **Hot Top** Long Wave Radiant Heater

## Discreet heating without light or glare

### Key Features Include:

- Low profile aluminium finish
- Exceptional heat output
- Choose from 1800W or 2400W
- Silent Operation
- Discreet without any light or glare
- IP55 High Performance Protection
- Brackets and 3m Cable supplied

The ATC Hot Top Radiant Heater uses Long Wave technology to create a new experience in heating, offering a discreet presence without any light or glare. Specifically for use in partially covered outdoor areas.

## Technical Details

| Model | ATC Hot Top Long Wave Radiant Heater | |
|---|---|---|
| Product Code | 9818 | 9824 |
| Colour | Black | Black |
| **Electrical Specifications** | | |
| Voltage (Volts) | 230-240 Vac 1Ø | 230-240 Vac 1Ø |
| Frequency (Hertz) | 50 | 50 |
| Power (Watts) | 1800 | 2400 |
| Running Current (Amps) | 7.8 | 10.4 |
| Insulation Class | CL.I | CL.I |
| **Mounting & Installation** | | |
| Installation | Wall or Ceiling | Wall or Ceiling |
| Dimensions (HxWxD) mm | 80 x 201 x 1010 | 80 x 201 x 1010 |
| Weight (Kg) | 6.4 | 6.4 |
| IP Rating | 55 | 55 |



1800 W
9818

2400 W
9824
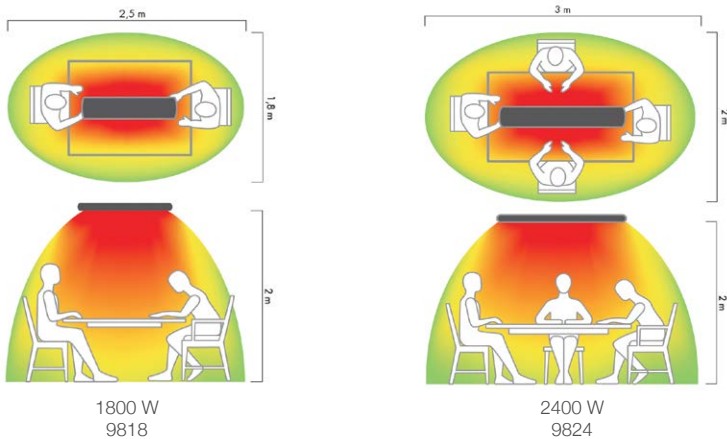
Temperature by Proximity to Heater

+5   +10   +16

# Outdoor Heating Range

**RETURN TO INDEX**

# ATC **Alfresco** Outdoor Infrared Electric Heaters

## Key Features Include:
- Easy to install
- Low running costs
- Even spread of instant heat
- Weatherproof IP55
- Silent running
- Wall bracket included
- Portable stand (optional)
- Time lag controller (optional)

An energy efficient, short wave infrared heater that can be used even in wet conditions, ideal for use in residential or hospitality settings.

## Technical Details

| Model | ATC Alfresco Outdoor Infrared Electrical Heaters | |
|---|---|---|
| Product Code | ALH1800 | ALH1800-P-TRI |
| Colour | Black | Black |
| **Electrical Specifications** | | |
| Voltage (volts) | 230-240 Vac 1Ø | 230-240 Vac 1Ø |
| Frequency (Hertz) | 50 | 50 |
| Power (Watts) | 1800 | 1800 |
| Running Current (Amps) | 7.8 | 7.8 |
| Insulation Class | CL.I | CL.I |
| Lamp Type | Tungsten Quartz | Tungsten Quartz |
| Emmission | IR-A | IR-A |
| **Product Specifications** | | |
| Mounting Height (M) | 2.3 | 1.8-2.1 on tripod |
| Heating Area (M²) | 6 | 6 |
| Minimum Cable size | 3 x 1.5² | 3 x 1.5² |
| Supplied with or without cable | Without | With (4M) – Prewired with plug |
| Supplied with integral switch | No | Yes |
| Dimmable (With Controller) | Yes | Yes |
| With / Without grill | With | With |
| Compatible with Tripod | No | Yes |
| Vertical Mounting | No | No |
| Replaceable Lamp | Yes | Yes |
| Supplied with hanging chain | Yes | No |
| **Mounting & Installation** | | |
| Installation | Wall / Ceiling Hanging | Free Standing |
| Dimensions (HxWxD) mm | 120 x 830 x 38 | 120 x 830 x 38 |
| Tripod height (M) | N/A | 2.1 |
| Clearance Required above (mm) | 300 | 300 |
| Weight (Kg) | 1.7 | 12.5 |
| IP Rating | 55 | 55 |

**Commercial**   **Hospitality**   **Residential**   **Sports & Leisure**

UKCA  CE  Saving Energy Reducing the Carbon Footprint  2 YEAR WARRANTY

\* Lamps are consumables and not covered under warranty

# ATC **Riviera** Outdoor Quartz Infrared Electric Heaters



Image shows 4kW Riviera Heater

## Key Features Include:

- Easy to install
- Low running costs
- Even spread of instant heat
- Weatherproof IP55
- Silent running
- Available in silver and black
- Multiple mounting heights
- Multiple mounting options
  – wall, ceiling, hung

A high performance infrared electric heater that is suitable for many applications, industries and environments. Unique in their mounting abilities – can be wall or ceiling mounted, or hung from a height to provide heat in unusual locations.

## Technical Details

| Model | Riviera 2000W | Riviera 4000W | Riviera 6000W |
|---|---|---|---|
| Product Code | RIV200 \| RIV200-SL | RIV400 \| RIV400-SL | RIV600 \| RIV600-SL |
| Colour | Black \| Silver | Black \| Silver | Black \| Silver |
| **Electrical Specifications** | | | |
| Power output (Watts) | 2000 | 4000 | 6000 |
| Voltage | 220-240 | 220-240 | 220-240 |
| Frequency (Hertz) | 50-60 | 50-60 | 50-60 |
| Current (Amps) | 9 | 18 | 3 x 9 |
| Lamps | 1 | 2 | 3 |
| Lamp Arrangement | Single | Stacked Vertically | Stacked Vertically |
| Lamp type | Gold | Gold | Gold |
| Emmission | IR-A | IR-A | IR-A |
| **Mounting and Installation** | | | |
| Installation | Wall/Ceiling/Hanging | Wall/Ceiling/Hanging | Wall/Ceiling/Hanging |
| Mounting height | 2.5-3 | 3-4 | 3-4 |
| Heating Area (M²)* @45° | 10 | 24 | 32 |
| Heating Area (M²)* when hung | 10 @ 3m | 32 @ 4m | 48 @ 4m |
| Minimum cable size | 3 x 1.5² | 3 x 2.5² | 5 x 1.5² |
| Supplied with or without cable | Without | Without | Without |
| Lamps switchable or all together | N/A | All Together | All Together |
| Dimmable (With controller) | Yes | Yes | Yes |
| With/without grill | With | With | With |
| **Dimensions & Weight** | | | |
| Dimensions ( HxWx D) mm | 235 x 496 x 313 | 375 x 496 x 313 | 515 x 496 x 313 |
| Weight (Kg - Nett) | 2.2 | 3.0 | 3.8 |
| IP Rating | IP55 | IP55 | IP55 |

**Commercial**  **Hospitality**  **Residential**  **Sports & Leisure**

UK CA  CE  Saving Energy Reducing the Carbon Footprint  2 YEAR WARRANTY

* Lamps are consumables and not covered under warranty

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# ATC **Sienna** Outdoor Quartz Infrared Electric Heaters



Image shows 2.2kW Sienna Heater

## Key Features Include:

- Easy to install – wall mounted only
- Low running costs
- Even spread of instant heat
- Weatherproof IP55
- Silent running
- Available in silver and black
- 2.2kW models come complete with protective grill
- Pre-wired with cable (5m on 2.2kW and 1.5m on 4kW)

High performance, superior finished infrared outdoor heater fitted with low glare lamps to provide a comfortable level of heat. Suitable for a large range of applications, such as commercial, hospitality and sports & leisure.

## Technical Details

| Model | Sienna 2200 | Sienna 4000 |
|---|---|---|
| Product Code | SIE2.2KW-BL \| SIE 2.2KW-SL | SIE4KW-BL\| SIE4KW-SL |
| Colour | Black \| Silver | Black \| Silver |
| **Electrical Specifications** | | |
| Power output (Watts) | 2200 | 4000 |
| Voltage | 220-240 | 220-240 |
| Frequency (Hertz) | 50-60 | 50-60 |
| Current (Amps) | 10 | 18 |
| Lamps | 1 | 2 |
| Lamp Arrangement | Single | Stacked Vertically |
| Lamp type | Low Glare | Low Glare |
| Emmission | IR-A | IR-A |
| **Mounting and Installation** | | |
| Installation | Wall (@45° Only) | Wall (@45° Only) |
| Mounting height | 2.7 - 3m | 3-3.5m |
| Heating Area (M²)* @45° | 10 - 15 | 20 - 32 |
| Minimum cable size | 3 x 1.5² | 2x (3 x 1.5²) |
| Supplied with or without cable | With (5m) | With (2 x 1.5m) |
| Lamps switchable or all together | N/A | Separate supplies for each lamp |
| Dimmable ( With controller) | Yes | Yes |
| **Dimensions & Weight** | | |
| Dimensions ( HxWx D) mm | 195 x 465 x 113 | 195 x 910 x 113 |
| Weight (Kg - Nett) | 2.45 | 4.05 |
| IP Rating | IPX5 | IPX5 |

**Commercial**    **Hospitality**    **Residential**    **Sports & Leisure**

UK CA    CE    Saving Energy Reducing the Carbon Footprint    **2** YEAR WARRANTY

* Lamps are consumables and not covered under warranty

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**RETURN TO INDEX**

# Optional Mounting Brackets

Sienna Outdoor Optional Mounting Brackets

SIE-BL66-Pole
SIE-SL66-Pole
SIE-BL100-Pole
SIE-SL100-Pole

SIE-CI41-Short-Hook
SIE-SL41-Short-Hook

SIE-CI41-Long-Hook
SIE-SL41-Long-Hook
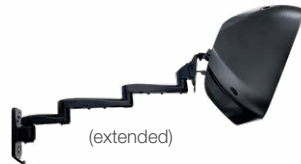
SIE-CI100-Tri
SIE-SL100-Tri

SIE-CI-Standard
SIE-SL-Standard

(closed)

SIE-BL-Expand-Bracket
SIE-SL-Expand-Bracket

(extended)

| Product Code | Description | Colour | Dimensions |
|---|---|---|---|
| SIE-BL66-Pole | Pole Bracket. Opens up to 66mm | Black | 34-66mm diameter |
| SIE-SL66-Pole | Pole Bracket. Opens up to 66mm | Silver | 34-66mm diameter |
| SIE-BL100-Pole | Pole Bracket. Opens up to 100mm | Black | 70-100mm diameter |
| SIE-SL100-Pole | Pole Bracket. Opens up to 100mm | Silver | 70-100mm diameter |
| SIE-CI41-Short-Hook | 150mm Hook for under awnings and parasols. Opens up to 41mm | Cast Iron | 150 x 50 x 47mm |
| SIE-SL41-Short-Hook | 150mm Hook for under awnings and parasols. Opens up to 41mm | Silver | 150 x 50 x 47mm |
| SIE-CI41-Long-Hook | 300mm Hook for under awnings and parasols. Opens up to 41mm | Cast Iron | 300 x 50 x 47mm |
| SIE-SL41-Long-Hook | 300mm Hook for under awnings and parasols. Opens up to 41mm | Silver | 300 x 50 x 47mm |
| SIE-CI100-Tri | Triple bracket for 3 heaters on Pole with Hinged opening Max 100mm pole | Cast Iron | 40-130mm diameter |
| SIE-SL100-Tri | Triple bracket for 3 heaters on Pole with Hinged opening Max 100mm pole | Silver | 40-130mm diameter |
| SIE-CI-Standard | Standard bracket | Cast Iron | 150 x 90 x 30mm |
| SIE-SL-Standard | Standard bracket | Silver | 150 x 90 x 30mm |
| SIE-BL-Expand-Bracket | Expanding Wall Bracket | Black | 500 x 40 x 40mm |
| SIE-SL-Expand-Bracket | Expanding Wall Bracket | Silver | 500 x 40 x 40mm |



Standard bracket

Extendable bracket closed



Extendable bracket open

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# ATC **Bluetooth** Heating Controller

## Key Features Include:
- Controls radiant heaters up to 4.4kW
- Easy-to-use app available on App Store & Google Play
- Delay off timer feature
- Zone control when using multiple controllers
- Separate IR remote provides 5-step control

The Bluetooth Heating Controller allows total control of radiant heating such as the full ATC Outdoor Heating Range, up to 4.4kW. Controllable via app or remote control.

## Technical Details

| | |
|---|---|
| Product Code: | INFRA4400 |
| Electrical Supply: | 220 – 240vAC 50/60 Hz Single phase |
| Max Rating: | 4.4kW |
| Control Type: | 0-100% Variable output (Bluetooth) |
| | 5 Step (IR Control) |
| Dimensions: | 195 x 118 x 63mm (whd) |
| IP Rating: | IP56 |
| Connections: | 3x L/N/E 4mm² Screw Connections |
| | 1x Supply, 2x Output Joined |
| Soft Start | Yes |

**Commercial**    **Hospitality**    **Residential**    **Sports & Leisure**
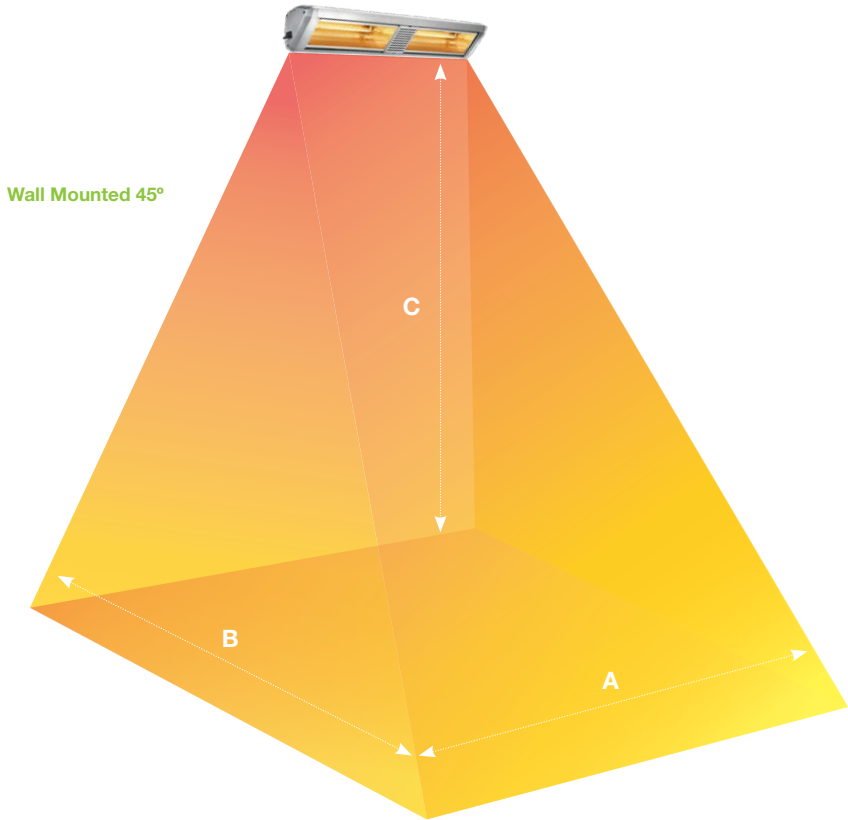
In cases where Bluetooth is not used, the INFRA4400 comes with a separate IR remote providing 5-step control.

UK CA CE

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# Heating Area Sienna

Heating Area m$^2$



**Wall Mounted 45º**

| Model | Wall Mounted 45º | | |
|---|---|---|---|
| | A | B | C |
| SIE2.2KW | 5 | 3 | 3 |
| SIE4KW | 8 | 4 | 4 |

**It is recommended to install Outdoor radiant heaters protected from strong breezes or crosswinds. Based on average ambient temperature of 10°C.**
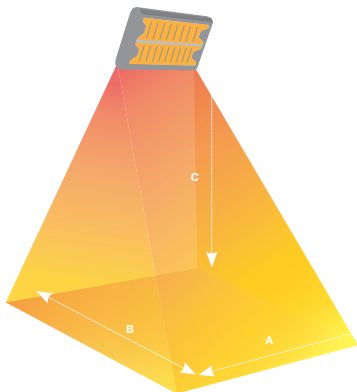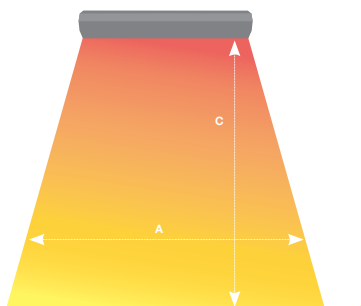
# Heating Area Riviera
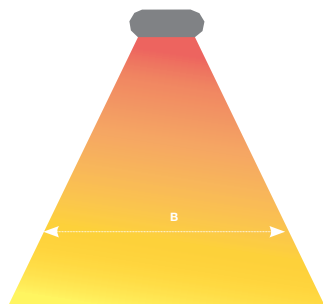
Heating Area m$^2$

## Wall Mounted 45°



| Model | Wall Mounted 45° | | |
|-------|---|---|---|
| | A | B | C |
| RIV200 | 5 | 2 | 3 |
| RIV400 | 8 | 3 | 4 |
| RIV600 | 8 | 4 | 4 |

## Ceiling Mounted



Side View

| Model | Ceiling Mounted | | |
|-------|---|---|---|
| | A | B | C |
| RIV200 | 5 | 2 | 3 |
| RIV400 | 8 | 4 | 4 |
| RIV600 | 8 | 6 | 4 |



End View

**It is recommended to install Outdoor radiant heaters protected from strong breezes or crosswinds. Based on average ambient temperature of 10°C.**
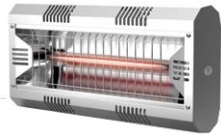
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# Cost Savings

## Alfresco Cost Savings

Annual Energy Cost: **£834.00**
Annual $CO_2$ Output: **578kg**

VS

Annual Energy Cost: **£7463.00**
Gas Annual $CO_2$ Output: **5244kg**

**Savings per Year: £6629.00\***

---

## Riviera Cost Savings

Annual Energy Cost: **£931.00**
Annual $CO_2$ Output: **642kg**

VS

Annual Energy Cost: **£7463.00**
Gas Annual $CO_2$ Output: **5244kg**

**Savings per Year: £6532.00\***

---

## Sienna Cost Savings

Annual Energy Cost: **£1862.00**
Annual $CO_2$ Output: **1284kg**

VS

Annual Energy Cost: **£7463.00**
Gas Annual $CO_2$ Output: **5244kg**

**Savings per Year: £5601.00\***

*Based on heaters operating 7 days @ 6 hours per day, 42 weeks per year. Figures correct as of Aug 2022. Calculations made based on Alfresco/ 2kW Riviera/ 4kW Sienna heaters at energy cost of 26.4p / kW. Gas Heaters burning 1.1kg gas / hour, with price of 13kg bottle @ £50.

The **Riviera** heaters are very good and give off excellent heat. It was really helpful that we could hang the 4 Kw in the marquee which gives of excellent heat and creates a lovely atmosphere. **PM**

The six **Sienna** heaters that we installed on the balcony of the Clubhouse have gone down a treat with the members. It has transformed the area as the members are much happier dining outside in the nice warm area. I think some of them might be in touch themselves for their houses. **JB**

# Look at what people are saying about
# **ATC Outdoor Heating**

The **Alfresco Portable** heat is a god send for the balcony in our apartment. Just plug it in and the whole balcony is warm. **CD**

Due to recent restrictions, we needed to transform our outdoor area so we could maximise our space and keep our staff and patrons safe and warm. The **Alfresco** heaters suited the job perfectly and were extremely cost effective. **TH**

# Water Heaters and Boilers

# ATC **Pacific** Under Sink Water Heaters

W5-U

W10-U

## Key Features Include:

- Includes pressure relief valve for safe and easy installation
- Energy efficient
- Available in 2 sizes:  5L & 10L
- Power indicator light
- External adjustable thermostat control
- Includes wall bracket
- Comes with protective anode rod for maximum tank life
- Quick recovery element

**Ideal for:** Offices, Canteens, Mobile Homes, Apartments and Workshops

This compact undersink water heater is the ideal solution for commercial applications and can supply a number of sinks, depending on hot water demand, without the need for special taps. A cost effective solution compared to traditional vented systems.

## Technical Details

| Product Code | W5-U | W10-U |
|---|---|---|
| Capacity (L / Gal) | 5L / 1.1Gal | 10L / 2.2Gal |
| Power Watts (W) | 2000W | 2000W |
| Voltage (V) | 220-240V | 220-240V |
| Frequency (Hz) | 50 / 60 Hz | 50 / 60Hz |
| Max Pressure (Bar) | 8 Bar | 8 Bar |
| Connections | 1/2" | 1/2" |
| Thermostat | External | External |
| Approvals | UKCA, CE, RoHs | UKCA, CE, RoHs |
| ERP Class | B | B |
| IP Rating | IPX4 | IPX4 |

### Dimensions

**W5-U**

| Height **A** | 285mm |
|---|---|
| Width **B** | 240mm |
| Depth **C** | 240mm |

**W10-U**

| Height **A** | 300mm |
|---|---|
| Width **B** | 340mm |
| Depth **C** | 330mm |

### Expansion Vessels for Water Heaters

| Code | Description | Box Qty |
|---|---|---|
| KIT-A | 2L Expansion Vessel with 1/2 " BSP for 5L, 10L & 15L Water Heaters | 1 |
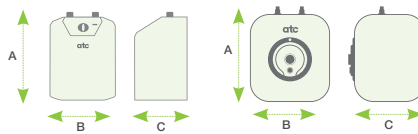
### Recommended Selection Guide

| Capacity of Water Heater | Number of Basins | Heat up time |
|---|---|---|
| 5 litres | 1 – 2 | 5 Litres – 11 mins* |
| 10 litres | 2 – 3 | 10 Litres – 19 mins* |
| 15 litres | 3 – 4 | *10° to 65°C |

Note: These figures are for guidance only.

Commercial    Hospitality    Residential    Sports & Leisure    Education    Healthcare

UKCA  CE  2 YEAR WARRANTY

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# ATC **Pacific** Under Sink Water Heaters



W15-U

## Key Features Include:

- Includes pressure relief valve for safe and easy installation
- Energy efficient
- Power indicator light
- External adjustable thermostat control
- Includes wall bracket
- Comes with protective anode rod for maximum tank life
- Quick recovery element

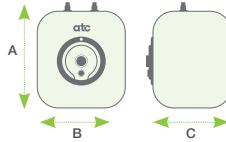**Ideal for:** Offices, Canteens, Mobile Homes, Apartments and Workshops

## Technical Details

| | |
|---|---|
| Product Code | W15-U |
| Capacity (L / Gal) | 14L / 3 Gallons |
| Power Watts (W) | 2500W |
| Voltage (V) | 220-240V |
| Frequency (Hz) | 50 / 60 Hz |
| Max Pressure (Bar) | 8 Bar |
| Connections | 1/2" |
| Thermostat | External |
| Approvals | UKCA, CE, RoHs |
| ERP Class | B |
| IP Rating | IPX4 |

### Dimensions

**W15-U**

| | | |
|---|---|---|
| Height **A** | 337mm | |
| Width **B** | 364mm | |
| Depth **C** | 354mm | |

### Expansion Vessels for Water Heaters

| Code | Description | Box Qty |
|---|---|---|
| KIT-A | 2L Expansion Vessel with 1/2 " BSP for 5L, 10L & 15L Water Heaters | 1 |

### Recommended Selection Guide

| Capacity of Water Heater | Number of Basins | Heat up time |
|---|---|---|
| 5 litres | 1 – 2 | 14 litres - 22 mins* |
| 10 litres | 2 – 3 | *10° to 65°C |
| 15 litres | 3 – 4 | |

Note: These figures are for guidance only.

Commercial    Hospitality    Residential    Sports & Leisure    Education    Healthcare
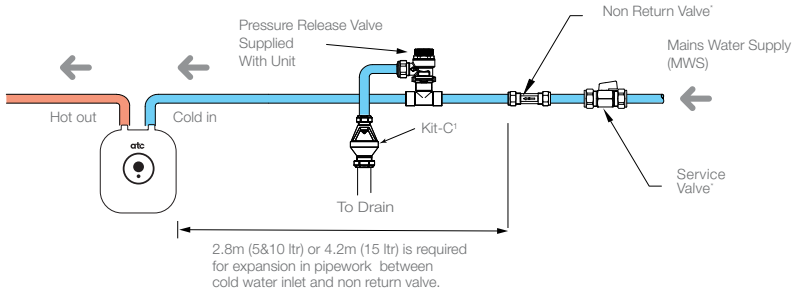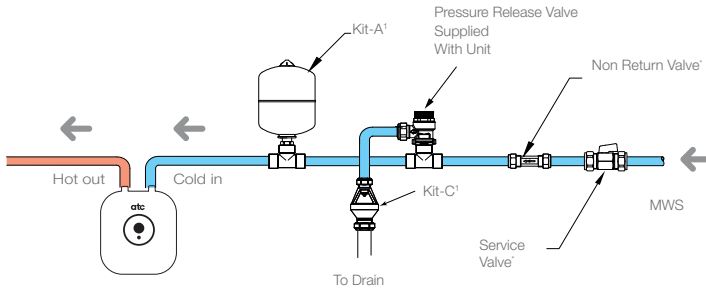
UK CA    CE    2 YEAR WARRANTY

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# Installation Information

Installation of commercial unvented water heaters and kit options
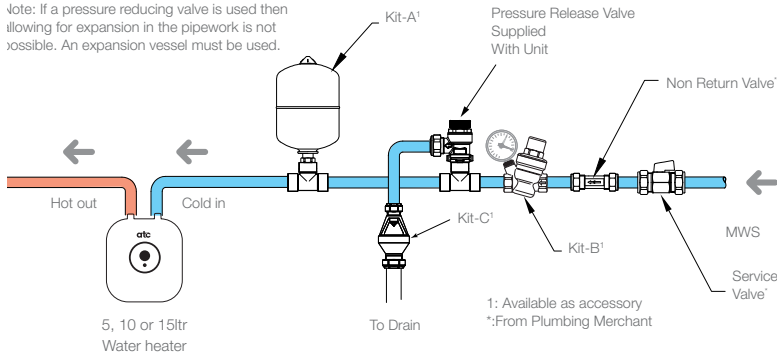
## For Inlet water pressure up to 4.1 bar.



Pressure Release Valve Supplied With Unit

Non Return Valve*

Mains Water Supply (MWS)

Hot out

Cold in

Kit-C[1]

Service Valve*

To Drain

2.8m (5&10 ltr) or 4.2m (15 ltr) is required for expansion in pipework between cold water inlet and non return valve.

## For Inlet water pressure up to 4.1 bar where expansion in the mains is not possible.



Kit-A[1]

Pressure Release Valve Supplied With Unit

Non Return Valve*

Hot out

Cold in

Kit-C[1]

MWS

Service Valve*

To Drain

## For Inlet water pressure over 4.1 bar

Note: If a pressure reducing valve is used then allowing for expansion in the pipework is not possible. An expansion vessel must be used.



Kit-A[1]

Pressure Release Valve Supplied With Unit

Non Return Valve*

Hot out

Cold in

Kit-C[1]

Kit-B[1]

MWS

Service Valve*

5, 10 or 15ltr Water heater

To Drain

1: Available as accessory
*:From Plumbing Merchant

SAFETY VALVE MUST NEVER BE MOUNTED ON WATER HEATER ITSELF

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# Why Use ATC Unvented Water Heaters?

## Energy Efficient

- Fitted with Polyurethane Foam Insulation that reduces heat loss, which Reduces Energy consumption and ensures High Energy Efficiency

- External Thermostat Control with Economy setting for Energy Efficiency

- High performance 2KW square flange heating element which is more Durable and Efficient

## Tough and Durable

- Unique Dry Porcelain Enamel Tank lining delivers at least twice the Corrosion Resistance of ordinary glass lining

- Fitted with a Premium Protective Magnesium Anode which equalises aggressive water action and provides Extra Protection against Corrosion

## Safety

- Fitted with Thermostat and Limiting Device to protect against overheating

# ATC **Instanteneous**
# Water Heater



## Key Features Include:

- Easy to install
- Energy efficient
- ON / OFF switch – 3 heat options
- Wall mounted – reinforced bracket with internal steel bar
- External casing – made from strong ABS plastic
- Capillary thermostat
- No stored water avoiding legionella

This compact instantaneous water heater provides instant hot water for the smallest of spaces. Only heats water when required, making it a very energy efficient option.

## Technical Details

| | |
|---|---|
| Product Code | INST5.7 |
| Power | 5.7kW (2.5+3.2) |
| Voltage | 220 - 240 Vac |
| Frequency | 50/60Hz |
| Min Water Flow Rate | 2 l/m |
| Min Water Pressure | 80 kPa |
| Max Water Pressure | 0.6 Mpa |
| Water Connection | 15mm dia (1/2" BSP) |
| IP Rating | IPx4 |
| ERP Rating | B |

### Dimensions
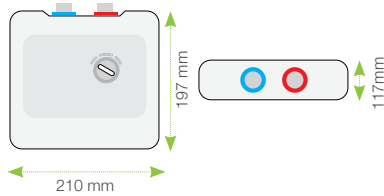
197 mm

210 mm

117mm

**Commercial**

**Hospitality**

**Residential**

**Sports & Leisure**

**Education**

**Healthcare**

1 YEAR WARRANTY

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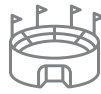
# ATC **Presto** Ecoboil Water Boiler



## Key Features Include:

- Easy to install
- Energy saving of up to 75% when compared to other conventional means of boiling water
- Wall mounted – no loose boiling water units on counter tops to prevent scalding
- Stainless steel finish – easy to keep clean, bacteria free and hygienic
- Steam free – no dangerous hot steam expelled from the unit
- Efficient filling method – saves electricity & time by filling in stages

Wall mounted, instant boiling water dispenser, perfect for locations such as offices, schools, hospitals, and factories.

## Technical Details

| Product Code | PRESTO 5S | PRESTO 7.5S |
|---|---|---|
| Capacity (litres) | 5 | 7.5 |
| Initial draw-off (180ml cups) | 30 | 45 |
| Recovery per minute (180ml cups) | 2 | 2 |
| First hour delivery (180ml cups) | 135 | 150 |
| Time for 1st cup (min) | 7 | 7 |
| Heating element (kw) | 2.0 | 2.0 |
| Min. supply pressure (kPa) | 20 | 20 |
| Max. supply pressure (kPa) | 1000 | 1000 |
| Weight | 8.5kg | 8.7kg |
| Dimensions (WxHxD) | 320 x 448 x 195 | 320 x 448 x 195 |

**Commercial**  **Hospitality**  **Residential**  **Sports & Leisure**  **Education**

UK CA  CE  1 YEAR WARRANTY

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# Heating Design Service

**RETURN TO INDEX**

# Bespoke Heating Design

At ATC we offer a comprehensive range of Heating Design Services, catering to everyone from contractors to specifiers to sector-specific clients. We strive to ensure that you're securing the best heating solutions for your new build or renovation. We have a breadth of experience working on projects across a variety of sectors including:

**Commercial**     **Hospitality**     **Residential**

**Sports & Leisure**     **Education**     **Healthcare**

## Review Criteria

It's important to review certain criteria in order to get the most energy efficient and comfortable method of heating in place.

These include:
- Room dimensions
- Glazed areas
- Insulation levels
- Heat levels in adjacent areas

Our dedicated Heating Design Team provides a full heating design to determine the correct solution fo your building.

## What's Involved

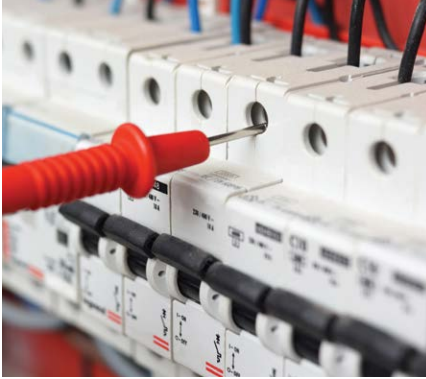To provide an accurate heating design quotation, our team of experts will...

- Calculate the area & volume of each space

- Determine the amount of energy required to heat the area

- Confirm the type and amount of heaters that should be installed

Send your CAD drawing or sketch & dimensions to **technical@atcelec.co.uk**

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# We cater to



**Contractors**



**Specifiers**



**General Public**



**Sector-Specific**

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# Brochure Range

Explore our range of eBrochures available to view online or download!



Outdoor Heating



Education Buildings Solutions



iLifestyle



Summary Brochure

**Visit atcelec.co.uk/brochures**

# Next Day Delivery Across the UK*



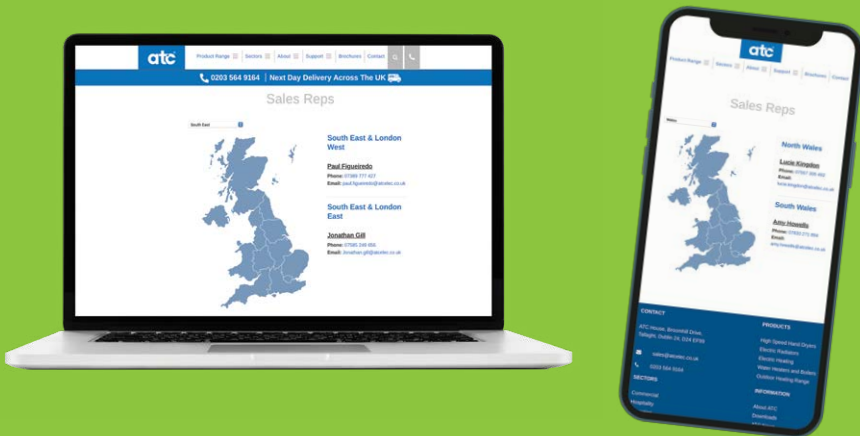0203 564 9164 | sales@atcelec.co.uk | ⊕ **atcelec.co.uk**

*For orders placed by 2.30pm

# Find your Local Sales Representative

Visit **atcelec.co.uk/contact**

Contact **sales@atcelec.co.uk** to find your local stockist

# Spare Parts Listing

| Model | Spare Part | Description |
|---|---|---|
| **Cub High Speed** | | |
| | Z-2651-PCB | Cub High Speed PCB |
| | Z-2651-ELEMENT | Cub High Speed Element |
| | Z-2651-MOTOR | Cub High Speed Motor |
| | Z-2651-BRACKET | Cub High Speed Bracket |
| | Z-2651-SENSOR | Cub High Speed Sensor |
| | Z-2651M-BRUSHES | Cub High Speed Pair of Brushes |
| | Z-2651M-COVER | Cub High Speed Matt Stainless Steel cover |
| | Z-2651BL-COVER | Cub High Speed Black Stainless Steel cover |
| | Z-2651WH-COVER | Cub High Speed White Stainless Steel cover |
| | Z-2651-FILTER | Filter for Cub High Speed Hand Dryers |
| **Cheetah** | | |
| | Z-2281-PCB2 | Cheetah PCB inc Sensor |
| | Z-2281-SENSOR | Infra Red Sensor for Cheetah hand dryer |
| | Z-2281-ELEMENT | Cheetah Element |
| | Z-2281-MOTOR | Cheetah Motor |
| | Z-2281-BRUSHES | Pair of Brushes for Cheetah motor |
| | Z-2281M-COVER | Cheetah Cover Chrome |
| | Z-2281W-COVER | Cheetah Cover White |
| **Tiger ECO** | | |
| | Z-3145-BRUSHES | Pair of Longlife Brushes for Tiger Eco Hand Dryer |
| | Z-3145-DUST | Dust Filter for Tiger ECO |
| | Z-3145-HEPA | HEPA Filter for Tiger ECO |
| | Z-3145-ELEMENT | Element for Tiger ECO Hand Dryer |
| | Z-3145M-COVER | Stainless steel cover for Tiger ECO |
| | Z-3145W-COVER | White cover for Tiger ECO |
| | Z-3145-MOTOR | Motor for Tiger ECO |
| | Z-3145-PCB | PCB for Tiger ECO complete with Sensor |
| **Puma** | | |
| | Z-2000M-PCB | Puma PCB |
| | Z-2000M-ELEMENT | Puma Element |
| | Z-2000M-MOTOR | Puma Motor |
| | Z-2000M-BRUSHES | Pair of Puma Brushes |
| | Z-2000M-COVER | Puma Cover |
| | Z-2000M-FILTER | Puma Filter |
| **Panther ECO** | | |
| | ATC-ZA01-COVER | White Cover for ZA01 Panther |
| | ATC-ZA05-COVER | Stainless steel Cover for ZA05 Panther and PANZA06 |
| | ATC-ZA05-BRUSHES | Pair of Brushes |
| | ATC-ZA05-MOTOR | ATC High Speed Hand Dryer Motor ZA01 & ZA05 Panther |

| Model | Spare Part | Description |
|---|---|---|
| **Long Life Panther** | | |
| **Panza06** | | |
| | PANZA06-BRUSHES | Pair of brushes for PANZA06 |
| | PANZA06-ELEMENT | Element - PANZA06 Panther |
| | PANZA06-HEATER | Heater - PANZA06 Panther |
| | PANZA06-PCB 2 | PCB & Sensor - PANZA06 Panther |
| | VERSION 5 - JAGUAR | PCB & Sensor - Z1000 Jaguar |
| | VERSION 6 - PANTHER | PCB & SENSORS - ZA01 & ZA05 Panther |
| | FILTER-ASSEMBLY-PLASTIC | Panther Filter incl active carbon and 3M filter |
| | HEPA-PANTHER | Hepa Filter for Panther & Steel housing |
| **Premblade15** | | |
| | PREM-PCB-MK1 | Premblade15 PCB Board for Dryers made prior to April 2019 |
| | PREM-PCB-MK2 | Premblade15 PCB Board for Dryers made after August 2019 |
| | PREM-BRUSH | Cleaning Brush for Premblade15 |
| | PREM-START-BOARD | Start Board for Premblade15 Hand Dryer |
| | PREM-STOP-BOARD | Stop Board for Premblade15 Hand Dryer |
| | PREM-ELEMENT | Premblade15 Element |
| | PREM-MOTOR | Premblade15 Motor |
| | PREM-TOPCOVER | Top Cover for Premblade15 |
| | PREM-FRONT-COVER | Front Cover for Premblade15 |
| | HEPA-FILTER-BLADES | HEPA Filter for Premblade 15 |
| | PREM-DUST-FILTER | Dust Filter for Premblade |
| | PREM-WATERTRAY | Water tray for Premblade |
| **GS-Blade** | | |
| | GS-2006H-PCB-MARK1 | PCB for ATC GS-Blade Mark 1 |
| | GS-2006H-PCB-MARK3 | PCB for ATC GS-Blade Mark 3 |
| | GS-2006H-START-BOARD | Start Board for GS-Blade Hand Dryer |
| | GS-2006H-STOP-BOARD | Stop Board for GS-Blade Hand Dryer |
| | GS-2006H-ELEMENT | Element for GS-Blade Hand Dryer |
| | GS-2006H-MOTOR | Motor for ATC GS-Blade Hand Dryer |
| | GS-2006H-FRONT COVER-SLV | Front Cover for GS-Blade Hand Dryer |
| | GS-2006H-FILTER | Filter for ATC GS-Blade |
| | GS-2006H-WATERTRAY | Water Tray for ATC GS-Blade Dryer |
| | GS-2006H-EMI-FILTER | EMI Filter for ATC GS-Blade |
| | GS-2006H-PFC-FILTER | PFC Filter for ATC GS-Blade Dryer |
| | GS-2006H-BACK COVER | Back Cover for GS-Blade Hand Dryer |
| | GS-2006H-BRACKET | Bracket for GS-2006H |

| Model | Spare Part | Description |
|---|---|---|
| **Eco-Blade** | | |
| | VERSION 4-ECOMO-22 | Round ECO-Blade& Sensor Version 4 |
| | VERSION 4-NEW-ECOMO-12 | Square ECO-Blade PCB & Sensor Version 4 |
| | HEPA-FILTER | ECO-Blade HEPA Filter |
| **Water Heating** | | |
| | W5-GASKET | Element Gasket W5-U only |
| | W10-ANODE | Magnesium Anode W5-U & W10-U |
| | W10-GASKET | Element Gasket W10-U & W15U |
| | W15-ANODE | Magnesium Anode W15-U only |
| **Presto Boilers** | | |
| | FP-ELE-2-0 | PRESTO 2KW ELEMENT |
| | FP-PCB | PRESTO PC BOARD |
| | FP-VALVKIT | PRESTO SOLENOID VALVKITS |
| | FP-TAP-O/ASS | PRESTO TAP ASSEMBLY |
| | FP-PROBE-5 | PRESTO LOW LEVEL PROBE 5LTs |
| | FP-PROBE-7-5 | PRESTO LOW LEVEL PROBE 7.5LT |
| | FP-PROBE-10 | PRESTO LOW LEVEL PROBE 10LT |
| | FP-THERMIS | PRESTO THERMISTOR |
| **Lifestyle Radiators** | | |
| | CASTORS | Pair of Castors for iLifestyle, Lifestyle & Varena |
| | LS-METAL-BRACKETS | Pair of Brackets for iLifestyle, Lifestyle & Varena |
| | LS-BRACKET-COVER | Plastic covers for Metal Brackets 1 set required per pair of brackets |
| | LS-LEFT-CASE | Lifestyle Left Plastic Casing |
| | LS-RIGHT-CASE | Lifestyle Right Case c/w Electronics |
| **iLifestyle Connected Radiators** | | |
| | CASTORS | Pair of Castors for iLifestyle, Lifestyle & Varena |
| | LS-METAL-BRACKETS | Pair of Brackets for iLifestyle, Lifestyle & Varena |
| | LS-BRACKET-COVER | Plastic covers for Metal Brackets 1 set required per pair of brackets |
| | WLS-LEFT-CASE | iLifestyle Left Plastic Casing - NO electronics |
| | WLS-RIGHT-CASE | iLifestyle Right Case c/w Electronics |
| **Varena Radiators** | | |
| | CASTORS | Pair of Castors for iLifestyle, Lifestyle & Varena |
| | LS-METAL-BRACKETS | Pair of Brackets for iLifestyle, Lifestyle & Varena |
| | LS-BRACKET-COVER | Plastic covers for Metal Brackets 1 set required per pair of brackets |
| | C43022901 | Varena Right casing c/w electronics |

| Model | Spare Part | Description |
|---|---|---|
| **RF Sun Ray Radiators** | | |
| | E0500669 | Rf Complete End Panel With Electronics (For RF500-RF1500) |
| | E0500671 | Rf Complete End Panel With Electronics (For RF1800W) |
| | E0500626 | Wf Complete End Panel With Electronics (For WF500-WF1500) |
| | E0500627 | Wf Complete End Panel With Electronics (For WF1800W) |
| | RF-BRACKETS | Single bracket for RF Radiators - 2 req 350 to 1200, 3 req for 1500& 1800 |
| | RF-FEET | Floor Mounting kit for RF Radiators |
| | RF-LOCKING-BRACKET | Metal Locking Bracket for RF models |
| | RF-KIT | 2 Plastic Wall Brackets, 1 Locking Bracket |
| | RF-SLIDING-BRACKET | RF Sliding Bracket |
| **Original Sun Ray Radiators** | | |
| | CASTORS | Pair of Castors for Original Sunray & Sunray Plus |
| | LS-METAL-BRACKETS | Pair of Brackets for Original Sunray & Sunray Plus |
| | LS-BRACKET-COVER | Plastic covers for Metal Brackets 1 set required\ per pair of brackets |
| | SEND-COMPLETE | Analogue Control Panel for Sunray C/W Electronics |
| | SPEND-COMPLETE | Sunray Plus Right Plastic Casing Assembly C/W Electronics |
| **Merida Radiators** | | |
| | MER500/750 BRACKET | MER500/750 Bracket |
| | MER1000 BRACKET | MER1000 Bracket |
| | MER1500 BRACKET | MER1500 Bracket |
| | MER2000 BRACKET | MER2000 Bracket |
| | MER-CONTROL | Merida Control Box complete |
| **Almeria DPH Panel Heaters** | | |
| | DPH500/750 ECO BRACKET | DPH500/750 Eco Bracket |
| | DPH1000-ECO BRACKET | DPH1000 Eco Bracket |
| | DPH1500-ECO BRACKET | DPH1500 Eco Bracket |
| | DPH20-ECO BRACKET | DPH2000 Eco Bracket |
| **Alfresco Outdoor Heaters** | | |
| | ALH1800-BRACKET | Wall Bracket for ALH1800 ONLY |
| | 002781 | 1800w Lamp for 767P, ALH1800 and ALH1800-P-Tri |
| | TRIPOD-ALFRESCO | Tripod for Alfresco |
| | TRIPOD-BRACKET | Bracket for Alfresco Tripod |

| Model | Spare Part | Description |
|---|---|---|
| **Varma Outdoor Heaters** | | |
| | VARMALAMP2KW-IPX5 | Halogen Lamp for all Varma IP X5 models |
| | VARMALAMP2KW | Halogen Lamp for Varma non IP models |
| **Riveria Outdoor Heaters** | | |
| | RIV2KW-Lamp | Spare Lamp for all Riviera outdoor heaters |
| | RIV200-BRACKET | Bracket for RIV200 |
| | RIV400-BRACKET | Bracket for RIV400/600 |
| | RIV - Grille | Replacement Grille for RIV Heaters |
| **Sienna Outdoor Heaters** | | |
| | SIE2.2KW-LAMP | Spare Lamp for Sienna 2.2KW |
| | SIE2.2KW-GRILLE | Replacement Grille for Sienna 2.2kw 000097401 |
| | SIE4KW-LAMP | Spare Lamp for Sienna 4KW |
| **INFRA4400** | | |
| | INFRA4400-REMOTE | Replacement remote control for INFRA4400 |
| **Welcome Overdoor Heater** | | |
| | REMOTE CONTROL | ODH Remote Control |
| **Towel Rails** | | |
| | TRC-BRACKET | Brackets for Chrome straight non RF Towel Rail |
| | TRW-BRACKET | Brackets for White straight non RF Towel Rail |
| | RFTRW-BRACKET | Brackets for White RF Towel Rail |
| **Underfloor Heating** | | |
| | ETF199 | Universal Floor Sensor for OJ & HS500 underFloor Heating Thermostats |
| | REPAIRKIT | Repair Kit for Underfloor heating mats |

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**Head Office & Showrooms:**
**ATC House,**
Broomhill Drive,
Tallaght, Dublin 24
Ireland, D24 EF99

**UK Tel:** 0203 5649164
**Fax:** 353 (1) 452 0887
**Email:** sales@atcelec.co.uk

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ECA

eHA electric Handdryer Association