

# Infrared Heating Controllers



**Infresco P - 4kW New model**

SKU: A86602



**united  
automation**



Infresco is a brand of infrared heating controllers and accessories designed by United Automation Ltd.

Infresco is designed to provide efficient and comfortable heating solutions for indoor and outdoor spaces. Infresco controllers can help you save energy, extend the life of your lamps, adjust the comfort level, control multiple heaters, and enjoy a sleek, modern design.

Whether you need a controller for your yard, garden, garage, workshop or any other area, Infresco has a model to fit your needs and preferences.

# REASONS TO BUY

- **Efficiency and Savings:** Harness the power of energy-saving technology with Infresco's advanced controllers. Our **P model**, for instance, features a built-in PIR sensor that activates your infrared heaters only when needed – be it when people are present or when the ambient temperature dips below a certain level. This translates to significant energy and cost savings.
- **Lamp Longevity:** Enhance the lifespan of your infrared lamps with Infresco's intelligent controllers. The **S model**, for instance, boasts a remote switch soft start feature, reducing inrush current and safeguarding your lamps. Enjoy up to 30% longer lamp life.
- **Customized Comfort:** Tailor your infrared heaters to your exact preferences using our feature-rich controllers. With the remote control handset, you gain the ability to adjust comfort levels and intensity, offering a range of power settings from 0% to 100%.
- **Multi-Heater Management:** Simplify control with Infresco's high-power rated controllers. Our Infresco Cabinet, housed in a cabinet, can effortlessly manage up to 18kW of infrared heaters, complete with various options and accessories. Streamline your outdoor heating experience.
- **Sleek Modern Design:** Elevate your outdoor space with style. Infresco's T model offers a sleek and modern design, featuring a capacitive touch screen for intuitive operation. Set the timer for your heaters anywhere from 1 to 60 minutes, all while adding a touch of elegance to your patio.

Invest in Infresco for unparalleled control, energy efficiency, and a touch of sophistication for your outdoor heating needs.

# APPLICATIONS



Patio areas



Shelters



Restaurants



Warehouses

# Our Ranges

## IR Power Regulator



### Series: Infresco 1.5kW

- 4 Step Power IR Regulator - Manual Control
- Fully Variable IR Regulator - Manual Control



### Infresco 4kW, 6kW

- Manual Control Version
- Remote Control Version

# Our Ranges

## PIR - Soft Start controller



**Infresco P - 4kW**

New model



**Infresco P - 6kW**

Soft Start controller

## Switch - Remote switch soft start



**Infresco S - 4kW**

New model

# Our Ranges

## Switch - Remote switch soft start



**Infresco S - 4kW**

New model



**Infresco S - 6kW**

Switch - Remote switch soft start

## Capacitive Touch



**Infresco T - 6kW**

Timer - 1-30 min push button



**Infresco T 4kW New model**

Capacitive Touch - 1-30 min push button timer

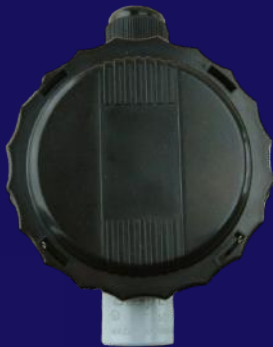
# Our Ranges

## Accessories



### Remote Control Handset

Variable Heater accessories



### Remote Temperature Sensor

Variable Heater accessories



### Internal Space Temp Sensor

(10k3A1 in wall enclosure)



### 10k NTC IP68 Rated Thermistor Sensor

Variable Heater accessories - (110c Max) 0.5m leads



# Infresco Cabinet



## What are Infresco Cabinets?

Infresco cabinets are smart controllers that can regulate the power output and temperature of infrared heating lamps. Infrared heating is a type of radiant heating that uses electromagnetic waves to transfer heat directly to objects and people, without heating the air in between. This means that infrared heating is more efficient and comfortable than conventional heating systems, such as gas, oil, or electric heaters.

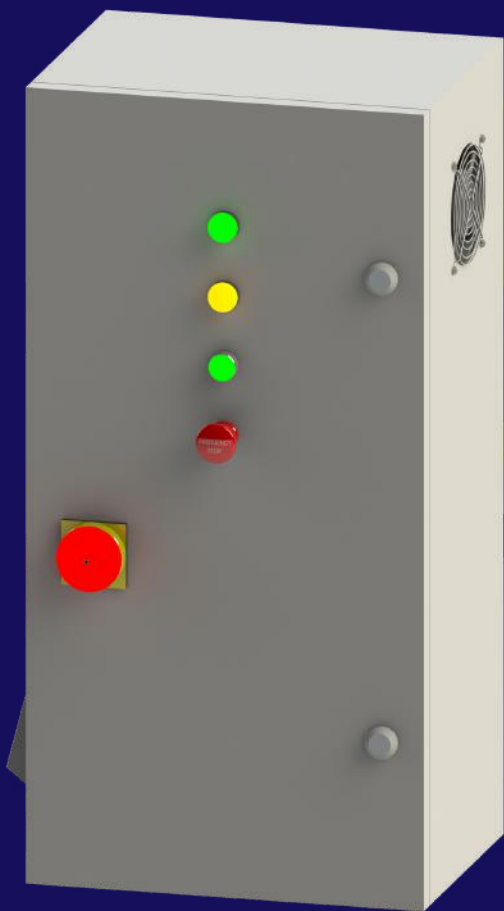
Infresco cabinets can work with infrared heating lamps of different power ratings. You can adjust the power output of the lamps by using the dimming function of the controller. You can also use various control options, such as a potentiometer, a human-machine interface (HMI), or a voltage signal from an external controller, to set the desired temperature and power level of the lamps.

Infresco cabinets can also sense the presence of people in the area and turn on or off the lamps accordingly. This way, you can avoid wasting energy and money by heating empty spaces. You can also use other sensors or switches, such as a passive infrared sensor (PIR), a black light sensor, or a timer, to activate or deactivate the lamps based on the presence of people, the amount of natural light, or the time of day.

Infresco cabinets can also control multiple zones of lamps independently. You can set different temperatures and power levels for each zone according to your needs. You can also switch between zones by using a selector switch on the controller.

# Infresco Cabinet

## Features and benefits



- Internal power filter
- Robust power isolator
- Soft start
- All-in-one unit
- Passively cooled rear heatsink
- Actively cooled internal components
- Can control individual channels (dependent on configuration)
- MCBs for protection and fast reset
- Wide range of control options (see technical specifications)

# Infresco Cabinet

## Single Zone – Single Phase



- Single-phase power in and power out
- Live, Neutral, Earth output terminal configuration
- Power distribution via terminal blocks
- 14kW or 20kW load power configurations available

# Infresco Cabinet

## Single Zone – Three Phase



- Three-phase power in and power out
- L1, L2, L3, Neutral, Earth output terminal configuration
- Power distribution via terminal blocks
- 12kW, 18kW, 36kW or 54kW load power configurations available

# Infresco Cabinet

## 3 Zones - Three Phase



- Three-phase power in
- 3x Single phase power out
- Live, Neutral, Earth output terminal configuration
- Power distribution via terminal blocks
- 12kW, 18kW, 36kW or 54kW load power configurations available

# Infresco Cabinet

## Bespoke Solutions



**The sky is the limit when considering the applications of a bespoke unit. Please do not hesitate to contact us for a quotation based on your needs.**

# Need help deciding?

If you would like additional information, please contact us.



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