



# outdoor electric radiant heating

Your energy efficient, low cost  
outdoor heating solution



Using the radiant heat principal, **atc** can provide an effective and efficient solution for tough heating applications. Electric radiant heating could be the economic answer to your outdoor and indoor heating needs.



[www.atc.ie](http://www.atc.ie)

Outdoor smoking areas

Alfresco dining

Patios

Balconies

Sidewalk cafes

Pubs & Clubs

Restaurants

Hotels

Factories

Showrooms

Stadiums

Schools

Offices

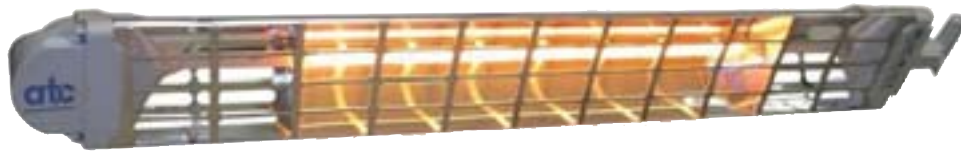
# 767P Outdoor Electric Infrared Heater IP65

The ATC 767P short wave infra red heater is the only independently approved IP65 electric outdoor heater on the market. IP65 means the heater can be exposed to wet conditions.

The heater is manufactured in Europe and is installed in many Pubs, Restaurants, Hotels and other outdoor areas where local instant heat is required. These heaters can be operated independently or in zones by direct switching or by dimmable controllers. See Controllers and Environmental Sensors section in this brochure.

The 767P is a compact 1800W heater that gives a powerful heat output.

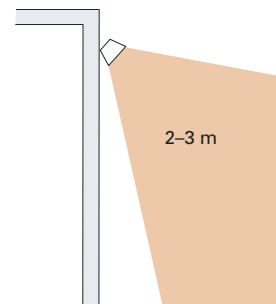
Tested and approved by IMQ, CE, RoHS and are EMC approved.



## TECHNICAL SPECIFICATIONS 767P

CODE	HEAT Output(W)	VOLTAGE (V)	AMPS (A)	LXHXW (mm)	WEIGHT (kg)	IP Rating
767P	1800	230	7.8	712x112x83	1	IP65

Shelbourne Park. Dublin



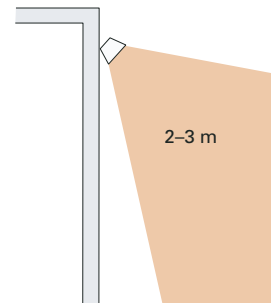
Farrell's Bar. Cork

# 728P Outdoor Electric Infrared Heater IP55

The ATC 728P electric outdoor heater short wave infra red heater is IP55 approved. IP55 means the heater can be exposed to wet conditions.

The heater is new to the market in 2008 and is manufactured in Europe. It is ideal for installation Pubs, Restaurants, Hotels, Patios and other outdoor areas where local instant heat is required. These heaters can be operated independently or in zones by direct switching or by dimmable controllers. See Controllers and Environmental Sensors section in this brochure.

The 728P is a robust yet compact 1800W heater that gives a ruby warm glow with powerful heat output.



## TECHNICAL SPECIFICATIONS 728P

CODE	HEAT Output(W)	VOLTAGE (V)	AMPS (A)	LXHXW (mm)	WEIGHT (kg)	IP Rating
728P	1800	230	7.8	830x120x38	1.3	IP55



Opera Bar. Co. Derry

# Varma Electric Infrared Heaters IP20

The Varma range of electric heaters is fitted with a lamp that is screened by a special process. The heat produced is via short wave infra red rays and is not affected by draughts.

The Varma range of heaters is manufactured in Europe and are rated IP20. These heaters cannot be directly exposed to rain or water however they can be installed in fixed applications. The heaters are also ideal for warehouses, shops, churches and many other applications. They may also be used in smoking areas attached to Pubs, Restaurants, Hotels and other outdoor areas where local instant heat is required.

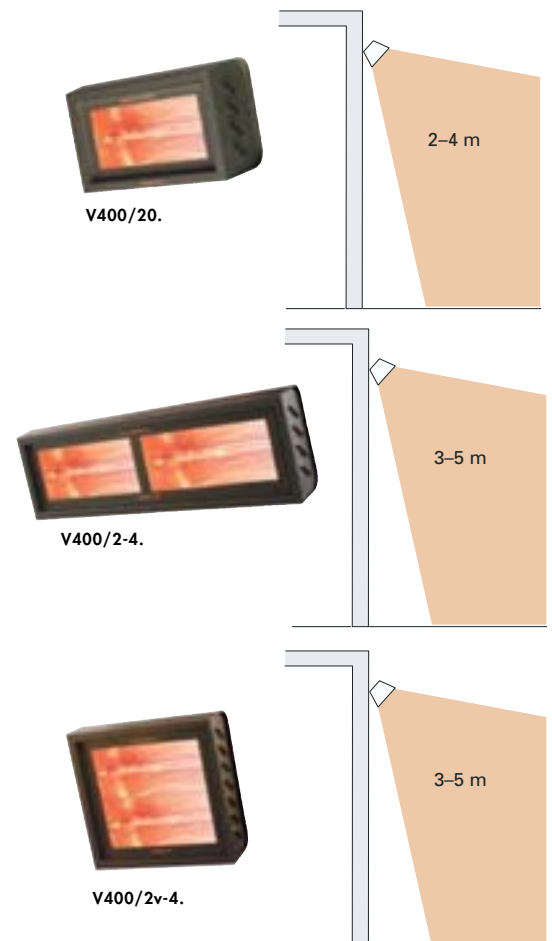
These heaters can be operated independently or in zones by direct switching or by dimmable controllers. See Controllers and Environmental Sensors section in this brochure.

## TECHNICAL SPECIFICATIONS VARMA RANGE

CODE	HEAT Output(W)	VOLTAGE (V)	AMPS (A)	LXHXW (mm)	WEIGHT (kg)	IP Rating
V400/20	2000	230	8.7	420x225x115	4.4	IP20
V400/2-4	4000	17.4	855x225x115	7	IP20	
V400/2V-4	4000	230	17.4	420x390x115	5	IP20



Captain Americas Restaurant, Dublin



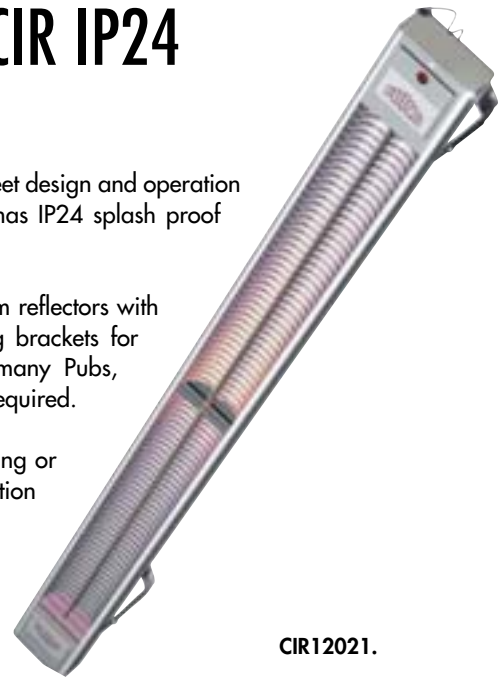
# ATC Comfort Infra Red Heaters CIR IP24

The CIR range of infra red heaters is suitable for applications where discreet design and operation is desired. The CIR range is independently approved by SEMKO and has IP24 splash proof design.

The heater is manufactured in Europe with high gloss polished aluminium reflectors with maximum resistance against corrosion. They have adjustable mounting brackets for easy mounting on the wall or ceiling. The heaters are installed in many Pubs, Restaurants, Hotels and other outdoor areas where local instant heat is required.

The heaters can be operated independently or in zones by direct switching or by dimmable controllers. See Controllers and Environmental Sensors section in this brochure

Tested and approved by SEMKO, CE, RoHS and are EMC approved.



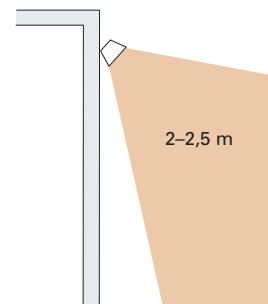
CIR12021.

## TECHNICAL SPECIFICATIONS CIR RANGE

CODE	HEAT Output(W)	VOLTAGE (V)	AMPS (A)	LXHXW (mm)	WEIGHT (kg)	IP Rating
CIR11021	1000	230	4.3	1250x44x94	2.2	IP24
CIR11521	1500	230	6.5	1755x44x94	3.0	IP24
CIR12021	2000	230	8.7	2180x44x94	3.7	IP24



Busker's Pub. Dublin



# Ecosun Electric Radiant Heaters IPX4

The Ecosun range of electric radiant ceiling heaters are intended for total and supplementary heating in commercial and industrial applications. The heat produced is via short wave infra red rays and provides protection against draughts from windows. Radiant heaters give a soft, pleasant heat and individual comfort can be created with spot and zone heating. No moving parts mean a silent system that does not cause air movement. They are easy and flexible to install and require the minimum of maintenance.

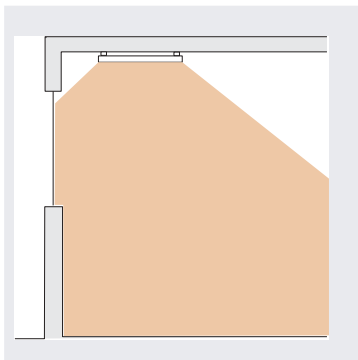
The Ecosun range of heaters is manufactured in Europe and are rated IPX4. These heaters cannot be directly exposed to rain or water however they can be installed in fixed applications. The heaters are ideal for warehouses, shops, churches, gyms and many other applications. They may also be used in smoking areas attached to Pubs, Restaurants, Hotels and other outdoor areas where local instant heat is required.

These heaters can be operated independently or in zones by direct switching and thermostatic control. They cannot be used with dimmable controllers.



## TECHNICAL SPECIFICATIONS ECOSUN RANGE

CODE	HEAT Output(W)	VOLTAGE (V)	AMPS (A)	LXHXW (mm)	WEIGHT (kg)	IP Rating
E18SB	1800	230	7.8	1500x250x60	8.5	IPX4
E24SB	2400	230	10.4	1500x250x60	13.5	IPX4



Ecosun can be used to compensate heat losses that occur near windows



Trade Counter

Carrick Elm Church. Co. Antrim



# Controller and Environmental Sensors

## EVERYTHING UNDER CONTROL

In order to ensure an energy efficient and cost effective installation it is essential to control the heaters with controllers that will allow the heaters to be;

- Controlled in different zones of the premises so that heaters can be turned off in zones when they are not required.
- That the heaters can be controlled in order to reduce the heat output whilst improving the comfort factor and saving energy therefore saving money
- Heater controllers can be used in conjunction with PIR sensors so that the heaters are only on when people are present in the area required
- Heaters can be remotely controlled from a distance of up to 50 metres line of site
- Heater controllers can be used in conjunction with **atc** push button switch, with a selection of/on times 5,10,20 or 30 minutes depending on your customers requirements. (These times are easily selected on the controller by installer)

### Controllers

CODE	CONTROLLERS FOR OUTDOOR HEATERS	BOX QTY
QHC06	6KW ELECTRONIC CONTROLLER	1
QHC15	15KW ELECTRONIC CONTROLLER	1
QHC24	24KW ELECTRONIC CONTROLLER	1



QHC 06 Controller

### Time Delays Switch

CODE	TIME LAG SWITCH IP65	BOX QTY
QHPBC	TIME LAG SWITCH 10 sec - 10 min Adjustable 6A Resistive Load (Incandescent) 3A Inductive Load (Fluorescent)	1



QHC 24 Controller

### PIR

CODE	PASSIVE INFRARED SENSOR (PIR)	BOX QTY
12998	PIR - Movement Sensor, detects movement 3A IP20 BUILT IN TIMER 3 - 20 MINS	6



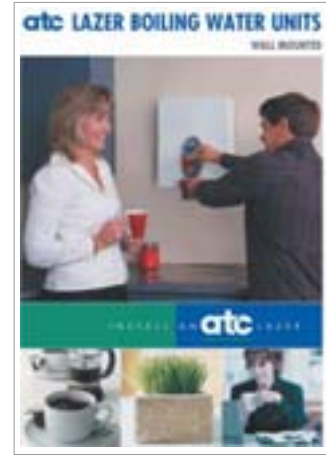
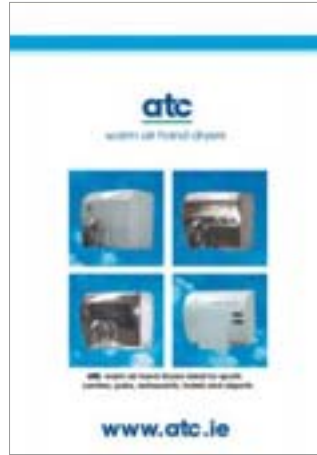
## TECHNICAL SPECIFICATIONS

### Electronic Controllers

Product Code	Voltage	Load KW	Variable Control	Phase / output Isolation	Zone Operation	PIR Operation	Timer Operation	Approvals	Size	Weight
QHC 6	230v 1ph	6KW	Yes	N/a	1 zone	Optional 1 per zone	Optional	Nemko	H.212 W.160 D.66	3 Kg
QHC 15	230v / 380v 3ph	15KW	Yes	Yes	Up to 3 zones	Optional 1 per zone	Optional	Nemko	H.350 W.361 D.145	10 Kg
QHC 24	230v / 380v 3ph	24KW	Yes	Yes	Up to 3 zones	Optional 1 per zone	Optional	Nemko	H.350 W.361 D.145	13 Kg



## Associated Products



[www.atc.ie](http://www.atc.ie)

**your heating and ventilation partner**

### DESIGN SERVICE

Contact our Sales office for your local area sales manager who will support and advise you in selecting your heating requirements for smoking areas, churches, warehouses, factories or any area you want localised heat.

We have the solution.



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atc House, Broomhill Drive, Tallaght, Dublin 24, Ireland.

Tel: 353 (1) 462 5111 Fax: 353 (1) 452 0887 Email: sales@atc.ie

Regional Office:

Unit 2, Twin Spires Centre, 155 Northumberland Street, Belfast, Northern Ireland

Tel/Fax: 028 903 12323



Ref: ATC105.4

All specifications contained in this brochure are subject to change without notice.

\*For full warranty details please contact **atc**. Please check the specifications are current at the time of ordering or building to incorporate the appliance.

All information is current at the time of publication, November 2008, but may change without notice.

For further information contact us or visit our website on [www.atc.ie](http://www.atc.ie)