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Infrared heater controllers

Get the best from
infrared heaters



Victory lighting infrared heaters can be used in a variety of applications and offer complete versatility and control in every situation, with a range of control units that will ensure they perform as effectively as possible.

These low cost, compact units help to make our infrared products as environmentally-friendly as possible and help to save energy cost. They are easy to install and need minimum maintenance.

Power controllers

HLVR2

- Suitable for appliances up to 3kW at 220-240V
- Integral ON/OFF switch
- Fully adjustable power setting
- High reliability triac used
- CE EMC compliant
- UL approved



Fully adjustable from 0-100%, the HLVR2 will help ensure a comfortable temperature is always achieved whilst also saving on wasted energy and costs.

The HLVR2 can be used in both indoor and outdoor applications and can control multiple heaters at one time. It is robust, user friendly, and easy to install.

While the HLVR2 is offered as a heater controller, it can be used for any electrical device(s) up to 3kW total load.

HLWDIM

- Suitable for up to 1.5kW infra red heater
- Waterproof (IP55)
- LED shows status
- Stepped power setting
- High reliability triac used
- CE & EMC compliant



The HLWDIM incorporates a soft-start function to eliminate the lamp's high inrush current — potentially increasing lamp life by as much as 30% and reducing the stress on the mains supply.

Output levels are selected by up & down push buttons with a high intensity LED indicating when the controller is giving output to the heater.

VLRC2

- Remote control operation
- Can be used indoors and outdoors
- IP65 - suitable for outdoor use
- ON/OFF, and 4-stage dimming
- 20 metre remote range



The VLRC2 is a remote controlled on/off switch with a four-stage stepped dimming function operated by a small hand-held remote control fob.

The remote control has a range of 20 meters (depending on local environmental conditions).



HLPSS4 soft-start

- Extends lamp life and saves energy
- Soft-start/zero-voltage switch-off
- Suitable for multiple heaters
- Low-cost
- Easy to install



The HLPSS4 4kW controller provides energy saving when used with infrared heaters and also prolongs the lamps' life. It does this by soft-starting the load when power is first applied to the heater(s).

The microcontroller-based unit incorporates zero-voltage switching and its soft-start function eliminates lamps' initial high inrush current – potentially increasing lamp life by as much as 30%.

It can be used with multiple heaters.

PIR controller

HLOPIR3

- 12m detection range with 200° area detection
- Suitable for up to 3kW infra red heaters
- Head twists up or down
- IP55 weatherproof rating
- Adjustable heat ON* time 5 secs- 18 mins
- Manual ON/OFF override
- Hinged back box for ease of wiring
- Adjustable light level control



The HLOPIR3 utilises passive infrared technology to detect heat radiation of moving human bodies. Upon detection, the attached heating load will activate for a user-determined time period. This product is suitable for wall or ceiling mounting.

* (We recommend a minimum time of two minutes to prolong the life of the infra red lamp.)

Timers

HLOTIM3

- Suitable for up to 6kW infra red heaters at 220-240v supply
- Electronic soft start- extends lamp life
- Tamper proof push button
- Fully adjustable time delay
- No retriggering of switch
- Red LED indicator when active
- Waterproof (IP55 rated)



The soft start feature of the HLOTIM3 helps to prolong the life of infrared lamps and reduces stress on the mains supply.

Users can instantly and easily switch on heaters, and the electronic timer will switch off the equipment after a pre-set delay. The time delay is fully adjustable.

A single controller can control up to four 1.5kW, three 2kW, or one 6kW heater(s). It can easily be retrofitted to existing equipment. The switch is tamper proof to prevent abuse and cannot be re-activated until the timer has turned off.

VLPTD

- 0-99 minute countdown timer
- LED shows time remaining in minutes
- Suitable for up to 2 kW
- Can control 1 or 2 heaters



The VLPTD is a 0-99 minute digital countdown timer with built-in start/stop. Time is set by two buttons in steps of 1 or 10 minutes.

The VLPTD is primarily for use with Victory small paint dryers and is mounted onto the HLPS paint dryer stand. It is supplied with a 3m supply cable and fitted with a 13A UK plug. The VLPTD-E version is fitted with 16A EU Plug.

Technical data

Power controllers	HLVR2	HLWDIM	VLRC2
Supply voltage	200 – 264V 50/60Hz	230V ±10%, 50Hz	220 – 240V 50/60Hz
Max current rating	13A @ 30°C ambient 17A @ 25°C ambient	6.5A @ 25°C ambient	9A @ 25°C ambient
Peak surge current	240A		
Min holding load current	30mA	30mA	
Operating temperature		-20°C – +50°C	-20°C – +40°C
Dimensions	86 x 146 x 47mm 68mm inc. knob	95 x 130 x 55mm	120 x 80 x 55mm
Weight	0.55 kg	0.5kg	0.6kg
Protection rating		IP55	IP65
	Must be mounted proud of a wall and recessed in to a cavity.	Supplied with 2 x cable glands and wall mounting screws.	Supplied with 2 x cable glands and mounting bracket accessory & hand held remote. Dimming stages: Step 1 40% / Step 2 70% Step 3 78% / Step 4 Full

Power controllers	HLPSS4	PIR controller	HLOPIR3
Supply voltage	230V +/- 10% 50 Hz	Supply voltage	230V
Switching capacity	4kW max.	Switching capacity	3kW max.
Supply fusing	20LCT or MCB20A (1 pole, 440V)	Detection range	12m
Current consumption	50mA	Detection angle	200°
Terminals	2.5mm ² rising clamp	Temperature set point	
Operating temperature	-20 – +40°C	Lamp on time	5 sec. – 18 mins.
Dimensions	100 x 100 x 60mm	Current consumption	
Weight	0.34kg	Terminals	
Protection rating	IP65	Operating temperature	
		Dimensions	87 x 73 x 121mm
		Weight	0.2kg
		Protection rating	IP55

Timers	HLOTIM3	VLPTD
Supply voltage	220 – 240V AC 50Hz	220 – 240V AC 50Hz
Max current rating	25A @ 230v AC	9A @25°C
Delay time range	5 – 70 minutes	
Dimensions	110 x 168 x 80mm	260 x 150 x 100mm
Weight	0.375kg	1.1kg
		Supplied with fitted twin kettle sockets & 1 loose kettle plug in the box. Mounts on HLPS stand.



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