

heatray



IRH-E Fortis

INFRARED ELECTRIC RADIANT HEATERS



The IRH-E Fortis is a high-intensity, low-glare heater with a deep reflector for powerful, long-range heat.

Infrared Electric Radiant Heaters

The Heatray IRH-E Fortis delivers high-intensity radiant heat in an instant with low-glare, having a deep parabolic reflector that focuses heat exactly where it's needed.

Silent, clean, and emission-free, it's powered by the latest Spectrum infrared lamp technology, which reduces visible red light while maintaining heat output and rapid warm-up time.

IRH-E Fortis heaters are suitable for indoor and outdoor undercover industrial, commercial and hospitality settings. Water-resistant, they can also withstand challenging outdoor environments.

A variety of installation options are available, including ceiling or wall mounting, and integration with new or existing structures.

Each unit can cover a floor area of up to 12m².

Energy efficiency

The instant response of infrared radiant heat minimises the warm-up period, reducing overall energy consumption—especially in high-traffic areas. A highly efficient stainless steel internal reflector maximises performance and coverage by directing heat exactly where it's needed.

A range of controls can further enhance efficiency, including remote control, heat output control, zone control (via remote switch), motion sensors, and timers.

Application

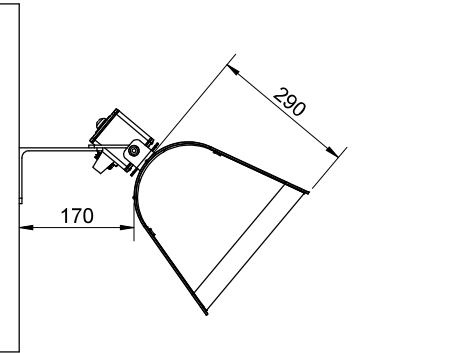
- Indoor / outdoor undercover areas
- Areas where combustion gases are not permissible
- Suits wall or ceiling mounting
- Mounting height 3m - 4m
- Area coverage 4m² - 12m²

Key features

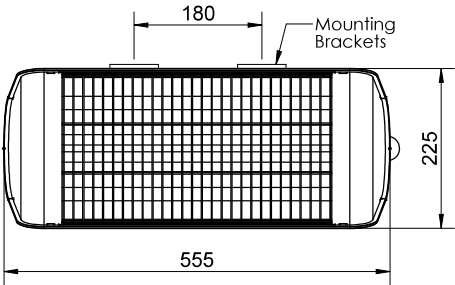
- Instant directional radiant heat
- Black anodised aluminium finish
- Spectrum low-glare lamp
- Short~midwave infrared wavelength technology
- Robust design
- Control: on/off/remote with six heat output settings
- Deep parabolic reflector for concentrated warmth
- Silent operation, clean and emission free
- Water resistant IP65 rated for undercover outdoor installation
- High-quality, non-corrosive construction offering longevity and ease of maintenance
- Adjustable wall & ceiling brackets
- Individual switching or zone control options
- Motion activation option to cater for smoking and transit areas recommended for energy efficiency

IRH-E Fortis

WALL APPLICATION



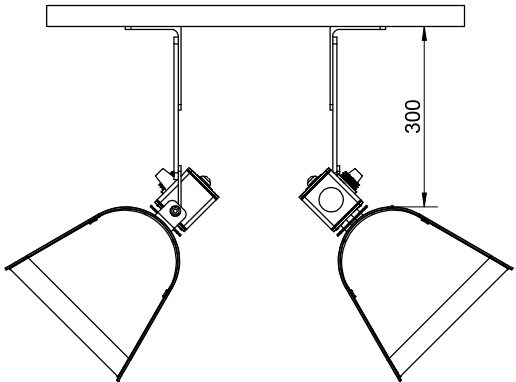
FRONT VIEW



TECHNICAL SPECIFICATIONS

Application	Indoor / outdoor undercover areas
Dimensions	555L x 225W x 290Dmm
Weight	4kg
Materials	Stainless steel grille face, non-corrosive aluminium construction
Finish	Anodised aluminium
Colour	Black
Mounting	Wall / Ceiling
Mounting brackets	x2
Mounting height	3000 - 3500mm
Area coverage	Refer table following
Heat type	Low-glare
Lamp type	Spectrum short~midwave infrared wavelength
Power	2400W / 220-240V / 1Ph / 50Hz
Range	1000-3500mm forward radius / 120° span

CEILING APPLICATION



Operation	Instant & directional. Approx 1 sec. to reach 98% operating capacity.
Connection	10Amp, 3-pin plug
Protection	Water resistant IP65
Control	On/Off or remote control with 6 heat output settings
Clearances (min)	<ul style="list-style-type: none">Forward clearance from flammables: 1500mmCeiling clearance from flammables: 300mmRear of unit to wall from flammables: 170mmEnd of unit to wall from flammables: 600mm
Control module options	<ul style="list-style-type: none">W375 x H220mm - 1PhAvailable for zone control of up to 2 or 4 heatersSafety cut-out, circuit protection, low Amp On/Off switching, two-zone control & separate lighting circuitRelays suitable for BMS controlOptional motion sensors, run-on timersOptional 2Ph & 3Ph control modules

MOUNTING OPTIONS



Wall mount (side view)



Wall mount (front view)

CONTROLS

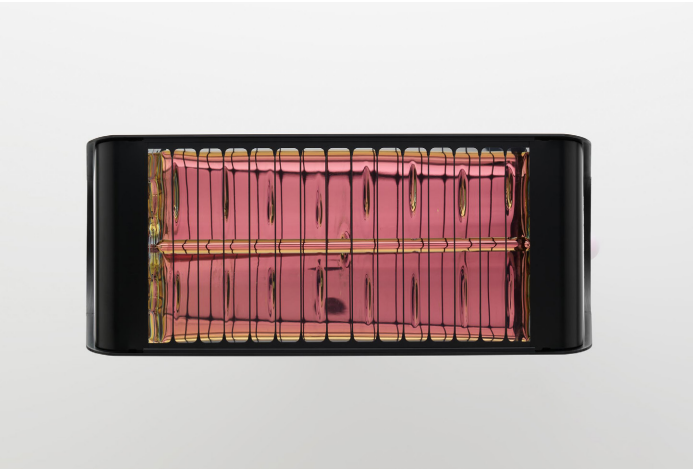


Off (standby)



On

IRH-E FORTIS SWITCHED OFF



IRH-E FORTIS



MODEL INFORMATION

Model	Power @ 240V		Suggested mounting height (mm)	Floor coverage guide		
	Watts	Amps		Outdoor undercover unprotected (m²)	Outdoor undercover protected (m²)	Indoor (m²)
IRH-E Fortis	2400	10.0	3000-4000	4-5	7-8	10-12

With efficient operation and elegant design,
Heatray products deliver superior infrared
warmth in all kinds of environments.



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Heatray products are designed,
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