



ELEGANT
EFFICIENT
ADVANCED

ERH | ELECTRIC RADIANT HEATING

Heatray ERH Panels



Unlike conventional heaters which often produce too much or too little heat, Heatray non-glowing ERH Panels have been finely tuned to provide a comfortable and highly efficient radiant energy level, similar to the heat generated by the sun, but without the harmful ultraviolet component.

Weather Accessories

- Link gutters
- Roof infills
- Windbreak side covers
- Wind columns
- External gutters
- ERH Panel Rain shields

Mounting Options

- Wall Mount brackets
- Ceiling Chain suspension
- Ceiling Tube suspension
- Double Unit Tube suspension
- Ceiling Frame unit

Lighting Accessories

- Celight Light diffuser
- Colour filters



Chain suspension



Wall/Ceiling Mount bracket



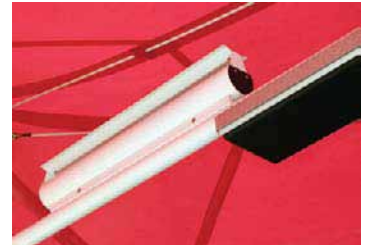
Rain shield



Double Unit Tube suspension



Ceiling Frame unit



Celight with Light diffuser

The Benefits

Electric, efficient, safe, architecturally sound and designed for use in the most demanding public and commercial environments.

Easy maintenance due to IPX5 rated protection against water penetration, allowing heaters to be safely washed and rinsed with a water hose.

Two stage heat control for both comfort and additional energy savings, resulting in significant reductions in running costs.



Heatray Umbrellas



The HeatRay Umbrella is an innovative, cost effective heated and lit outdoor structure.

HeatRay Umbrellas provide shelter and warmth to outdoor areas giving the opportunity to extend customer capacity, operating hours and eliminate seasonal downturns due to bad weather.

A foldable permanent structure, the HeatRay Umbrella, purpose built, has been designed to withstand all weather conditions, including high wind loads of up to 75 miles/h.

Canopies are made of architectural grade PVDF coated PVC fabric to create UV resistant, antifungal and easy to clean umbrellas. Underarm cables and fittings are made of marine grade 316 stainless steel for minimum maintenance.

Steel frame construction of commercial quality, zinc & aluminium galvanised with two layers of powdercoating provides the best protection available today.

HeatRay Umbrellas can be installed in a wide range of locations including on timber decks, balconies and roof terraces or can be set into the concrete footings of a promenade.



The Features

Economical to run, evenly distributed, highly efficient radiant heat, warming people, not the surrounding air.

Integrated diffused lighting for night operation to accentuate the ambience of the umbrella as well as providing soft lighting.

Foldable structure, eliminating any inconvenience of having to remove heating and lighting components.

Concealed electrical wiring, designed with maximum consideration for public safety and aesthetic appearance.

System Control Module, complete with all electrical and safety components needed to ensure ease of operation and safe unattended public protection.



Optional Accessories



Optional weather accessories enable Umbrella Systems to be linked to provide continuous all weather protection.

Safety

With uncompromising public safety in mind, HeatRay leads the industry, being the only Electric Radiant Panel Heater specifically designed for outdoor public areas. Heatray has undergone extensive independent laboratory testing to establish full compliance with International Standards, holding AS/ANZ, CE and UL approvals. This incorporates Compliance with Outdoor Usage, together with Design Integrity, Product Application and Heat Effect on Structures.

The HeatRay Electric Radiant Panel Heater is not only splash proof, but has also been approved for exposure to rain conditions with an IPX5 rating.

This essential classification ensures protection against water jets from any direction, such as the use of a water hose during cleaning. Protection against entry of moisture from the atmosphere is another safety consideration for this high rating. Apart from safety, moisture protection has a significant bearing on product performance and durability.



Protected concealed heater wiring



Waterproof central wiring loom





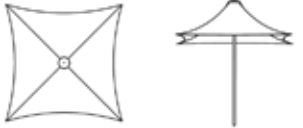
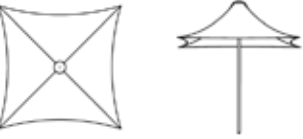
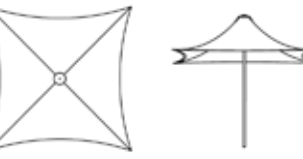
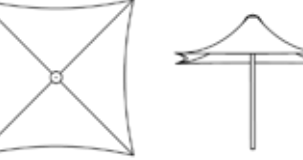

Wiring loom access cover

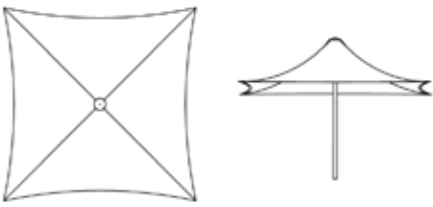
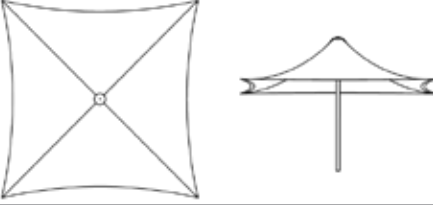
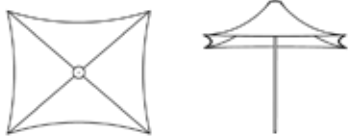
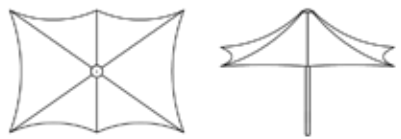
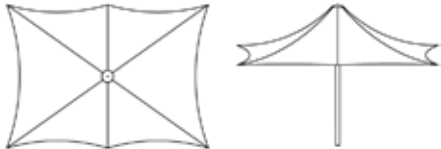




Control Modules

CMU4, CMU8, CMU12

Available for zone control of up to 4, 8 or 12 heaters provides safety cutout, low Amp switching, grouped High/Low setting of heaters in each zone and separate switching of the lighting circuit.

HeatRay Products	Model	Size	Application	Technical Specifications
ERH Electric Radiant Heater 	ERH G3	37½" x 6"	Overhead radiant heating outdoor / indoor use	Power: 1.2kW (high) 0.6kW (low) 120V or 240V
Dimmable LED Lights 	ULF	19½" x 2 1/8"	Umbrella lighting	Dimmable LED warm color - 2750°K 3W - 24V
HeatRay Umbrellas	Model	Size	Application	Technical Specifications
	HeatRay S 9.0 (CS32)	9' - ¼" x 9' - ¼"	Small area, outdoor facilities, restaurants. Foldable, permanent freestanding structure. Up to 8 person capacity	Non-glowing heaters - 4 units LED Dimmable lights - 4 units Power: 4.8kW (high) 2.4kW (low) Control: On/Off, Low/High heat
	HeatRay S 10.7 (CS36)	10' - 7¼" x 10' - 7¼"	Small area, outdoor facilities, restaurants. Foldable, permanent freestanding structure. Up to 12 person capacity	Non-glowing heaters - 4 units LED Dimmable lights - 4 units Power: 4.8kW (high) 2.4kW (low) Control: On/Off, Low/High heat
	HeatRay S 12.5 (CS38)	12' - 4½" x 12' - 4½"	Large area, outdoor facilities, restaurants. Foldable, permanent freestanding structure. Up to 16 person capacity	Non-glowing heaters - 4 or 8 units LED Dimmable lights - 4 units Power (4): 4.8kW (high) 2.4kW (low) Power (8): 9.6kW (high) 4.8kW (low) Control: On/Off, Low/High heat
	HeatRay S 13.6 (CS40)	13' - 5½" x 13' - 5½"	Large area, outdoor facilities, restaurants. Non-foldable, permanent freestanding structure. Up to 18 person capacity	Non-glowing heaters - 8 units LED Dimmable lights - 4 units Power: 9.6kW (high) 4.8kW (low) Control: On/Off, Low/High heat
	HeatRay S 15.1 (CS45)	15' - 1" x 15' - 1"	Large area, outdoor facilities, restaurants. Non-foldable, permanent freestanding structure. Up to 22 person capacity	Non-glowing heaters - 8 or 12 units LED Dimmable lights - 4 units Power (8): 9.6kW (high) 4.8kW (low) Power (12): 14.4kW (high) 7.2kW (low) Control: On/Off, Low/High heat

HeatRay Umbrellas	Model	Size	Application	Technical Specifications
	HeatRay S 16.8 (CS50)	16' - 7 ³ / ₄ " x 16' - 7 ³ / ₄ "	Large area, outdoor facilities, restaurants. Non-foldable, permanent freestanding structure. Up to 28 person capacity	Non-glowing heaters - 8 or 12 units LED Dimmable lights - 4 units Power (8): 9.6kW (high) 4.8kW (low) Power (12): 14.4kW (high) 7.2kW (low) Control: On/Off, Low/High heat
	HeatRay S 17.8 (CS54)	17' - 8 ¹ / ₂ " x 17' - 8 ¹ / ₂ "	Large area, outdoor facilities, restaurants. Non-foldable, permanent freestanding structure. Up to 32 person capacity	Non-glowing heaters - 16 units LED Dimmable lights - 4 units Power: 19.2kW (high) 9.6kW (low) Control: On/Off, Low/High heat
	HeatRay R 12.5 (CR38)	10' - 6 ³ / ₄ " x 12' - 4 ¹ / ₂ "	Small area, outdoor facilities, restaurants. Foldable, permanent freestanding structure. Up to 14 person capacity	Non-glowing heaters - 4 units LED Dimmable lights - 4 units Power: 4.8kW (high) 2.4kW (low) Control: On/Off, Low/High heat
	HeatRay R 15.1 (CR45)	10' - 7 ¹ / ₂ " x 15' - 1"	Large area, outdoor facilities, restaurants. Non-foldable, permanent freestanding structure. Up to 16 person capacity	Non-glowing heaters - 6 or 8 units LED Dimmable lights - 4 units Power (6): 7.2kW (high) 3.6kW (low) Power (8): 9.6kW (high) 4.8kW (low) Control: On/Off, Low/High heat
	HeatRay R 17.6 (CR53)	12' - 4 ¹ / ₂ " x 17' - 5 ³ / ₄ "	Large area, outdoor facilities, restaurants. Non-foldable, permanent freestanding structure. Up to 22 person capacity	Non-glowing heaters - 8 or 10 units LED Dimmable lights - 4 units Power (8): 9.6kW (high) 4.8kW (low) Power (10): 12kW (high) 6kW (low) Control: On/Off, Low/High heat
	HeatRay R 21.8 (CR65)	14' - 5 ¹ / ₄ " x 21' - 8"	Large area, outdoor facilities, restaurants. Non-foldable, permanent freestanding structure. Up to 32 person capacity	Non-glowing heaters - 16 units LED Dimmable lights - 4 units Power: 19.2kW (high) 9.6kW (low) Control: On/Off, Low/High heat
	HeatRay TS 14.1 (CTS43)	14' - ³ / ₄ " x 14' - ³ / ₄ "	Large area, outdoor facilities, restaurants. Non-foldable, permanent freestanding structure. Up to 20 person capacity	Non-glowing heaters - 8 units LED Dimmable lights - 4 units Power: 9.6kW (high) 4.8kW (low) Control: On/Off, Low/High heat

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