

GUIDE TO SELECTING THE RIGHT OUTDOOR HEATER - APPLICATION CONSIDERATIONS

- **Excessive Air Movement** – Wind or light breezes are perhaps the largest variable when trying to achieve comfortable heating in an outdoor or spot heating environment. The use of barricades such as wind curtains are highly recommended whenever possible.
- **Mounting Heights** – Traditionally, outdoor or spot heating requires the heating equipment to be mounted lower or closer to the people. Lowering the equipment may result in less coverage but will offer a more focused heat pattern to the desired area. The final mounting height of the heater may have to be adjusted to achieve the results desired by the customer.
- **Customer Expectations** – Depending on the needs of the customer, more or less heaters may be required for a given application. There is rarely a ‘one size fits all’ solution to properly size an outdoor or spot heating application. Some customers may seek maximum comfort in extreme conditions while others may be looking to take the chill off for short exposure periods such as a designated smoking area.

FEATURES	SW SERIES	PH SERIES	QTD & QTS SERIES	HL3 & DX3 SERIES
Operates on natural gas or propane supply and requires a 120 volt power supply.		•	•	•
Operates on electric only with ranges from 120 to 575 VAC.	•			
Appliance is certified for indoor or outdoor use.	•	•	*	*
Delivers a broad heat pattern for more coverage with less heat intensity.			•	•
Delivers a focused heat pattern for specific areas such as an entryway or dining tables.	•	•		
Can generally be mounted lower than other spot heating options.			•	•
Compact design allows for installing in areas that have space constraints.			•	
Combustion gases can be vented away from the environment.	N/A		•	•
Wind resistant burner design to enhance operational performance and reliability.	•		•	•
Clearance to combustibles.	Moderate	High	Low	Low
Optional two-stage operation allows for enhanced comfort while reducing energy costs.			•	•
Many features can be upgraded to stainless steel for increased longevity and aesthetics. ‡	•	•		•

• Standard Feature * Certified for outdoor uses with the optional outdoor construction option (OD-Kit).
‡ When upgrading model HL3 or DX3 Series to stainless steel, the appliance will be fitted with a version 2 control box.

OUTDOOR HEATER - PRODUCT DATA

FEATURES	SW SERIES	PH SERIES	QTD & QTS SERIES	HL3 & DX3 SERIES**
BTU Range or Equivalent	1,600 to 11,400 Watts (5,459 to 38,898 total BTU/h)	28,000, 31,000 and 34,000 BTU/h	40,000 to 80,000 BTU/h	50,000 to 200,000 BTU/h
Primary Energy Type	Electric	Natural or Propane Gas	Natural or Propane Gas	Natural or Propane Gas
Voltage	From 120 to 575 VAC; 1 or 3 Phase	120VAC primary required (3-prong electrical cord); 24 or 120 VAC Control	120VAC, single-phase, 60 hertz, 24VAC with field select output switch	120V with 24V control option, 60 hertz, 3-prong electrical cord
Amp Draw	Varies based on model	120VAC models: .25 starting, .24 running; 24VAC models: .10 starting	1.5 starting, 1.1 running	4.8 starting, 1.1 running
Certification	ETL Listed	CSA Design Certified	CSA Design Certified	CSA Design Certified
Limited Warranty	90-days lamps, 1 year components	1 year controls, 3 years burner	1 year controls, 3 years tubes, 5 years burner	1 year controls, 5 years tubes, 10 years burner
Outdoor Approval	Standard	Standard	With optional OD-KIT add-on	With optional OD-KIT add-on
Typ. Height Above Patrons^	2 to 5 feet	2 to 6 feet	2 to 5 feet	2.5 to 6 feet

**LD and LS Series tube heaters can be utilized for residential or smaller applications. ^Typ. Heights Above Patrons are recommended and are provided as a guideline only. Actual conditions will dictate variations for the above data. Clearance to combustibles must always be maintained.

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MADE IN CANADA

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OUTDOOR HEATING SOLUTIONS

by Brant Radiant Heaters Limited

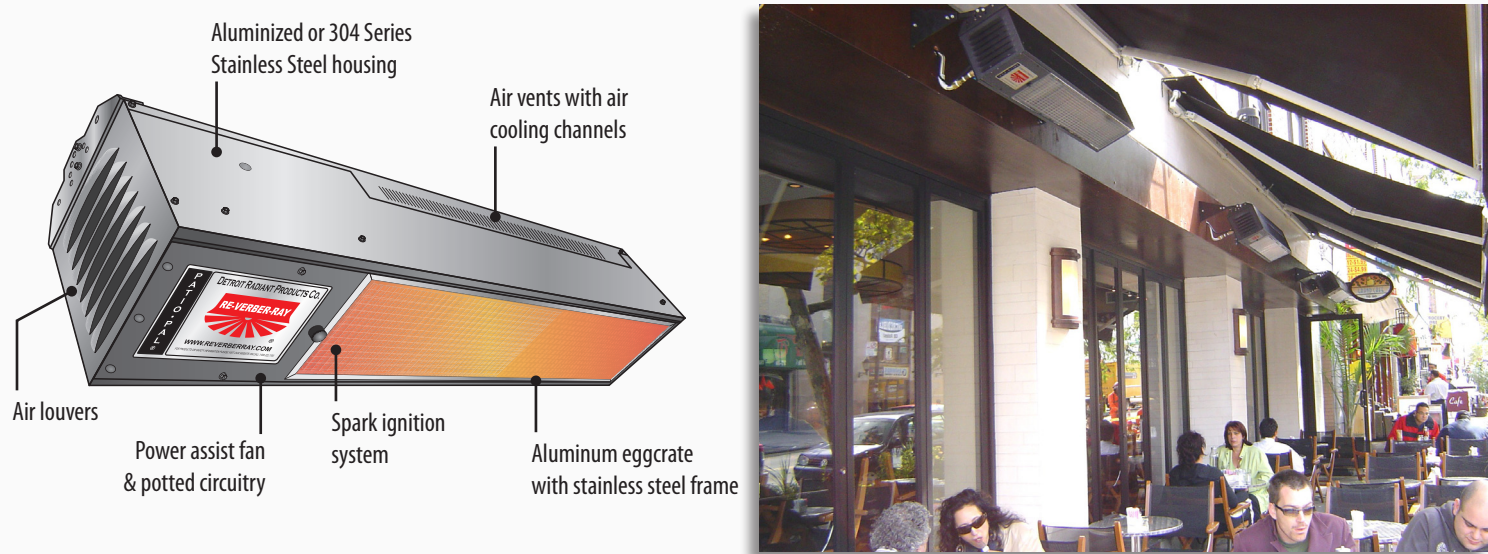


Infrared heaters provide a warm and comfortable outdoor heating solution by gently warming people and furnishings - not the air in between.

Whether you are looking to extend your outdoor season, have a designated smoking area, or make additional room for peak crowds, Brant Radiant Heaters Limited’s broad offering can offer a solution that will fit your outdoor heating needs.



PH SERIES PATIO-PAL® HIGH INTENSITY PATIO HEATER



Specifically designed for comfort, reliability and ease of installation, the Patio-Pal® high intensity heater is designed to provide indoor and outdoor spot heating. Mounted out of the way, without the hassle of refilling costly propane tanks, the Patio-Pal® is an ideal solution to stylishly extend the outdoor season to many commercial and residential applications. Available in black powder coated aluminized steel or brushed 304 series stainless steel.

- Typical Applications:
- Restaurant Patios
 - Entrance Ways
 - Outdoor Living Spaces
 - Valet Waiting Areas
- Key Features:
- Decorative Design
 - Permanent Mount
 - Manager Controlled
 - No LP Tanks

SW SERIES ELECTRIC INFRARED HEATER



SW Series heaters are unique in their ability to produce both infrared heat and visible light energy. The source of this energy comes from short-wave electric lamps encased in an aesthetically pleasing enclosure. Available in an assortment of sizes, casing and colors, this heater offers both choices and solutions for your application.

- Typical Applications:
- Restaurant Patios
 - Parking Garages
 - Valet Waiting Areas
 - Airport Entrances
- Key Features:
- 1 or 3 Phase Electric
 - Red or White Illumination
 - 1 to 3 Elements
 - Lower Clearances

QTD & QTS SERIES LOW INTENSITY “QUAD” TUBE HEATERS

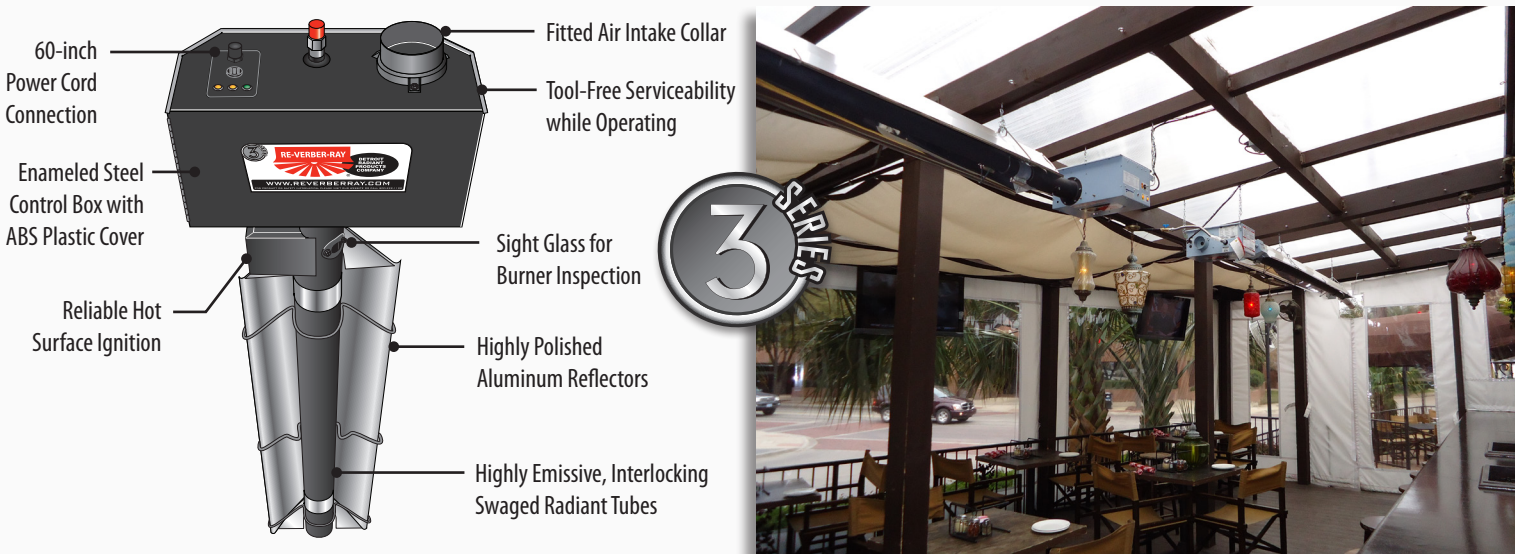
Patent Pending



The Patent Pending QT Series offers a unique and innovative heating solution. Its design incorporates the modular benefits of high intensity infrared with the application versatility of low intensity infrared in a multi-burner, multi-exchanger and multi-reflector platform.

- Typical Applications:
- Restaurant Patios
 - Bus Stops
 - Golf Ranges
 - Check-in/out Areas
- Key Features:
- Multi-directional Output
 - Optional Flue
 - High BTU per ft²
 - High and Low Mode

HL3 & DX3 SERIES LOW INTENSITY TUBE HEATERS



Consisting of three main components: a burner control box, radiant tube, and reflector assembly, low intensity tube heaters are designed to provide broader coverage. They can be installed either vented or unvented, and may use outside air for combustion if necessary. The radiant tube may be installed in different configurations to conform to the heating requirements of the space.

- Typical Applications:
- Restaurant Patios
 - Golf Ranges
 - Terraces
 - Three-season Rooms
- Key Features:
- Optional Flue
 - Lower Clearances
 - High and Low Mode
 - Broader Coverages