

BROMIC[®]
HEATING

Smart-Heat[™] Range
2014/2015

BROMICHEATING.COM



WHERE STYLE
MATCHES PERFORMANCE

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Create Ambience

Enhance Aesthetics.

Bromic Heating has revolutionised the industry with innovative heating solutions that feature a range of benefits never seen before in traditional gas or electric heaters.

Born out of a desire to develop world first products, the Bromic Heating Smart-Heat™ range combines revolutionary technical advancements with a modern design aesthetic. Our engineers have carefully considered the end users heating requirements. Each Bromic heater delivers the highest standards of efficiency, usability and performance.

Stylish and unique, Bromic Heating's Smart-Heat™ range has been designed to blend into any contemporary setting. Available in gas, electric and portable options. With the addition of our new portable model, Bromic heaters are the smart choice for any outdoor space, from a backyard patio area to a commercial dining terrace.

With distribution in North America, Europe, South America, Australia and New Zealand, Bromic Heating is internationally recognised as a market leader in heating solutions.

Product Feature Key



Even Heat Distribution
Heat from the burners is transmitted through a translucent ceramic medium which allows a more effective dispersion of heat



Smart Control System
Simultaneously & instantly switch on heaters from a remote located switch



Rotational Mounting Bracket
Heaters come standard with an easy-pivot arm which allows adjustment of heat direction. This provides greater versatility and heat coverage



Wind Resistant
Effective heat guaranteed in windy conditions. (Wind resistance varies between models)



Symmetrical & Balanced Design
Stylish and aesthetically pleasing design



Water / Splash Resistant
The heater can sustain splashes of water from all angles and remain on



Comfortable To Eyes
Low glow heat to blend easily into any environment



Recess Option
Allows seamless integration into the heating area





Bromic Platinum Smart-Heat™ Gas



Platinum Smart-Heat™ Gas
300 Series
Available LPG (Propane) / Natural Gas

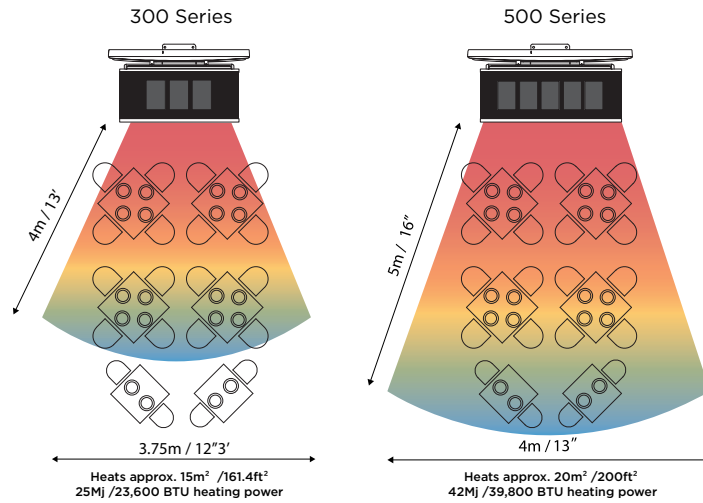


Platinum Smart-Heat™ Gas
500 Series
Available LPG (Propane) / Natural Gas

FEATURES

- Full stainless steel construction
- Wind resistance of up 18 km/h (11 mph)
- Easy to use electronic ignition
- Smart system control compatibility to control units from a remote location
- Automatic re-ignition
- Ceramic medium to create even level of heat dispersion
- Able to be run on LPG (Propane) or Natural Gas
- Available in two sizes - 300 Series - 25Mj (23,600 BTU)
- 500 Series - 42Mj (39,800 BTU)
- Versatile mounting options - wall or ceiling
- Easy pivot arm bracket for adjustable heat direction and coverage

HEAT DISTRIBUTION

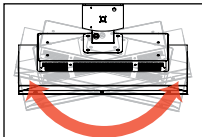


*Heat area dependent on ambient temperature and wind. Optimum conditions experienced at approx 15.5°C / 60°F & in a low wind covered environment. Table layout indicative only.

ACCESSORIES

- **Ceiling poles (black electroplated)**
 - Dual-directional ceiling mount pole offers greater positioning versatility in larger open areas
 - Available with dual or single heater mounting brackets
 - Adjustable mounting bracket to suit most installations
- **Dual-layer heat deflector:**
 - Allows for low-clearance installation

*All accessories sold separately



Elegant Design for Contemporary Venues

Inspired by modern aesthetics, the Platinum Smart-Heat™ Gas heater features a sleek, polished design that is ideal for high-class venues and premium locations, where it will both add to and enhance the visual appeal and natural ambience of the space.

Stylish yet Subtle Aesthetics

Guided by the principle that a heating solution should work harmoniously with existing decor, the unobtrusive design of the Platinum Smart-Heat™ Gas heater blends into the environment, providing warmth and comfort.

Even, Comfortable Heat Coverage

Through the use of state-of-the-art radiant heating technology coupled with a ceramic medium, the Platinum Smart-Heat™ Gas heater creates the most even level of heat dispersion possible, for a more efficient, reliable warmth.

Sturdy Stainless Steel Construction

Constructed from full stainless steel and featuring a unique 'flat-panel' face, the Platinum Smart-Heat™ Gas heater combines a strong and robust build with a fascia that is sleek and attractive when viewed from any angle.

Highest Levels of Wind Resistance

The patented technology and precise engineering of the Platinum Smart-Heat™ Gas heater ensures the heating elements and ignitor are carefully protected for the highest levels of performance - guaranteed to provide effective heat in winds of up to 18km/h (11 mph).

Electronic Ignition for Ease of Use

With simple controls, the Platinum Smart-Heat™ Gas heater can be turned on with the flick of a switch. If the heater unexpectedly turns off, it will automatically re-ignite of its own accord. Additionally, through the use of smart system controls, multiple units can be controlled from a single location.

**INNOVATION MEETS
AESTHETICS**





Bromic Platinum Smart-Heat™ Electric

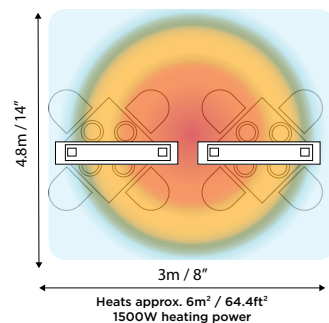


Platinum Smart-Heat™ Electric
Available in 1500W output

FEATURES

- 1500W comfortable heat output
- Stainless steel construction
- Ultra thin and stylish
- Efficient directional spot heating
- Mounting bracket with 60 degrees of vertical movement
- Weather resistant (IPX 5) and wind resistant
- Smart system control compatibility to control units from a remote location
- Multiple mounting options – wall, ceiling, pole suspended and recessed (flush mounted)

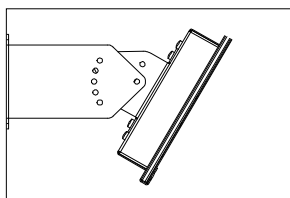
HEAT DISTRIBUTION



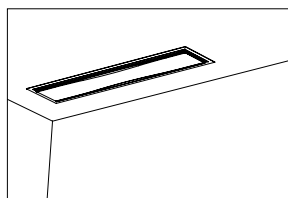
*Heat area dependent on ambient temperature and wind. Optimum conditions experienced at approx 15.5°C/ 60°F & in a low wind covered environment. Table layout indicative only. Height Clearance of 2.4m / 7' 2"

ACCESSORIES

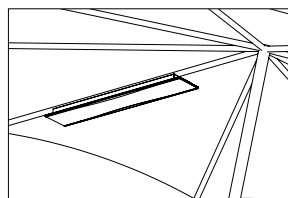
- **Ceiling poles:**
 - Various sizes available on request
- **Mounting options:**



- Wall kit



- Recess kit



- Umbrella kit

*All accessories sold separately



**SOFT RADIANT HEAT WITH
AN ULTRA-THIN BUILD**

Stylish, Ultra-Thin Design

Conceived as a heater for both commercial and residential applications, the Platinum Smart-Heat™ Electric heater is characterized by its ultra-thin build coupled with a heating element that is barely noticeable, for the ultimate subtle design aesthetic.

Mounting Options for any Application

With a range of mounting choices, the adaptable Platinum Smart-Heat™ Electric heater can be placed in a variety of spaces. The popular recessed mounting option allows the heater to sit flush with any flat surface, blending the heater in with its surroundings.

Soft Heat for All Year Round Use

Uniquely engineered to produce a softer, more discrete heat, the Platinum Smart-Heat™ Electric heater is suitable for use in any season. When combined with a wind and weather resilient construction this model provides an effective heating solution that can be relied upon all year round.

Be In Control with Precise Heating

By providing soft, radiant heat in a concentrated zone, the Platinum Smart-Heat™ Electric is perfect for heating specific areas. With a mounting bracket that allows for 60 degrees of motion top to bottom, you can control exactly where the heat is directed.

Subtle Aesthetics Adds Versatility

With a low 1500W output the Platinum Smart-Heat™ Electric heater can seamlessly blend into any modern or traditional setting - complementing the warmth and aesthetics of both indoor and outdoor spaces.

Complete Smart-Heat™ Solutions

From its efficiency and reliability to its sleek silver and black fascia, the Platinum Smart-Heat™ Electric heater compliments the design of it's gas counterpart in the Platinum Smart-Heat™ range, allowing them to be used in conjunction, for a complementary electric and gas heating solution.

**YOUR CHOICE OF
MOUNTING DESIGN**





Bromic Tungsten Smart-Heat™ Gas



**EXTEND
YOUR SUMMER**



Tungsten Smart-Heat™ Gas
300 Series
Available LPG (Propane) / Natural Gas

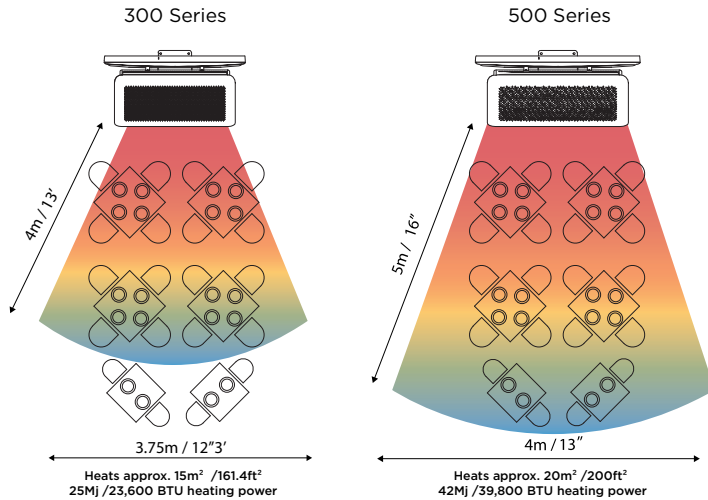


Tungsten Smart-Heat™ Gas
500 Series
Available LPG (Propane) / Natural Gas

FEATURES

- Stainless steel construction with attractive black finish
- Wind resistance of up to 12 km/h (8 mph)
- Easy-pivot arm with 25° rotation either side
- Smart system control compatibility to control units from a remote location
- Automatic re-ignition
- Versatile mounting options - wall or ceiling
- Able to be run on LPG (Propane) or Natural Gas
- Available in two sizes - 300 Series - 25Mj (26,000 BTU)
- 500 Series - 42Mj (43,000 BTU)
- Universal bracket, for easy upgrade and interchangeability

HEAT DISTRIBUTION



ACCESSORIES

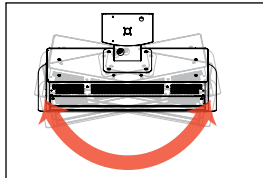
▪ Ceiling poles (black electro plated)

- The dual-directional ceiling mount pole offers greater positioning versatility in larger open areas.
- Dual or single heater mounting
- Adjustable mounting bracket to suit most installations

▪ Dual-layer heat deflector:

- Allows for low-clearance installations

*All accessories sold separately



*Heat area dependent on ambient temperature and wind. Optimum conditions experienced at approx 15.5°C/ 60°F & in a low wind covered environment. Table layout indicative only.



Stronger, More Direct Heat

Combining a distinctly robust radiant heat output with an easy pivot arm bracket that aids greater positioning versatility and heat coverage, the Tungsten Smart-Heat™ Gas heater allows heat to be positioned where it's needed most, keeping people warmer, all year round.

Sturdy Construction to Maximize Durability

The Tungsten Smart-Heat™ Gas heater has been engineered to withstand the rigors of everyday use and features a high temperature ceramic coating designed to maximize life span and durability in the testing conditions of outdoor environments.

A Casual Look for Modern Spaces

Featuring a stainless steel body and stylish black finish inspired by a modern industrial aesthetic, the Tungsten Smart-Heat™ Gas heater is perfect for a range of spaces from casual outdoor entertainment areas to chic city venues.

Easy to Activate with Central Controls

The Tungsten Smart-Heat™ Gas heater allows the easy maintenance of multiple unit heating solution. Save time and energy with its smart control system compatibility that allows one or more heaters to be switched off and on from a remote location.

Perfect for Wind Exposed Areas

With its patented direct ignition system, the Tungsten Smart-Heat™ Gas heater excels in patio areas such as garden spaces and curbside dining, due to its reliable activation and effective operation in winds of up to 12 km/h (8mph).

Mounting Options Increase Space Capacity

By utilizing gas main lines, the Tungsten Smart-Heat™ Gas heater is able to be both wall or ceiling mounted. This has the added advantage of freeing up valuable floor space - increasing the capacity as well as allowing people to move freely through the area.



**THE PERFECT MIX OF
AESTHETICS AND FUNCTION**



Bromic Tungsten Smart-Heat™ Electric

A WARM RADIANT HEAT



Tungsten Smart-Heat™ Electric
2000W (2kW)



Tungsten Smart-Heat™ Electric
3000W (3kW)



Tungsten Smart-Heat™ Electric
4000W (4kW)



Tungsten Smart-Heat™ Electric
6000W (6kW)

Standard Colours

Matte Black

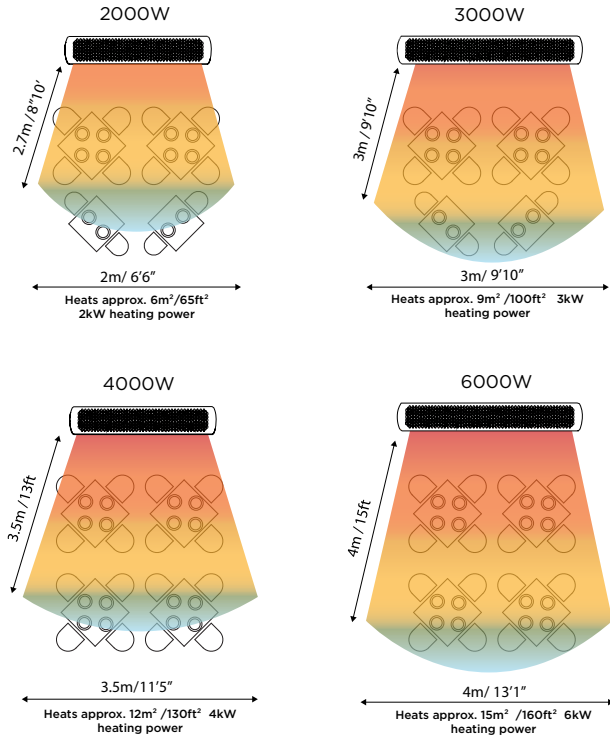
Matte White

*Other colours available on request
- quantity requirements apply

FEATURES

- Available in 2kW, 3kW, 4kW and 6kW models
- Available in black or white
- Half-strength option on 4kW and 6kW models
- Low glow frosted infrared tube heating elements
- High temperature corrosion-resistant coating
- Tamper-proof electrical wiring enclosure
- Adjustable mounting options - wall, ceiling, recessed and extension poles
- Smart system control compatibility to control units from a remote location
- Spectral reflector with optimal aperture that increases heat output

HEAT DISTRIBUTION



*Heat area dependent on ambient temperature and wind. Optimum conditions experienced at approx 15.5°C / 60°F & in a low wind covered environment. Table layout indicative only.

ACCESSORIES

▪ Ceiling poles:

- Various sizes available on request

▪ Mounting options:

- Wall/Ceiling/ Recess kit

*All accessories sold separately



Cozy Heat with a Soft Glow

The Tungsten Smart-Heat™ Electric heater combines the highest levels of efficiency with heating elements that emit a low intensity glow designed to add a subtle ambience that will enhance the atmosphere of any outdoor environment.

Traditional Look with Unique Results

Featuring a black high temperature ceramic finish that presents the unit with a traditional, rustic aesthetic, the Tungsten Smart-Heat™ Electric also provides a larger and wider heat output due to its elongated lamp and steel body design.

Scalable Range to Match a Variety of Locations

Available in four models of varying heating power, each with the option of black or white casing, the Tungsten Smart-Heat™ Electric is adaptable to a range of applications. With flexible mounting brackets that can be used to adjust the angle of heat direction, these models ensure even those hard to reach areas are comfortably warmed.

Perfect for Low Roofs and Awnings

By utilizing a practically engineered design that results in less upward heat loss, the versatile Tungsten Smart-Heat™ Electric heater can be placed in spots with less vertical clearance space, making it the ideal heater solution for under awnings and low ceilings.

Energy and Cost Efficient Features

With both a spectral reflector, that gets the most out of the model's radiant heat output, as well as a half power dimmer on the 4kW and 6kW models, to save electricity where possible, the Tungsten Smart-Heat™ Electric heater has been designed to deliver results as economically as possible.

Straight Forward Installation

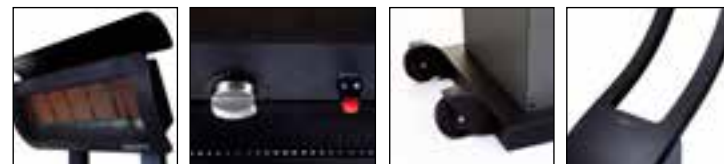
With the help of a qualified installer, easy to follow instructions and a relatively simple plug-in set up, Tungsten Smart-Heat™ Electric heaters uncomplicated installation process means these models can be up and running, using existing infrastructure, in time for the cool winter months.

**LOW GLOW
INFRARED TUBES**





Bromic Tungsten Smart-Heat™ Portable



A New Era in Smart-Heating

The innovative Tungsten Smart-Heat™ Portable is a market changing heating solution that combines modern aesthetics with revolutionary technical advancements.

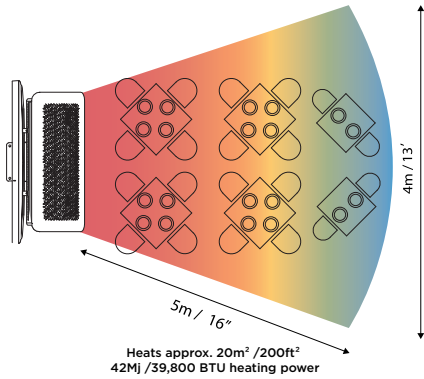
Featuring sleek lines and an elegant black finish, Bromic Heating's newest forward thinking model has been designed to match any contemporary outdoor dining or patio area.

With a high degree of maneuverability and adjustable heating, the Tungsten Smart-Heat™ Portable is one of the most versatile and user friendly portable heaters available.



Tungsten Smart-Heat™
Portable

HEAT DISTRIBUTION



*Heat area dependent on ambient temperature and wind. Optimum conditions experienced at approx 15.5°C/ 60°F & in a low wind covered environment . Table layout indicative only.

FEATURES

- High intensity ceramic burner
- Heat coverage of up to 20m² (215ft²) with a spread of up to 4m (13ft) wide and 5m (16.4ft) deep
- Easy to use controls to adjust level of heat
- Wind resistance up to 12 km/h (7.5 mph)
- Tilting head for directional heat
- Modular design which can easily be assembled, dismantled and stored
- Anti-tilt structure with built-in wheels for easy movement



Limitless Placement Options

The Tungsten Smart-Heat™ Portable combines revolutionary design with advanced levels of functionality and increased standards of performance to deliver a portable heating solution with versatility and positioning possibilities unlike any gas heater on the market.

Powerful Spread with Minimal Heat Loss

Built around superior radiant heating technology that ensures minimal loss of heat even in large open spaces, the Tungsten Smart-Heat™ Portable has been precisely engineered to yield the largest possible heat area, with coverage up to 4m/ 13ft wide and 5m/ 16.5ft deep.

Fully Adjustable Heat Output

Whatever the spatial configuration of the intended application, the Tungsten Smart-Heat™ Portable ensures there is sufficient heat coverage. With a unique tilting head and adjustable heat control, this unit can direct the ideal level of warmth exactly where it needs to be.

Flexible and Portable Assembly

Unlike traditional mushroom style heaters the Tungsten Smart-Heat™ Portable is both practical and user friendly. Built around a modular design composed of sections that can be easily assembled or deconstructed as required, these heaters lead the market in adaptability and mobility.

Maneuverable Functionality

The Tungsten Smart-Heat™ Portable provides a secure heating solution, with features such as sturdy, in-built wheels that allow for an increased degree of movement, as well as the carefully manufactured anti-tilt structure that ensures safe deployment and operation.

Wind Resistant for Non-Stop Performance

Tungsten Portable's technology that ensures that heating elements will effectively operate in winds of up to 12 km/h (7mph), this establishes new levels of consistency and reliability for portable gas heaters.

**WORLD FIRST
ENGINEERING**

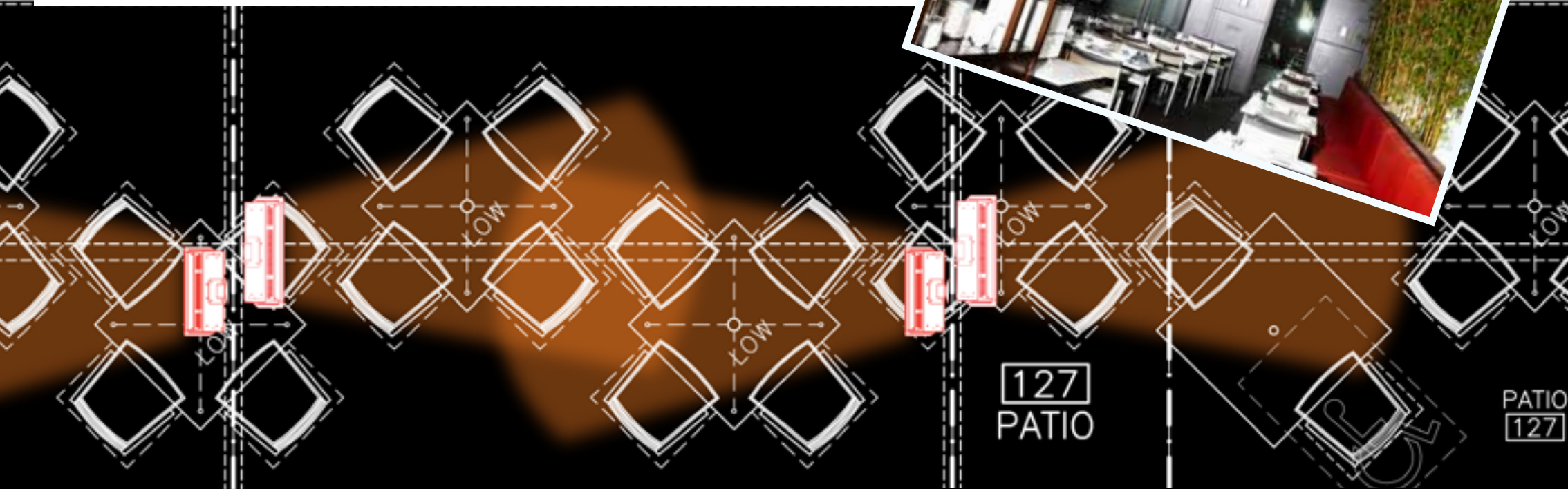


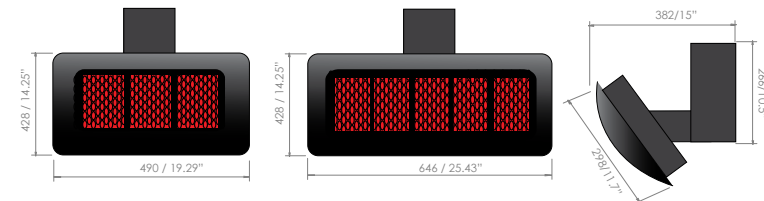
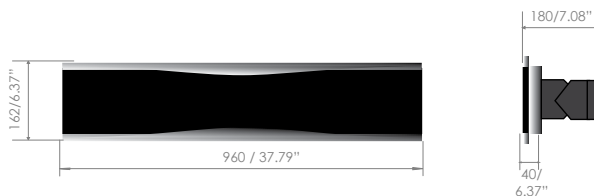
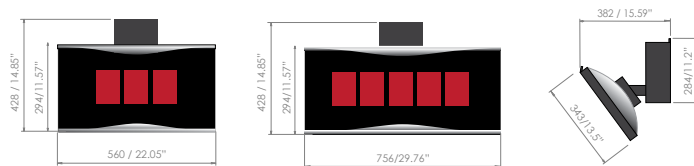
A 'Complete Solution' Design Service

Submit your plans, layouts or architectural drawings to take advantage of Bromic Heating's Free Site Survey and Complimentary Design Service.

By studying your requirements, our design specialists will be able to recommend the most suitable heating configuration to create the ideal atmosphere for your outdoor area. Have peace of mind knowing that your heaters are being installed in the right locations and will deliver optimum levels of heating efficiency.

Bromic Heating has supplied solutions for a range of locations, from large courtyard areas in hotels through to small patios in apartment complexes, as well as outdoor dining areas in restaurants around the world. Regardless of the size of your location, or the country in which it's based, we have a complete heating solution for you.





PLATINUM SMART-HEAT™ GAS

SPECIFICATIONS

	300 Series	500 Series
Ceiling Poles (contact Bromic Heating for more information)	Five length options for different ceiling heights - 3.2m (10.5'), 3.4m (11.2'), 3.6m (11.8'), 3.8m (12.5') and 4m (13') - unit must be mounted 2.5m (8') off the ground	
Heat Output (on Propane LPG and NG)	25Mj / 23,600BTU/6.9kW	42Mj/ 39,800BTU/6.9kW
Approximate area heated	15m² / 161.4ft²	20m² / 200ft²
Gas connection	3/8" M SAE / 1/2" NPT Female	3/8" M SAE / 1/2" NPT Female
Electrical connection	240 Volt, 3-pin insulated plug / 110 Volt, 3-pin insulated plug	240 Volt, 3-pin insulated plug / 110 Volt, 3-pin insulated plug
Dimension (WxDxH)	560 x 382 x 428mm / 22.05" x 15.59" x 14.85"	756 x 382 x 428mm / 29.76" x 15.59" x 14.85"
Min. distance to combustible materials ²	Side: 1100mm / 3.6'	
(without heat deflector) ²	Above (to ceiling): 1100mm / 3.6'	
(with heat deflector) ²	Above (to ceiling): 350mm / 1'2"	
Mounting height requirement to ground ³	Wall Mount: 2000mm, Ceiling Pole Mount: 2500mm	
Weight	12.5kg/33lb	16.5kg/40lb

¹Must only be installed by a licensed technician. Must complete "Pre-Installation Checklist" before installing. ²The temperature will not exceed 65°C/ 149°F above the ambient temperature at specified distances. Please consult material manufacturer for temperature ratings and suitability. Bromic Heating takes no responsibility for material compliance. ³Installation must be performed in accordance with AS5601 installation code (or relevant standard) and must comply with any additional jurisdictional requirements. Bromic takes no responsibility for incorrect or non-compliant installations.

PLATINUM SMART-HEAT™ ELECTRIC

SPECIFICATIONS

Heat Output (Watts)	1500W
Finish	High-temperature Coating
Power connection	240V / 6.5Amp
Dimensions excluding bracket (WxDxH)	960 x 40 x 162mm 37.79" x 1.57" x 6.37"
Weight	6.2kg / 13.66lb

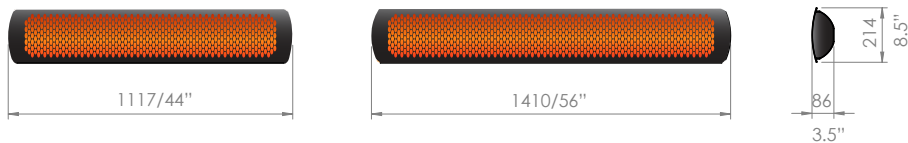
¹Must only be installed by a licensed technician. Not available in U.S.

TUNGSTEN SMART-HEAT™ GAS

SPECIFICATIONS

	300 Series	500 Series
Ceiling Pole (contact Bromic Heating for more information)	Five length options for different ceiling heights - 3.2m (10.5'), 3.4m (11.2'), 3.6m (11.8'), 3.8m (12.5') and 4m (13') - unit must be mounted 2.5m (8') off the ground	
Heat Output (on Propane LPG and NG)	25Mj / 23,600BTU/6.9kW	42Mj/ 39,800BTU/6.9kW
Approximate area heated	15m² / 161.4ft²	20m² / 200ft²
Gas connection	3/8" SAE / 1/2" NPT Female	3/8" SAE / 1/2" NPT Female
Electrical connection	240 Volt, 3-pin insulated plug / 110 Volt, 3-pin insulated plug	240 Volt, 3-pin insulated plug / 110 Volt, 3-pin insulated plug
Dimension (WxDxH)	490 x 464 x 428mm / 19.29" x 14.09" x 14.25"	646 x 464 x 428mm / 25.43" x 14.09" x 14.25"
Min. distance to combustible materials ²	Side: 1100mm / 3.6'	
(without heat deflector) ²	Above (to ceiling): 1100mm / 3.6'	
(with heat deflector) ²	Above (to ceiling): 350mm / 1'2"	
Mounting height requirement to ground ³	Wall Mount: 2000mm, Ceiling Pole Mount: 2500mm	
Weight	14kg/33lb	18kg/40lb

¹Must only be installed by a licensed technician. Must complete "Pre-Installation Checklist" before installing. ²The temperature will not exceed 65°C/ 149°F above the ambient temperature at specified distances. Please consult material manufacturer for temperature ratings and suitability. Bromic Heating takes no responsibility for material compliance. ³Installation must be performed in accordance with AS5601 installation code (or relevant standard) and must comply with any additional jurisdictional requirements. Bromic takes no responsibility for incorrect or non-compliant installations.



TUNGSTEN SMART-HEAT™ ELECTRIC

SPECIFICATIONS	2000W	3000W	4000W	6000W
No. of Elements	Single element	Single element	Double element	Double element
Bracket Length	164mm / 6.5"	164mm / 6.5"	244mm / 9.5"	244mm / 9.5"
Power	2000W	3000W	4000W	6000W
Approximate area heated (Mounting height of 2400mm/94.4")	up to 6m² / up to 65ft²	up to 9m² / up to 100ft²	up to 12m² / up to 130ft²	up to 15m² / up to 160ft²
Power connection required (Volts/Amps)	230 V / 8.3 A/ 220 V / 9 A	230 V / 12.5 A/ 220 V / 13.6 A	230 V / 16.6 A/ 220 V / 18.1A	230 V / 25 A/ 220 V / 27.2A
Dimension (WxDxH)	1117 x 214 x 86mm/ 44" x 8.5" x 3.5"	1410 x 214 x 86mm/ 56" x 8.5" x 3.5"	1117 x 214 x 86mm/ 44" x 8.5" x 3.5"	1410 x 214 x 86mm/ 56" x 8.5" x 3.5"
Minimum Mounting height requirement to ground	Ceiling Mounting - 2400mm / Wall Mounting - 1800mm Ceiling Mounting - 96" (8') / Wall Mounting - 96" (8')			
Weight	9kg/19.8lb	10kg/22lb	9kg/19.8lb	10kg/22lb
Finish	Black/White High Temperature Coating			

*Must only be installed and serviced by a licensed and authorised technician.

Product manual must be read before installing or servicing this product.



TUNGSTEN SMART-HEAT™ GAS PORTABLE

SPECIFICATIONS

Ignition	1.5V repetitive spark ignitor
Adjustable Heat Output	34 MJ - 40.6 MJ / 21,300 BTU - 38,500 BTU
Gas Type	LPG / Propane
Gas Supply	Gas Cylinder not included
Weight (excluding cylinder)	56 Kg/123.5 lbs
Safety features	Flame Failure & Anti-Tilt Safety Device
Gas supply pressure	2.75 kPa / 11"wc

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