SINGLE ELEMENT AREAS COVERED (FEET)

MODEL	WATTS	MOUNTING HEIGHT	AVERAGE	COLD	PROTECTED
W-1512 SS	1,500	6' - 8' (1.8m - 2.4m)	5' x 5' (1.5m x 1.5m)	3' x 3' (0.91m x 0.91m)	7' x 7' (2.1m x 2.1m)
W-2024 SS	2,000	7' - 9' (2.1m - 2.7m)	6' x 6' (1.8m x 1.8m)	4' x 4' (1.2m x 1.2m)	8' x 8' (2.4m x 2.4m)
W-2524 SS	2,500	7' - 9' (2.1m - 2.7m)	7' x 7' (2.1m x 2.1m)	5' x 5' (1.5m x 1.5m)	9' x 9' (2.7m x 2. m)
W-3024 SS	3,000	7' - 9' (2.1m - 2.7m)	8' x 8' (2.4m x 2.4m)	6' x 6' (1.8m x 1.8m)	10' x 10' (3.0m x 3.0m)
W-4024 SS	4,000	8' - 11' (2.4m - 3.4m)	10' x 10' (3.0m x 3.0m)	8' x 8' (2.4m x 2.4m)	12' x 12' (3.7m x 3.7m)

DUAL ELEMENT AREAS COVERED (FEET)

MODEL	WATTS	MOUNTING HEIGHT	AVERAGE	COLD	PROTECTED
WD-3024 SS	3,000	7' - 9' (2.1m x 2.7m)	7' x 7' (2.1m x 2.1m)	5' x 5' (1.5m x 1.5m)	9' x 9' (2.7m x 2.7m)
WD-4024 SS	4,000	8' - 12' (2.4m - 3.7m)	8' x 10' (2.4m x 3.0m)	6' x 8' (1.8m x 2.4m)	10' x 12' (3.0m x 3.7m)
WD-5024 SS	5,000	8' - 12' (2.4m - 3.7m)	9' x 10' (2.7m x 3.0m)	7' x 8' (2.1m x 2.4m)	11' x 12' (3.4m x 3.7m)
WD-6024 SS	6,000	10' - 14' (3.0m - 4.3m)	11' x 11' (3.4m x 3.4m)	10' x 10' (3.0m x 3.0m)	12' x 12' (3.7m x 3.7m)

NOTE: Mounting height should not be less than 6' (1.8m) if the heater is labeled as UL Listed and 8' (2.4m) if the heater is labeled as CUL Listed. Indoor or well-protected environments will generally exceed average. Heaters can provide less than average coverage in extremely cold/windy conditions.

GENERAL NOTES

- INFRATECH QUARTZ TUBE ELECTRIC HEATERS are furnished with wall/ceiling mount swivel brackets. These brackets may be discarded when the heater is hung with chains, special bracketing, or used in conjunction with our flush mount frame.
- See sales literature and price list for full listing of models, descriptions, amperages, and voltages. At times, especially when the mounting height might be quite low, an increased number of smaller heaters can help prevent overheating.
- Heaters up to 15 AMPS can be controlled with a simple INF Input Regulator. This low cost controller, which is actually an infinite switch, gently pulses the heat on and off at regular intervals when not on full power.
- Dual Element Heaters can be wired with our Duplex/Stack Switch, which enables the ability to turn on and off each element independently, providing for half power/full power capabilities.
- For ideal comfort heat, the best solution is to heat from two sides rather than from just one side. However, there are times when this is not practical.
- Coverage areas are approximate dimensions and will vary depending on prevailing and personal comfort levels.
- Indoor or well-protected environments will generally exceed average (see charts). Heaters can provide less than average coverage in extremely cold/windy conditions.

MAINTENANCE INSTRUCTIONS

- Before performing any maintenance, power must be disconnected and the heater cool to touch.
- Heater housing, reflectors, and heating element can be rinsed with a hose or wiped down with isopropyl alcohol, acetone, or glass cleaner. Use a clean, scratch-free rag or paper towel. Any oxidation, surface rust, or discoloration can be removed with a stainless steel cleaner or metal polish on the bare metal surface.
- Make sure all water, solvents, or cleaners are removed and the heater is dry before reconnecting the power.

TROUBLESHOOTING

PROBLEM	WHAT TO DO
Heater does not glow	• Check supply voltage to confirm it matches voltage of heating element.
Low heat output	• A 240V element connected to 110V or 208V will warm, but not glow orange or generate sufficient heat for typical applications (Matching your voltage is extremely important). If element is visibly orange, but there is insufficient heat, refer to the areas covered with respect to conditions and mounting heights. • Replace or clean dirty or non reflective reflectors.
Heater does not work	• Disconnect power and check element with an ohm meter for continuity. If there is any continuity across the bulb, the problem is in the wiring/controls. • Check that there is proper voltage to the heater. • Check that the control/switch is working. • Check main power circuit breaker. • Check wiring for a loose connection or burned wire.

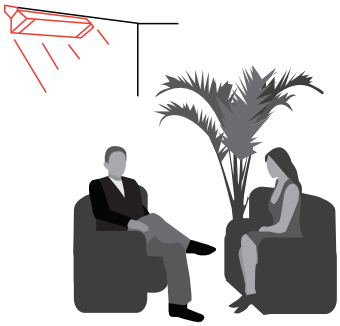
LOCATION SUGGESTIONS

Unless heaters are installed over 12' (3.7m) high, it is generally recommended that all radiant heaters be mounted on an angle to assure that radiant warmth is distributed from the sides rather than straight down on the heads and shoulders of the people being warmed.

RECOMMENDED POSITIONING

Angle fixture 30º to 60º from horizontal face down. Best angle is approximately 45º.

INSTALLATION DIRECTION



Install fixture to heat the area from the “cold side” if possible. This helps compensate for increased body heat losses due to exposure. Warm floors reradiate heat. Warmer air rises from floor. Some heat reflects from floor. Mounting a heater directly over a table or other obstruction will block the energy, primarily heating the object. It is best to move heater to the side, allowing complete body and floor coverage.

OUTDOORS

When outdoors, hang heater under protective roof or weather cover whenever possible. Even though heater is all-weather construction, it will last longer and look better if it is protected from rain and snow.