



More Heat! A lot more.

Lowest operating cost

Precision heat from distance

Smaller carbon footprint

Radiant Optics' HotZone HeatProjector line of electric infrared heaters are the most efficient spot heaters on the market today – and not by just a little bit.

Super-Efficient

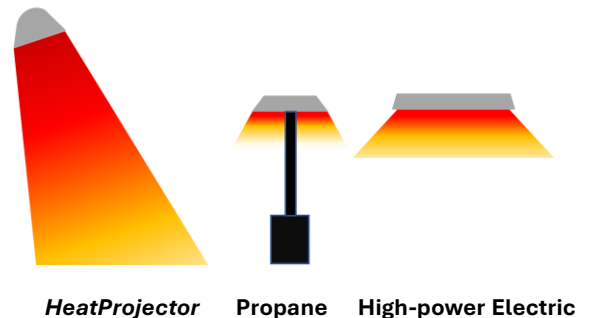
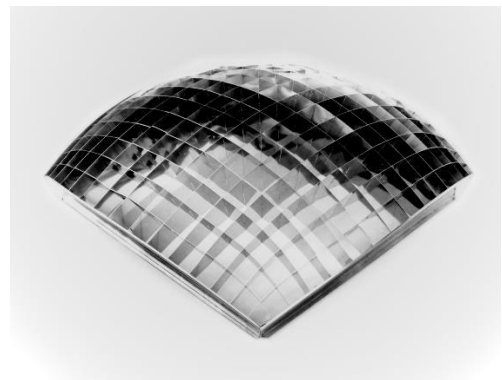
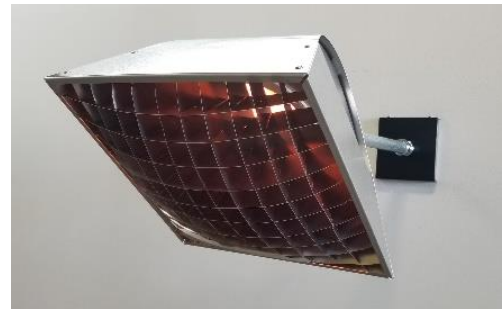
Our high efficiency heat “projector” concentrates heat into a beam that can be pointed at a target area. The result is a huge increase in delivered heat and much lower operating costs. Our *HeatProjector* will easily outperform other IR and propane heaters.

Precision Spot Heat from distance

Our innovative technology can deliver heat from a long distance, in a predictable direction and pattern. Surface temperatures can be raised 40°F+ above the air temperature.

Greener

Propane heaters are dirty and high-powered electric heaters are inefficient. Radiant Optics' *HeatProjectors* produce less than 1/4 of the greenhouse gases of a standard propane heater, and as little as 1/5 of electric IR heaters.



- Building entrances/lobbies
- Golf driving ranges
- Restaurants
- Decks and patios
- Big box retailers
- Warehouses
- Ice and snow removal
- Auto shops
- Machine shops
- Ice rinks
- Farms
- Stadiums

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Radiant Optics Mfg., LLC



Radiantoptics.com

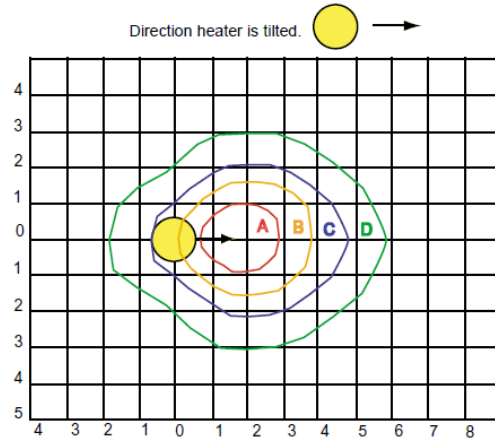
1217 1st St., Marysville WA 98270

Heat Maps – precise pattern, predictable temperature increase

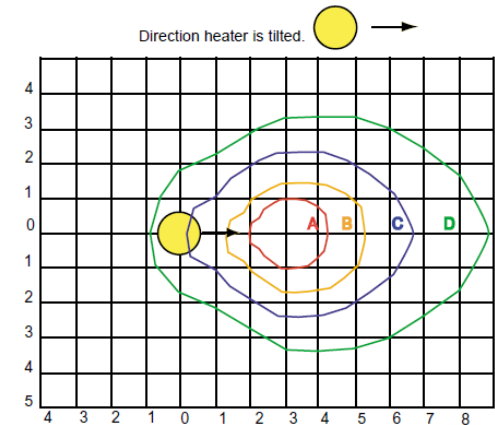
1. Find model, mounting angle and height on table.
2. Multiply the number on the chart axis by the Multiplier to get distance in feet

* Temperature increase on horizontal surface 3ft high. A person will feel a higher temp increase.

Mounting Height (ft)>>>	26 Degrees							
	e 7500			e 15000				
Temp A	8	10	13	8	10	13	18	
Temp B	27	12	7	54	24	14	6	
+°F C	20	9	5	41	18	10	5	
+°F D	14	6	3	27	12	7	3	
Multiplier	1	1.5	2	1	1.5	2	3	



Mounting Height (ft)>>>	45 Degrees							
	e 3750	e7500			e15000			
Temp A	6	8	10	13	8	10	13	18
Temp B	22	18	8	5	36	16	9	4
+°F C	15	14	6	3	27	12	7	3
+°F D	10	9	4	2	18	8	5	2
Multiplier	0.6	1	1.5	2	1	1.5	2	3



Increase delivered heat by:

Lower mounting height

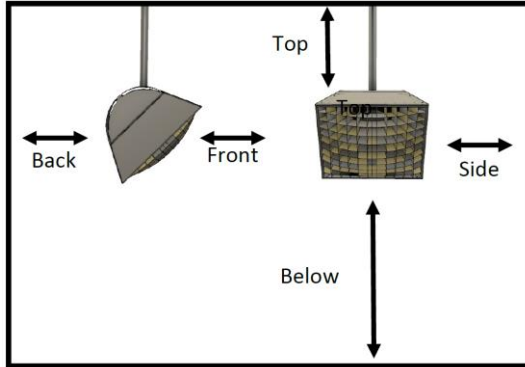
Shallower mounting angle

Overlapping heat patterns. Overlapping patterns are “additive” – ex: two overlapping 7 °F zones will yield +14°F

Dimensions and options

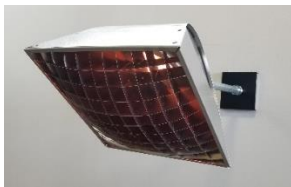
Model	Effective Output	Power Input	Dimensions (LxWxH)	Weight	Mounting Options	Voltage Options
e 3750	3750w	750w	10"x10"x6"	3 lbs	Conduit, Wall, Yoke	120V
e 7500	7500w	1500w	15"x15"x9"	4 lbs	Conduit, Wall, Yoke	120V, 208V, 240V
e 15000	15000w	3000w	21"x21"x12"	7 lbs	Conduit, Wall, Yoke	208V, 240V, 277V

Distance to Combustibles

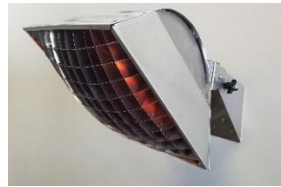


Model	Lens	Distance to Combustibles 45°				
		Side	Front	Back	Top	Below
e 3750	Spot	5"	22	5	4	36
e7500	Spot	9"	30	9	6	48
e15000	Spot	18"	41	18	9	66

Mounting Options



Conduit Mount



Wall Mount



Yoke Mount



Free Standing

Available with e3750 or e7500 HeatProjector
Stainless steel stand, 34" to 79" height, foldable

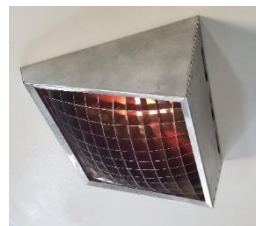
Tip-over safety switch

10 ft heavy duty cord

For outdoor use, not included in ETL listing



Flush Mount



Drop Mount

Model	Type	Heater Info	Bezel Dimensions (LxWxH)	Heater Angle	Ceiling Opening Size (L x W x H) ¹
HPHZe 7500FB	Flush Mount	1500 w, 120V or 240V	15.6" x 15.6" x 2"	0°	14" x 14" x 12"
HPHZe 15000FB	Flush Mount	3000 w, 120V or 240V	22.4" x 22.4" x 3"	0°	14" x 14" x 17"
HPHZe 7500DB	Drop Mount	1500 w, 120V or 240V	15.7" x 18.3" x 7"	26°	14" x 14" x 9.5"
HPHZe 15000DB	Drop Mount	3000 w, 120V or 240V	25.8" x 22.3" x 10.3"	26°	20" x 20" x 13.5"

1. Clearance is required above unit for "distance to combustibles" allowance. Gap can be reduced by lining cavity with cement board.

2. Cavity must be well ventilated with minimum of 6 sqin for e7500 models and 12 sqin for e15000 models, level with or above the heater

3. Drop Mount Bezel tapers from back to front.