

Aitken: The Superior Portable Infrared Heater.
Aitken's Uncompromising Construction Means Better, Safer Heat & Longer Product Life.

Aitken Features:

- All stainless steel clips, no ceramics to break.
- Large 0.425 Diameter Elements, affected less by air movements, plus higher sheath temperature results in more radiant efficiency.
- Components on all Aitken heaters are made in the USA. All replacement parts available for shipping within 24 hours.
- Replacement elements come complete with new mounting hardware, new element clips, and new reflector inserts.



13.5KW - Model

13.5 KW Portables

This is the unit for jobs where there are large air movements and where portability is desirable. It was originally developed for heating workmen outdoors during the winter on the iron ore ranges.

Features:

- Provides warmth, heat coverage within a 90 degree arc up to 20 feet away.
 - Nearly indestructible, made of heavy gauge, mirror finished aluminum with impact-resistant heating elements.
 - Portable, can be operated from welder's outlets, disconnect switches or lighting distribution centers.
 - Operates in any position, standing upright, on its back, side or face.
 - Clean, no combustion byproducts, no fumes, no vents required.
 - Weatherproof, can be operated indoors or out, or hosed off to clean, when not energized.
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4.5KW-Model



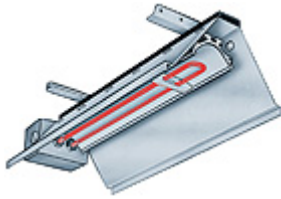
6KW-Model

4.5 & 6 KW Portables

Whenever you have a heating problem that doesn't require a permanent installation, here is your most economical answer.

Features:

- Provides warmth, heat coverage within a 90 degree arc up to 12 feet away (indoor) on the 6KW, within a 90 degree arc up to 10 feet away (indoor) on the 4.5KW.
- Nearly indestructible, made of heavy gauge, polished aluminum with impact-resistant heating elements.
- Portable, can be operated from welder's outlets, disconnect switches or lighting distribution centers.
- PPH operates in any position, standing upright, on its back, or side.
- Clean, no combustion byproducts, no fumes, no vents required.
- Weatherproof, can be operated indoors or out, or hosed off to clean, when not energized.



13.5KW-Model

2KW - Model



6KW Model



Aitken Overhead Infrared Heaters.

Aitken Features:

- Nearly indestructible, made of heavy gauge, polished aluminum with impact-resistant heating elements.
- Designed for overhead installations but can be used in many positions.
- Easy installation, mounting brackets are provided for hanging units.
- Clean, no combustion byproducts, no fumes, no vents required.
- Weatherproof, can be operated indoors or out, or hosed off to clean, when not energized.

2 & 4.5KW Overhead Heaters

Our OH series of heaters can be suspended just like fluorescent lighting fixtures to focus heat where desired. They can be used individually or in a group to heat an entire building. The 2KW model delivers 6,824 BTU of radiant heat without the ultraviolet. The 4.5KW model delivers 15,354 BTU.

6 & 13.5KW Overhead Heaters

These heaters handle heavy heating and can also be suspended like fluorescent lighting. The 6KW model delivers 20,472 BTU of radiant heat without the ultraviolet. The 13.5KW model delivers 46,062 BTU.



Process Modules

Aitken Process Heating Equipment Modules.

For Drying, Baking, and Curing

Aitken Infrared Process Modules are designed primarily as process heaters and are not intended for people or comfort heating. Maximum operating ambient temperature of 350 degrees F. Higher object temperatures can be achieved.

Process Modules

Metal sheath heaters allow for precise product temperature control through percentage timers. Operating sheath temperatures of 1450 degrees F or less means that this equipment is a prime source of far infrared heat. Far infrared means less color sensitivity on the product, and the ability to readily see and evaporate moisture.

MODEL EXS

For most average installations. Units are single Incoloy tube in heavy duty extrusions. Replaceable inner reflector. Will mount in any position.

MODEL EXD

Double element heater for higher watt densities. For applications such as warm-up zones in ovens and faster heat input on process equipment. Will mount in any position. If you need new ovens or your existing ovens are incapable of keeping up with today's requirements, this is your most economical answer. To increase temperature and production, these units can be installed in existing warm-up zone, or complete oven sections can be fabricated on a simple angle iron frame. For more efficiency, aluminum sheets can be placed between the extrusion slots to form an inner oven shell and reduce the heat loss. To further increase efficiency, glass insulation and an outer shell can be installed.

- Heavy duty extrusions.
- Heavy duty elements designed for continuous operation at ambient temperatures up to 350 degrees F.

- Stainless steel element support clips.
- No ceramics to deteriorate or break.
- High shock resistance - both physical and thermal.
- Easy installation.
- Wide range of sizes and heats.

NEW! Moisture Resistant Modules

OH-H3 Models have watertight terminal boxes for wash down applications.



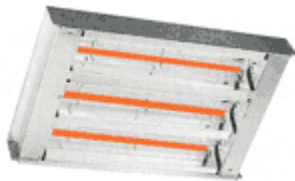
Solarbeam™ Universal Quartz Lamp Infrared Heaters.

Save up to 20% on electric heating bills compared to forced air or convection systems!



Aitken's all weather quartz lamp heaters save up to 20% on electric heating bills compared to forced air or convection systems! Aitken quartz lamp infrared heaters are available in universal "all-weather" models for indoor or outdoor installations. Two types of lamps are also available (push/pull spring-loaded silver tipped contact for easy snap-in connection) or "pigtail" for more positive connections (lamps cannot fall out).

Minimum mounting height - 10 feet. Where ceilings are under 10 feet... or other reasons seem to dictate less than 10-foot mounting height, consult a qualified infrared authority for advice. Do not install closer than 24 inches to vertical surface. Can be stem mounted to any supporting surface. For supply connections, use wire suitable for at least 75°C (167°F).



New!
3-lamp 3-phase models reduce the number of heaters required and can be mounted at greater heights.

Quartz Lamps

Model	Watts	Volts	Amps
Butt Socket QH / SQH			
P70010	500	120	4.17
P70013	1600	208	7.69
P70014	1600	240	6.67
P70015	1600	277	5.78
P70016	2500	480	5.21
Pig Tail QHL / SQHL			
P80005	500	120	4.17
P80208	1600	208	7.69
P80240	1600	240	6.67
P80277	1600	277	5.78
P80480	2500	480	5.21

Quartz Heater Accessories

Recessing Frames	
* PA 9700	For 3200 watt units
* PA 9700-1	For 5000 watt units

Red Vycor Sleeves (Mask out illumination from lamps.) For butt socket or pigtail lamps. Specify heater model**

** P80070	Fits 1600 watt lamp QH heaters
** P80080	Fits 2500 watt lamp QH heaters
** P80069	Fits 500 watt lamp QH heaters

* Not for use with stainless fixtures

** Voids lamp warranty

Wire Guards

P54580-2	Fits 1000 watt double lamp unit
P54580	Fits 3200 watt double lamp unit
P54580-1	Fits 5000 watt double lamp unit
P54581	Fits 1600 watt single lamp unit
P54581-1	Fits 2500 watt single lamp unit
54583-1	Fits 4800 watt
54583	Fits 7500 watt