

Solaira[®]

The unique Solaira Quartz Heater technology is designed to only heat the people and objects within the heat zone, not the air in between them.



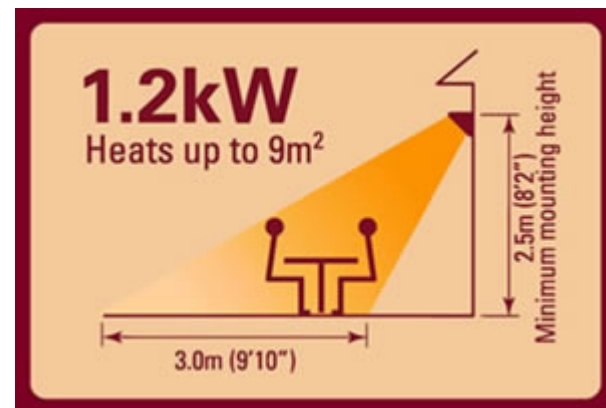
WHY Quartz Infrared Heater ?

Conventional heating systems produce heat energy in the long and medium waveband. Consequently, this type of heating system offers high transmission losses. Heat rushes out when cold air rushes in when ever doors are opened in a building.

The Innovative Quartz Heating shortwave heating Technology provides radiant heat energy which instantly warms people and solid objects within the beam of heat.

WHY CHOOSE SOLAIRA QUARTZ HEATING OVER NATURAL GAS OR PROPANE HEATERS?

- Low operating cost of approximately \$0.15 / hr (based on electricity cost of \$0.08 / KW hour)
- Produces instant heat with no initial warm up time
- Provides reliable heat source that won't blow away or fail to start
- Silent and odorless with no products of combustion
- Wall mounting maximizes floor space with no storage of bulky propane gas bottles



Solaira Alpha Series



Alpha H1, 1.5 – 2.0 kw

Alpha H2, 3.0 – 8.0 kw

Alpha H3, 4.5 – 18.0 kw

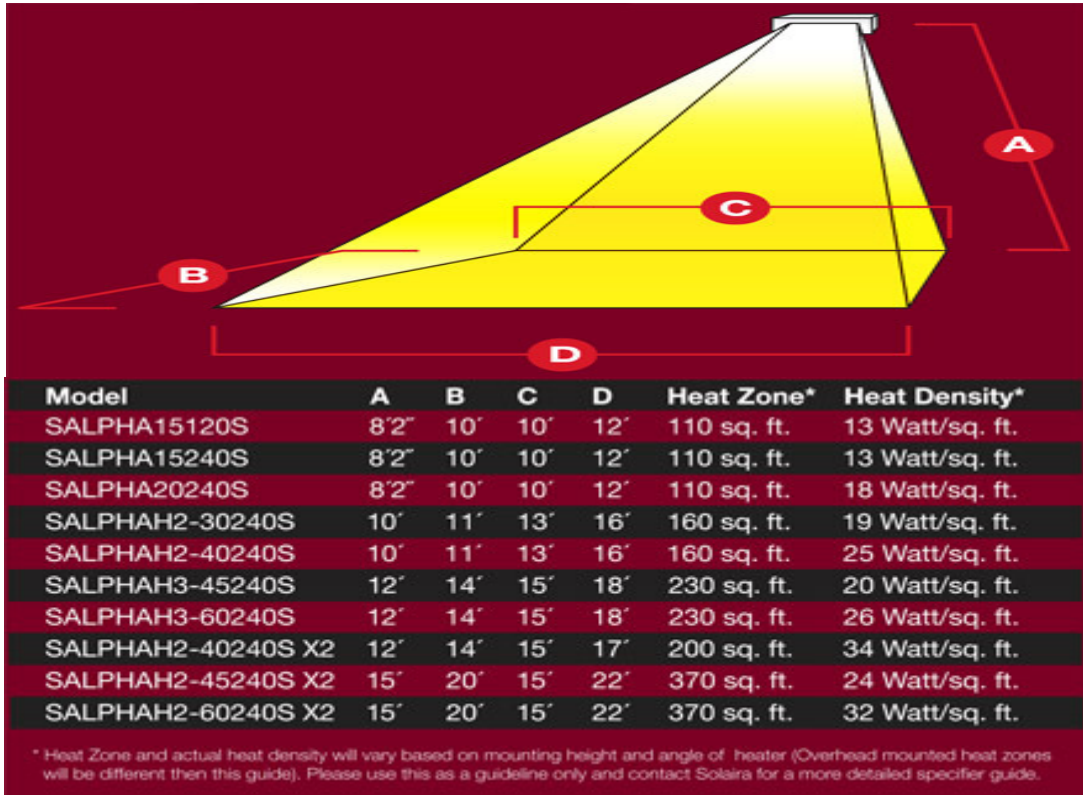
Solaira Authorized Distributer and Installer



AMERICAN AWNING, LLC

Toms River, NJ 08755 * 732-557-4664

Heat coverage pattern - wall mounted



Why choose Solaira Infrared technology

	Solaira S-Wave Infrared Heater	Electric Quartz Tube Infrared Heater	Electric Metal Sheath Heaters	Natural Gas Tube Heater	Propane Umbrella Heater
Radiant efficiency	92 %	60 %	40 %	<40	<40 %
Warm up time	INSTANT	Up to 2 MINUTES	UP TO 5 MINUTES	UP TO 10 MIN.	UP TO 5 MINUTES
Directional	100%	Up to 60%	Up to 45%	Up to 45%	Up to 5%
Affected by wind	Less than 2 %	More than 50%	More than 50%	More than 50%	More than 70%
Operating cost (per 1.5kw heater)	*\$0.11-0.27 per hour based on 1.5kW Heater * Based on energy cost of \$0.07-0.18/kw/H	SAME	SAME	ESTIMATED AT \$1.00/HOUR*** ***BASED ON INDUSTRY ESTIMATES	ESTIMATED AT **\$2.00/HOUR **BASED ON 10 HOUR RUN TIME, 20LBS TANK
Produces carbon monoxide (co2) and nitrous oxide (nox)	NO	NO	NO	YES	YES
Fumes	NO	NO	NO	YES	YES
Venting requirements	NO	NO	NO	YES	YES
Architectural design	YES	NO	NO	NO	NO
Maintenance	MINIMAL	MINIMAL	MINIMAL	YES	YES