

# Solaira<sup>o</sup>™

# alpha SERIES



**Powerful, versatile heating system, engineered for commercial, industrial and residential applications.**

The SOLAIRA ALPHA SERIES electric infrared heaters represent the evolution of engineered short wave heating technology. Alpha Series Heaters produce short wave length infrared that convert 90% of consumed energy to instant, controllable, directional heat. This heating technology is not affected by wind or draft as it warms people, objects and things and not the air.

The modular design of the Solaira Alpha Series allows specifying engineers to adjust and direct specified heating loads based on area requirements. The Alpha Series modern, sleek design allows architects to integrate heating technology with clean un-intrusive lines. Alpha Series Heaters are engineered to meet IP24 standard for water spray so they can be installed in both wet (outdoor) or dry conditions (indoor or outdoor).

**3** year  
Fixture \*  
Warranty



**WEATHER  
PROOF  
TECHNOLOGY**



**ENERGYSMART  
Co<sup>2</sup> Free!**

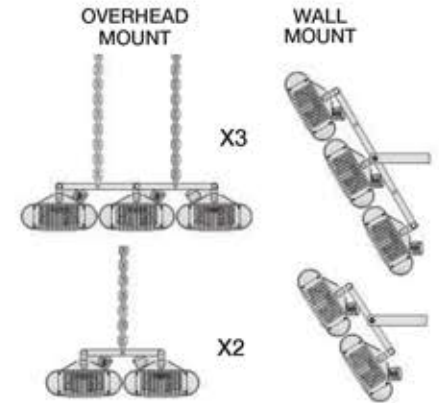


- Powder coated aircraft aluminum body and mounting brackets, stainless steel mounting hardware
- Indoor OR outdoor rated for wet or dry conditions
- Modular design for engineered heat load requirement
- Engineered for both wall and overhead mounting
- 90% energy conversion with no Co<sup>2</sup> or NOX emission
- cCSAus listed and certified to ANSI/UL 1278, UL 2021, ANSI/UL 875 and ANSI/UL 834

In association with members of:

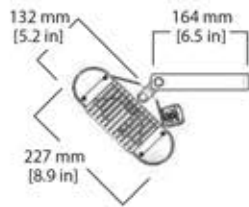


## MOUNTING CONFIGURATIONS



Connecting brackets allow for high density application and adjustable focal point. Specification requires 2 heaters and X3, 3 heaters.

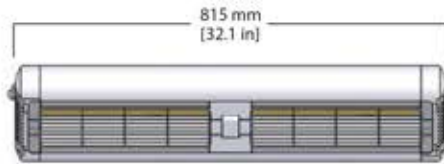
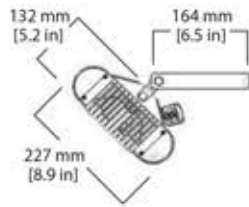
Solaira variable controllers, timers and occupancy sensors allow you to control precise heat requirements and minimize energy consumption.



Single Emitter

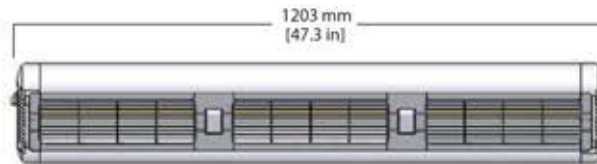
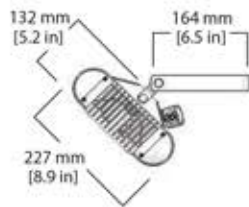
Weight 7.5 lbs [3.4 kg]

## SPECIFICATIONS



H2- Double Emitter

Weight 12.3 lbs [5.6 kg]



H3- Triple Emitter

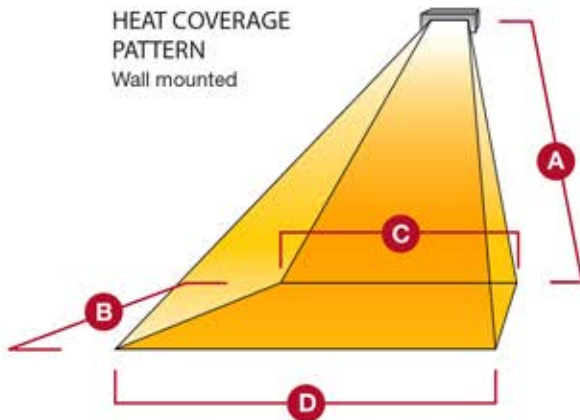
Weight 17.6 lbs [8.0 kg]

All Commercial heaters should be installed by certified electrician to local and state electrical codes

**Not Suitable for Recess Application**

## HEAT COVERAGE PATTERN

Wall mounted



## Heat Coverage Examples

Model	A	B	C	D	Heat Zone*	Heat Density*
SALPHA15120S	8'2"	10'	10'	12'	110 sq. ft.	13 Watt/sq. ft.
SALPHA15240S	8'2"	10'	10'	12'	110 sq. ft.	13 Watt/sq. ft.
SALPHA20240S	8'2"	10'	10'	12'	110 sq. ft.	18 Watt/sq. ft.
SALPHAH2-30240S	10'	11'	13'	16'	160 sq. ft.	19 Watt/sq. ft.
SALPHAH2-40240S	10'	11'	13'	16'	160 sq. ft.	25 Watt/sq. ft.
SALPHAH3-60240S	12'	14'	15'	18'	230 sq. ft.	26 Watt/sq. ft.
SALPHAH2-40240S X2	12'	14'	15'	17'	200 sq. ft.	34 Watt/sq. ft.
SALPHAH3-60240S X2	15'	20'	15'	22'	370 sq. ft.	32 Watt/sq. ft.

\* Heat Zone and actual heat density will vary based on mounting height and angle of heater (Overhead mounted heat zones will be different than this guide). Please use this as a guideline only and contact Solaira for a more detailed specifier guide.

Solaira Alpha Series available in Silver grey. Custom RAL Color available as special order.

Model (S-silver/grey color)	Watt	Volt	Ampere	L x D x H	Weight	Emitter(s)	Replacement Emitter
SALPHA15120S	1.5kW	120V	12.5A	16 x 6 x 9	7.5 lbs	1 emitter	SWIREAW15120
SALPHA15240S	1.5kW	240V	6.25A	16 x 6 x 9	7.5 lbs	1 emitter	SWIREAW15240
SALPHA20240S	2.0kW	240V	8.33A	16 x 6 x 9	7.5 lbs	1 emitter	SWIREAW20240
SALPHAH2-30240S	3.0kW	240V	12.5A	32 x 6 x 9	12.3 lbs	2 emitter	SWIREAW15240
SALPHAH2-40240S	4.0kW	240V	16.7A	32 x 6 x 9	12.3 lbs	2 emitter	SWIREAW20240
SALPHAH3-60240S	6.0kW	240V	25A	48 x 6 x 9	17.6 lbs	3 emitter	SWIREAW20240

## HIGH OUTPUT MODULAR OPTIONS - sample configurations

Model	Watt	Volt	L X D X H	Weight	Emitter(s)	Replacement Emitter
SALPHAH2-40240S X2	8.0kW	240V*	32 X 6 X 18	24.6 lbs	4 emitter	SWIREAW20240
SALPHAH3-60240S X2	12.0kW	240V*	48 X 6 X 18	35.2 lbs	6 emitter	SWIREAW20240

# Solaira™



CUSTOM RAL COLOR AVAILABLE



**System Equine**  
 SystemEquine.com  
 Sales@SystemEquine.com  
 1 (800) 461-3362

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 Specification subject to change without notice.

\* Visit your local authorized Solaira dealer for details.