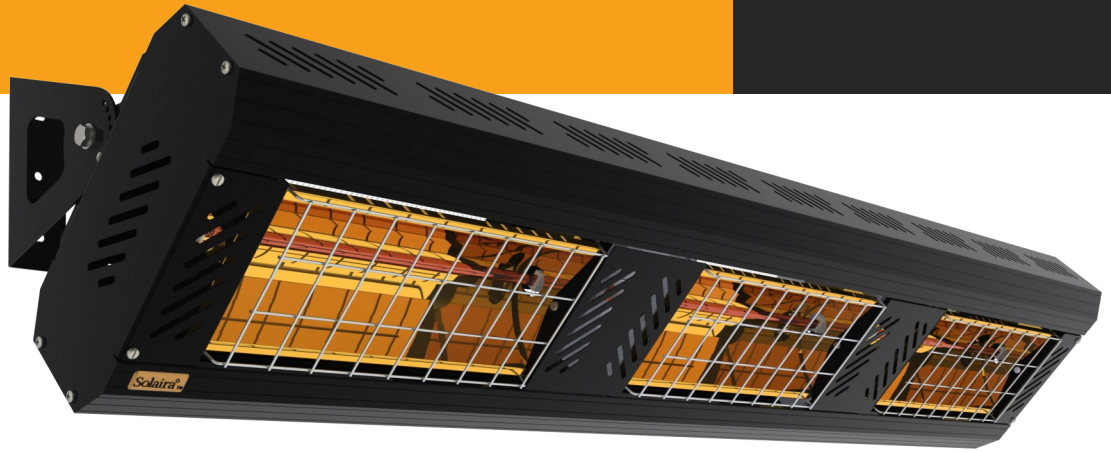


ICR SERIES

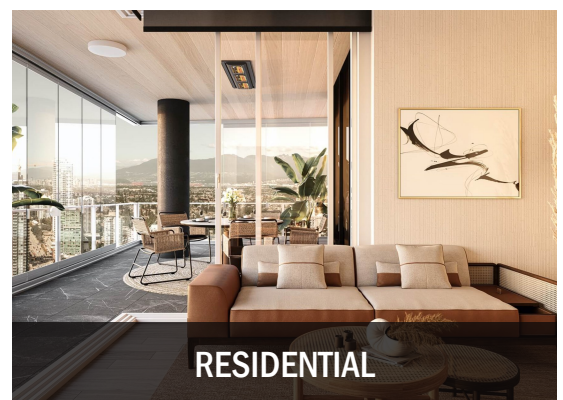
Bring the heat with the Solaira^o™ ICR series. ICR delivers Solaira’s quality design and industry leading performance to your restaurant, outdoor room or production facility. This high output radiant heater delivers short wave radiant heat while it’s robust aircraft grade powder coated extruded aluminum shell provides rigidity for years of use. Designed for the most demanding installation requirements, the unit is IP 55 rated and will outperform competitive products when the weather turns.



CERTIFIED TO
 UL 2021—Electric Air Heaters
 CSA 22.2 No.46-13—Electric Air Heaters

KEY FEATURES

- Up to 6,000W / 20,500 BTU
- Ultra Low Light Infrared emitters and gold polished radiant reflectors
- IP55 Weather protection for fully exposed environments
- Low clearances to ceilings
- Fully adjustable mounting brackets included
- cCSAus approved for ceiling recess application, industry leading ceiling recess cavity size
- Control systems for all applications—from simple standalone wall control to full BMS smart home integration with 0-10v input capability

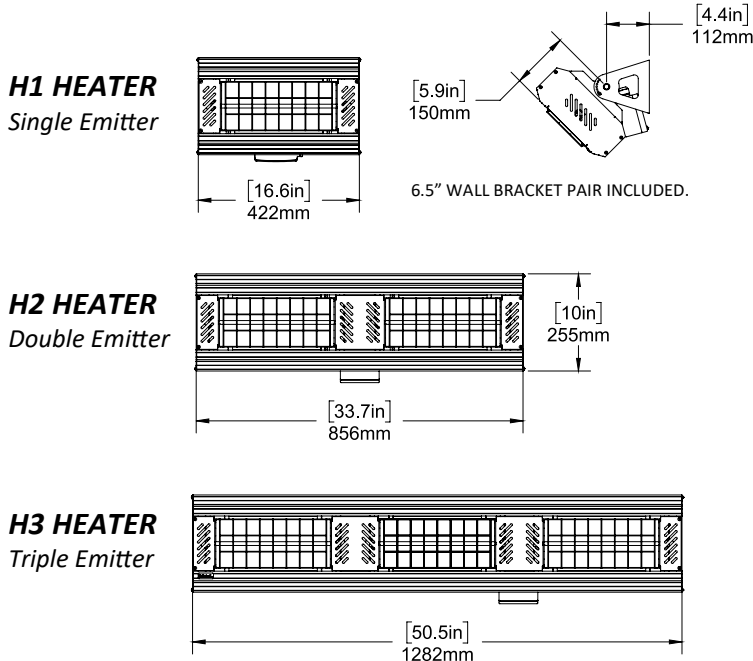


TECHNICAL DATA

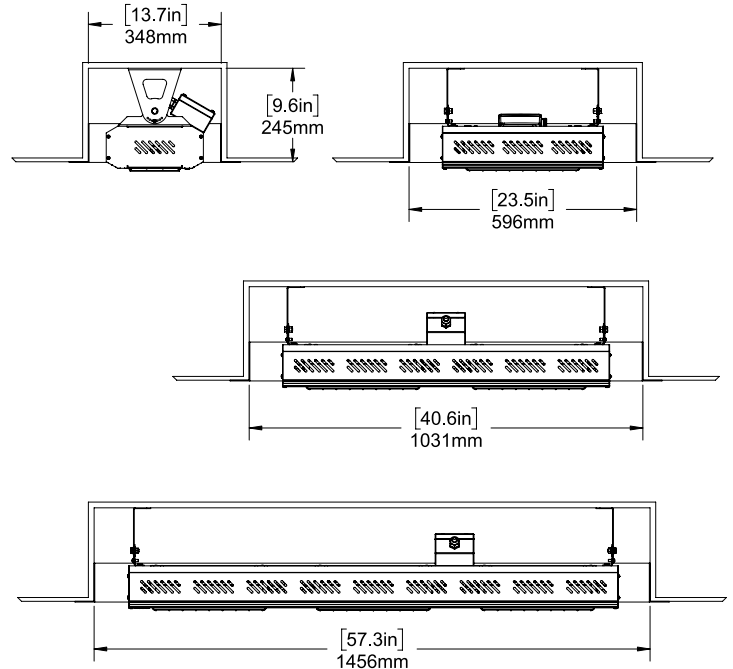
CONFIGURATION	MODEL * = COLOR [W = SEMIGLOSS WHITE] [B = SEMIGLOSS BLACK]	WATTS	BTU's	VOLTS	AMPS	INPUT POWER	WEIGHT	REPLACEMENT EMITTER
H1 HEATER Single Emitter	SICR-20240BL1* [B]	2000	6820	240	8.3	208-240 VAC 50/60 Hz 1 Φ	6.6 lbs (3.0kg)	IWIRE20240L1
		1500	5115	208	7.2			
H2 HEATER Double Emitter	SICR-30240L1* [B / W]	3000	10230	240	12.5		13 lbs (6.0kg)	IWIRE15240L1
		2250	7673	208	10.8			
	SICR-40240L1* [B / W]	4000	13640	240	16.7			IWIRE20240L1
		3000	10230	208	14.4			
H3 HEATER Triple Emitter	SICR-45240L1* [B]	4500	15345	240	18.8		17.6 lbs (8.0kg)	IWIRE15240L1
		3375	11509	208	16.2			
	SICR-60240L1B* [B / W]	6000	20460	240	25.0			IWIRE20240L1
		4500	15345	208	21.6			

HEATERS RATED FOR 240V ARE APPROVED TO BE USED ON 208V CIRCUITS. HEATER OUTPUT WILL BE REDUCED BY APPROXIMATELY 25%.

HEATER DIMENSIONS



RECESS BOX DIMENSIONS*



HEATER CONSTRUCTION

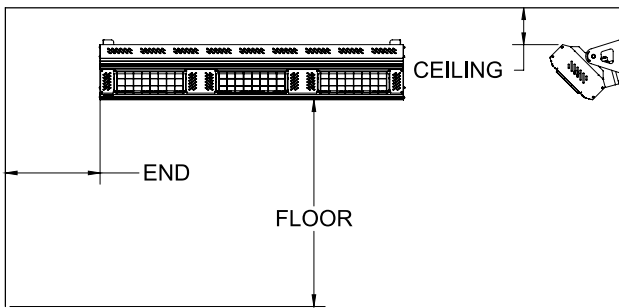
HEATER BODY	EMITTER	REFLECTOR	EMITTER GUARD	INGRESS PROTECTION	POWER SUPPLY
Aircraft Grade extruded aluminum	Solaira° Candel ultra low light emitter	Gold Anodized mirror polished aluminum	Nickel dipped Carbon Steel wire cage	IP-55 resistance for low pressure water jets	6'7 (2.0m) high temperature silicone leads

*CEILING RECESS INSTALLATION REQUIRES cCSAus APPROVED TRIM KIT AND 1 HOUR FIRE RATED BOX (PROVIDED BY INSTALLER). FIRE RATED BOX DEFINED AS BOX WITH MINIMUM INTERIOR DIMENSIONS SHOWN IN ABOVE DIAGRAMS, MADE OF 1 HOUR FIRE RATED MATERIAL. CONSULT LOCAL FIRE MARSHAL FOR FURTHER INFORMATION

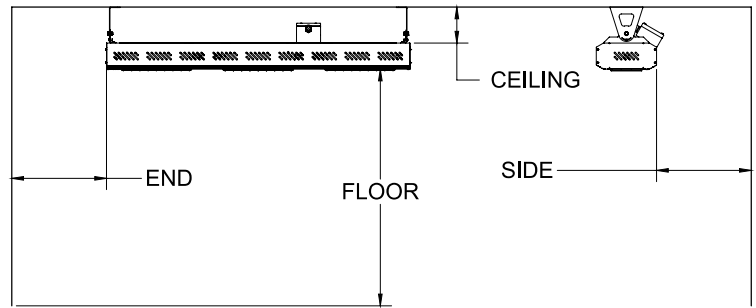
HEATER CLEARANCES

MINIMUM CLEARANCES TO ADJACENT SURFACES						
CONFIGURATION	MODEL	FLOOR	CEILING	ENDS	SIDES	MOUNTING OPTION
H1 HEATER	SICR-20240L1	6'7" (2.0m)	6" (152mm)	39" (1m)	39" (1m)	WALL CEILING RECESSED
H2 HEATER	SICR-30240L1	8'2" (2.5m)	6" (152mm)	39" (1m)	39" (1m)	
	SICR-40240L1	8'2" (2.5m)	6" (152mm)	39" (1m)	39" (1m)	
H3 HEATER	SICR-45240L1	9' (2.7m)	6" (152mm)	59" (1.5m)	59" (1.5m)	
	SICR-60240L1	10'(3.1m)	6" (152mm)	59" (1.5m)	59" (1.5m)	

WALL MOUNT



CEILING MOUNT



HEATER COVERAGE PATTERNS

H1 HEATER - Single Emitter Coverage

MODEL	MOUNTED AT	WIDTH	DEPTH	AVERAGE HEAT DENSITY
SICR-20240L1	8' (2.4m)	12.5' (3.8m)	4.5' (1.4m)	24 W/ft ²

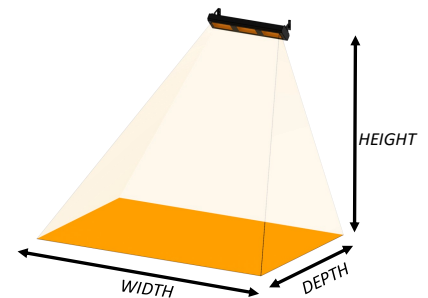
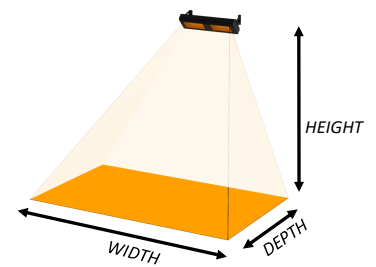
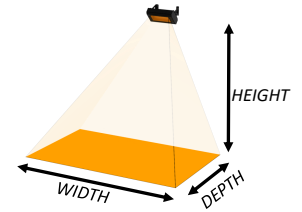
NOTE: Heat density reduced by 25% when 240V heaters are used on 208V

H2 HEATER - Double Emitter Coverage

MODEL	MOUNTED AT	WIDTH	DEPTH	AVERAGE HEAT DENSITY
SICR-30240L1	8' (2.4m)	14.5' (4.4m)	5.5' (1.7m)	27 W/ft ²
SICR-30240L1	10' (3.1m)	15.5' (4.7m)	5.5' (1.7m)	21 W/ft ²
SICR-40240L1	8' (2.4m)	16.5' (5.0m)	6.5' (2.0m)	29 W/ft ²
SICR-40240L1	10' (3.1m)	17.5' (5.3m)	6.5' (2.0m)	24 W/ft ²

H3 HEATER - Triple Heater Coverage

MODEL	MOUNTED AT	WIDTH	DEPTH	AVERAGE HEAT DENSITY
SICR-45240L1	9' (2.7m)	18' (5.5m)	6.5' (2.0m)	29 W/ft ²
SICR-45240L1	11' (3.4m)	19' (5.8m)	7' (2.1m)	22 W/ft ²
SICR-60240L1	10' (3.1m)	20.5' (6.2m)	7.5' (2.3m)	29 W/ft ²
SICR-60240L1	12' (3.6m)	22' (6.7m)	8' (2.4m)	23 W/ft ²



FOR MOUNTING HEIGHTS 12' OR LESS, WALL AND CEILING MOUNT COVERAGE PATTERNS ARE SIMILAR

DATA-DRIVEN HEATER LAYOUTS

Solaira's HEATSPEC tool delivers elevated heater coverage visualizations. Requesting a HEATSPEC layout removes the guesswork of heater placement and allows you to define and specify heat rise for a target area. Request a HEATSPEC Layout from your sales rep.



HEAT SPEC AVAILABLE

CONTROLS

ON / OFF CONTROL

SMART Timer Controller

SMRTTIM40—16.6A
SMRTTIM60—25A



SMART Occupancy Controller

SMRTOCC40—16.6 A
SMRTOCC60—25 A



VARIABLE OUTPUT CONTROL

SMART Series Controller

SMART16-DV—16.6A
SMART34-DV—34A



FEATURES

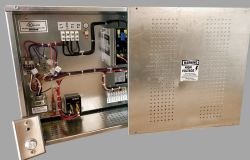
- Variable output
- Dual Voltage
- IP 65 ingress protection
- Onboard temperature monitor (SMaRT 34 only)
- cETL SPE 1000 Canada Inspected

SMaRT Accessories

Part Number	Description
SM-WSD	Wall Switch
SMRTVRMT	Handheld IR Remote Control
SMRTVTEM-R	Remote Temperature Monitor
SMRTOCC	Occupancy sensor

OMNIS Series Controller

PASCR30-1-DIN—30A
PASCR90-1-DIN—90A
PASCR165-1-DIN—165A



FEATURES

- Single Zone, Single phase, sized by Amperage
- BMS, BACnet Ready 0-10DCv/4-20mA Input
- Lutron, Crestron, Control 4 ready
- Included Potentiometer for 100% controllability
- Breaker sub-panel by others as required
- UL 508 / CSA 22.2-286 Approved

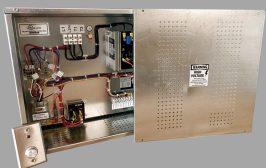
OMNIS Accessories

Part number	Description
PSST-MAXTIM	Multi-Functional Input Timer
PSW-2BW	2 button Decora switch*
PSW-OS	Occupancy Sensor*
PSW-THERMV3	Adjustable Thermostat

*requires PSST-MAXTIM

OMNIS Custom Controller

Unlimited—CONTACT SALES REP



FEATURES

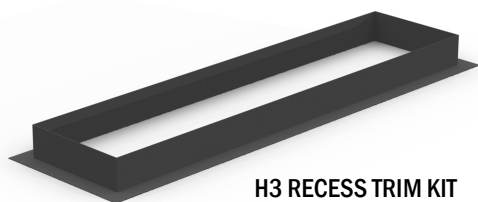
- Single zone or multi zone
- Single phase or 3 phase systems
- Individually fused inputs and outputs
- BMS, BACnet Ready 0-10DCv/4-20mA Input
- Lutron, Crestron, Control 4 ready
- Custom load management, input and outputs
- UL 508 / CSA 22.2-286 Approved

OMNIS Accessories

Part number	Description
PSST-MAXTIM	Multi-Functional Input Timer
PSW-2BW	2 button Decora switch*
PSW-OS	Occupancy Sensor*
PSW-THERMV3	Adjustable Thermostat

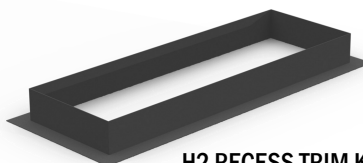
*requires PSST-MAXTIM

ACCESSORIES



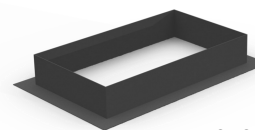
H3 RECESS TRIM KIT

SICR-H3-TRMB [BLACK]
SCIR-H3-TRMW* [WHITE]
*SPECIAL ORDER



H2 RECESS TRIM KIT

SICR-H2-TRMB [BLACK]
SCIR-H2-TRMW* [WHITE]
*SPECIAL ORDER



H1 RECESS TRIM KIT

SICR-H1-TRMB [BLACK]
SCIR-H1-TRMW* [WHITE]
*SPECIAL ORDER

*CEILING RECESS INSTALLATION REQUIRES cCSAus APPROVED TRIM KIT AND 1 HOUR FIRE RATED BOX (PROVIDED BY INSTALLER). FIRE RATED BOX DEFINED AS BOX WITH MINIMUM INTERIOR DIMENSIONS SHOWN IN ABOVE DIAGRAMS, MADE OF 1 HOUR FIRE RATED MATERIAL. CONSULT LOCAL FIRE MARSHAL FOR FURTHER INFORMATION

CERTIFICATION



UL 2021—Electric Air Heaters

CSA 22.2 No.46-13—Electric Air Heaters

WARRANTY

FIXTURE

3 years - workmanship and materials

EMITTER BULB

1 year—workmanship and materials

DUE TO OUR POLICY OF ONGOING IMPROVEMENT, WE RESERVE THE RIGHT TO MAKE CHANGES TO SPECIFICATIONS WITHOUT NOTICE.