

PRODUCT CATALOG

ONE-STOP RESOURCE FOR DESIGNING
INFRARED HEATING SOLUTIONS



SUPERIOR
RADIANT PRODUCTS



www.superiorradiant.eu

SAVING ENERGY FOR FUTURE GENERATIONS
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ABOUT SRP

SRP is an industry leader in the design and manufacture of energy-efficient infrared heating solutions and is dedicated to providing superior technology and superior performance. Located in the U.S.A., Canada, Europe, and China, SRP offers a complete range of low and high-intensity infrared heaters for industrial, commercial, agricultural, and residential applications worldwide.

CE Certified Products

Our products are designed, built and tested to ensure compliance with relevant CE directives. CE marking is a certification mark that indicates conformity with health, safety, and environmental protection standards for our products sold within the European Economic Area (EEA).

Energy-Related Products (ErP) Directive

Our products comply with ErP Directive (EU/2016/426), the eco-design directive established by the European Union (EU). Superior Radiant Products and its importers provide customers with products that are more energy and resource-efficient.

Certification to the ISO-9001 standard guarantees that we consistently providing products and services that meet customer and applicable statutory and regulatory requirements and aim to enhance customer satisfaction through the effective application of the system.

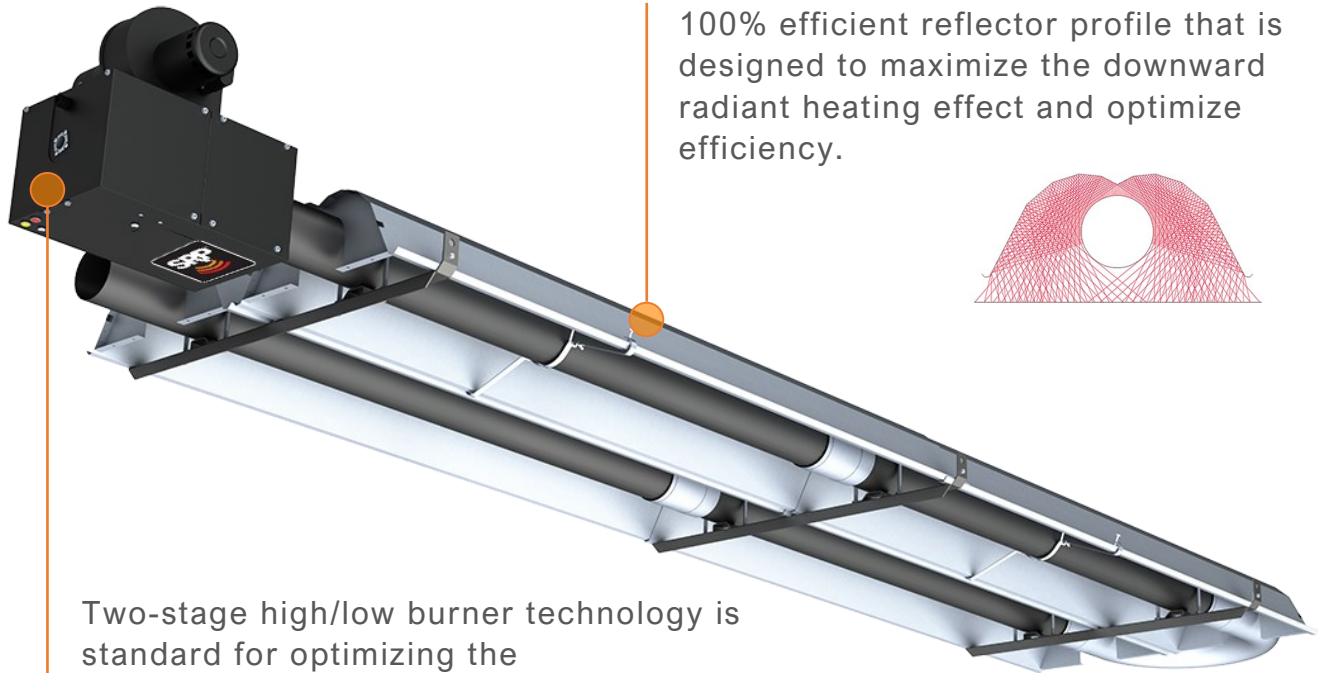
SRP Adapts to the Future

Superior Radiant Products is always looking to the future. We plan to keep our products at the leading edge of technology and performance as the world transitions away from fossil fuels. Our burners are now ready for up to 25% hydrogen fuel mixtures while our R&D department is developing 100% hydrogen capable burners. All our products are now 100% biofuel capable with our engineering team able to provide all the support necessary to ensure clean fossil fuel free combustion.

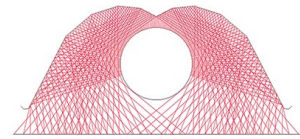


PRODUCT FEATURES

Radiant Tube Heaters, L and U Configurations



100% efficient reflector profile that is designed to maximize the downward radiant heating effect and optimize efficiency.



Two-stage high/low burner technology is standard for optimizing the combination of energy-savings and comfort.
*can be operated as single stage

Made with a heat-treated (calorized) aluminized emitter tube surface. The 0.85 emissivity provides maximum radiant output.

CLEAN, QUIET, DRAFT-FREE HEAT



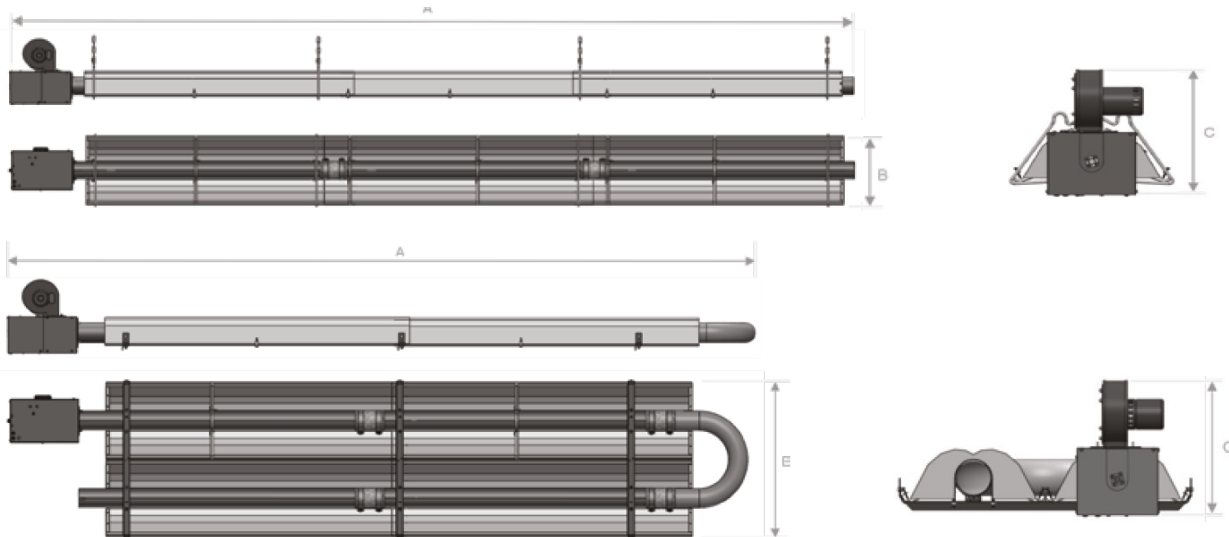
Heavy-duty brackets & couplings, are designed to carry the weight of the entire system and can be supported to direct the emitter at a 45-degree angle if needed.



PRODUCT SPEC

Push Radiant Tube Heaters, L and U Configurations

Model			EUA (Linear)						EUA (U-Tube)					
			10	20	30	40	50	60	20S	20	30	40	50	60
Heat Input (Natural Gas)	High Fire	kW (gross)	11	22	30	43.5	52.5	61	22	22	30	43.5	52.5	61
	Low Fire	kW (gross)	8.5	17	23	32	39.5	44.5	17	17	23	32	39.5	44.5
Heat Input (Propane LPG)	High Fire	kW (gross)	10.5	21.5	29.5	40	N/A		21.5	21.5	29.0	40	N/A	
	Low Fire	kW (gross)	8.5	16.5	23	31	N/A		16.5	16.5	23	31	N/A	
Gas Connection	BSP/Rc		1/2"						1/2"					
Gas Supply Pressure	mbar		Nat Gas - 20 / Propane - 37						Nat Gas - 20 / Propane -37					
Electric Supply	V/ph/Hz		230/1/50						230/1/50					
Minimum Gas Flow Rate	m3/h	Nat Gas	0.8	1.6	2.2	3.0	3.8	4.2	1.6	1.6	2.2	3.0	3.8	4.2
		LPG	0.3	0.6	0.9	1.2	N/A		0.6	0.6	0.9	1.2	N/A	
Maximum Gas Flow Rate	m3/h	Nat Gas	1.0	2.1	2.9	4.1	5.0	5.8	2.1	2.1	2.9	4.1	5.0	5.8
		LPG	0.4	0.8	1.1	1.6	N/A		0.8	0.8	1.1	1.6	N/A	
Flue Diameter	mm		100						100					
Air Inlet Connection	mm		100						100					
Suggested Mounting Heights	Minimum (m)		2.5	3.0	4.0	5.0	5.5	6.5	3.0	3.0	4.0	5.0	5.5	6.5



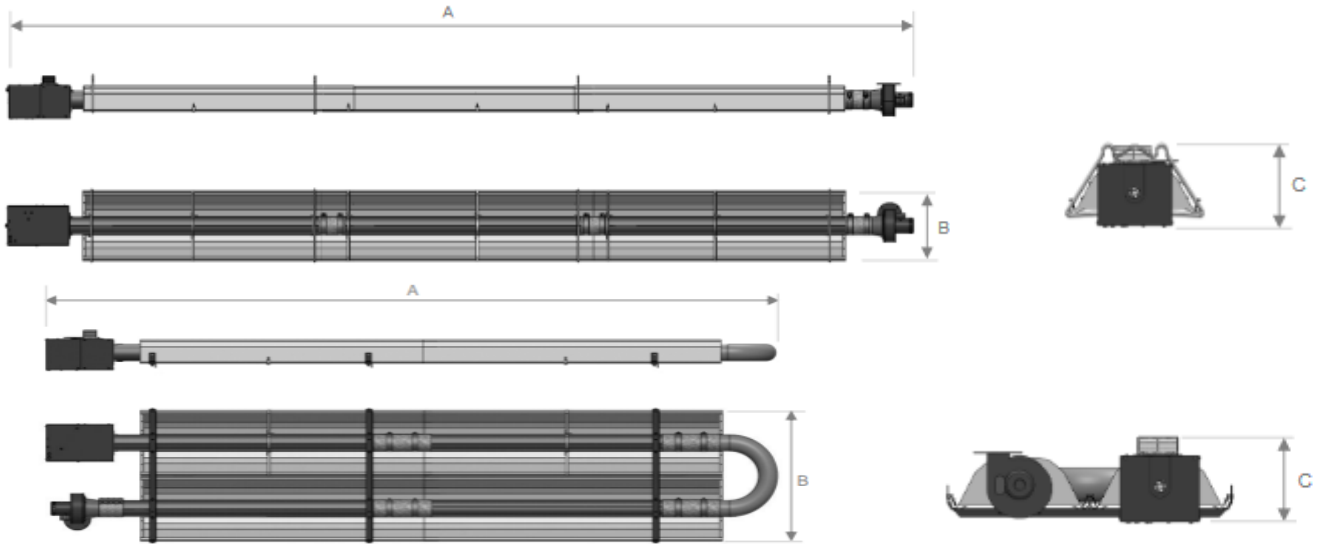
Dimensions & Weights

Model		EUAL (Linear)						EUAU (U-Tube)					
		10	20	30	40	50	60	20S	20	30	40	50	60
A	mm	3400	9500	9500	12550	18650	21700	3875	5400	5400	6950	10000	11480
B	mm	400	400	400	400	400	400	900	900	900	900	900	900
C	mm	400	400	400	400	400	400	390	390	390	390	390	390
Weight kg		46	64	64	80	112	127	52	66	66	82	114	129

PRODUCT SPEC

Vacuum Radiant Tube heaters, U-Tube & U Configurations

Model			EUAV (Vacuum Linear)					EUAV (Vacuum U-Tube)					
			20	30	40	50	60	20S	20	30	40	50	60
Heat Input (Natural Gas)	High Fire	kW (gross)	22	30.5	41	53	60	22	22	30.5	41	53	60
	Low Fire	kW (gross)	17.5	25	32.5	41	49	17.5	17.5	25	32.5	41	49
Heat Input (Propane LPG)	High Fire	kW (gross)	22	30	38	50	57	22	22	30	38	50	57
	Low Fire	kW (gross)	17	23.5	29.5	40	45	17	17	23.5	29.5	40	45
Gas Connection	BSP/Rc		1/2"					1/2"					
Supply Pressure	mbar		Nat Gas - 20 / Propane - 37					Nat Gas - 20 / Propane - 37					
Electrics	V/ph/Hz		230/1/50					230/1/50					
Minimum Gas Flow Rate	m3/h	Nat Gas	1.7	2.4	3.1	3.9	4.7	1.7	1.7	2.4	3.1	3.9	4.7
	m3/h	LPG	0.7	0.9	1.2	1.5	1.8	0.7	0.7	0.9	1.2	1.5	1.8
Maximum Gas Flow Rate	m3/h	Nat Gas	2.1	2.9	3.9	5.1	5.7	2.1	2.1	2.9	3.9	5.1	5.7
	m3/h	LPG	0.8	1.1	1.5	2.0	2.3	0.8	0.8	1.1	1.5	2.0	2.3
Flue Diameter	mm		100					100					
Air Inlet Connection	mm		100					100					
Suggested Mounting Heights	m		3.0	4.0	5.0	5.5	6.5	3.0	3.0	4.0	5.0	5.5	6.5
For EUAVDL (Vacuum Double Linear) units the heat input and maximum gas flow rate are doubled)													



Dimensions & Weight

Model		EUAVL (Vacuum Linear)					EUAVU (Vacuum U-Tube)						
		20	30	40	50	60	20S	20	30	40	50	60	
A	mm	9850	9850	12900	19000	22050	3875	5400	5400	6950	10000	11480	
B	mm	400	400	400	400	400	900	900	900	900	900	900	
C	mm	250	250	250	250	250	250	250	250	250	250	250	
Weight kg		62	64	80	112	127	52	64	66	82	114	129	
For EUAVDL (Vacuum Double Linear) units the heat input and maximum gas flow rate are doubled)													

PRODUCT FEATURES

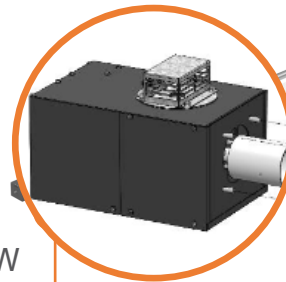
Two-stage Radiant End Burner System

COMPATIBLE WITH SIMPLE OR ADVANCED, FULLY INTEGRATED CONTROL SYSTEMS

The system layout allows up to 300 kW, which eliminates roof penetrations and saves installation cost.

Standard heat-treated (calorized) aluminized emitter tube and heavy duty brackets & couplings.

Vacuum exhaust fans are fitted for either 100 or 200kW input systems with vertical or horizontal flue exit.



Two stage burner offers from 20 to 60 kW for quicker heat recovery, enhanced fuel savings and greater comfort. Thermal efficiencies up to 81% (HHV gross) or 90% (LHV net).

**Please contact us for system layout and quotation.*

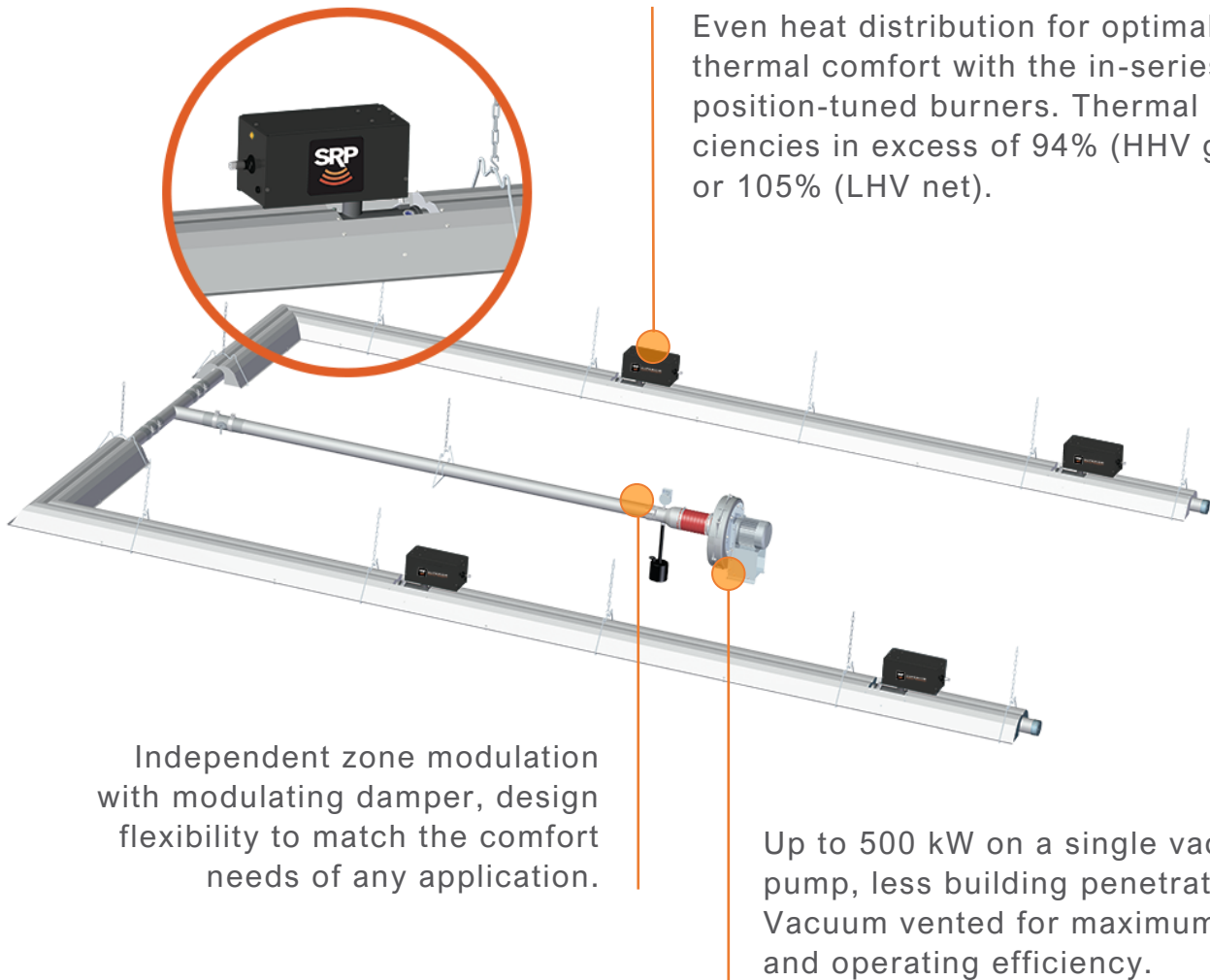
ECONOMIC
COMFORT
EFFICIENCY

SRP negative pressure multi-burner system was designed to use two or more radiant tube heaters in a variety of applications. Flexible layouts (Herringbone, Fork, "T", Flag, etc.) can be adapted to fit a wide range of applications heating and space requirements.

PRODUCT FEATURES

Modulating Continuous Burner System, CV and CV+

COMPATIBLE WITH SIMPLE OR ADVANCED, FULLY INTEGRATED CONTROL SYSTEMS



Even heat distribution for optimal thermal comfort with the in-series position-tuned burners. Thermal efficiencies in excess of 94% (HHV gross) or 105% (LHV net).

Independent zone modulation with modulating damper, design flexibility to match the comfort needs of any application.

Up to 500 kW on a single vacuum pump, less building penetration. Vacuum vented for maximum safety and operating efficiency.

**Please contact us for system layout and quotation.*

EFFICIENCY
COMFORT
FLEXIBILITY

Occupant comfort at the lowest operating cost is the goal of all heating systems. Radiant heating comfort is largely a result of creating a sufficient mean radiant temperature (MRT) in the space, distributed so as to overcome any discomfort associated with cooler air temperature.

PRODUCT SPEC

Modulating continuous burner system, CV and CV+

Model			CV					
			12	18	23	29	32	35
Heat Input (Natural Gas G20)	High Fire (100% rate)	kW (gross)	12	18	23	29	32	35
	Low Fire (60% rate)	kW (gross)	7.2	10.8	13.8	17.4	19.2	21
Seasonal Space Heating Energy Efficiency		%	90.1					
NOx Seasonal (Gross)		mg/kW	65					
Gas Connection		BSP/Rc	½"					
Supply Pressure		mbar	Nat Gas - 20					
Electrics		V/ph/Hz	230/1/50					
Burner Current		amp	0.1					
Gas Consumption Natural Gas G20	m³/h	100% Rate	1.14	1.70	2.18	2.75	3.03	3.32
		60% Rate	0.68	1.02	1.31	1.65	1.82	1.99
Air Inlet Connection		mm	100					
Burner Weight (single)		kg	11.4					

Model			CV+							
			23	29	35	44	51	59	66	73
Heat Input (Natural Gas G20)	High Fire (100% rate)	kW (gross)	23	29	35	44	51	59	66	73
	Low Fire (60% rate)	kW (gross)	13.8	17.4	21	26.4	30.6	35.4	39.6	43.8
Heat Input (Propane LPG G31)	High Fire (100% rate)	kW (gross)	23	29	35	44	51	59	66	73
	Low Fire (60% rate)	kW (gross)	13.8	17.4	21	26.4	30.6	35.4	39.6	43.8
Seasonal Space Heating Energy Efficiency		%	92.1							
NOx Seasonal (Gross)		mg/kW	98	98	98	98	105	115	115	115
Gas Connection		BSP/Rc	½"				¾"			
Supply Pressure		mbar	Nat Gas - 20 / Propane - 37							
Electrics		V/ph/Hz	230/1/50							
Burner Current		amp	0.1							
Gas Consumption Natural Gas G20	m³/h	100% Rate	2.18	2.75	3.32	4.17	4.83	5.59	6.25	6.93
		60% Rate	1.31	1.65	1.99	2.50	2.90	3.35	3.76	4.15
Gas Consumption Propane LPG G31	m³/h	100% Rate	0.87	1.09	1.32	1.65	1.92	2.22	2.49	2.75
		60% Rate	0.52	0.65	0.79	0.99	1.15	1.33	1.49	1.65
Air Inlet Connection		mm	100							
Burner Weight (single)		kg	11.4							

Dimensions CV

Model Input Rate (kW)		CV					
		CV12	CV18	CV23	CV29	CV32	CV35
Radiant Tube Lengths	Min (mm)	4600	6100	6100	9200	12200	12200
	Norm (mm)	6100	7600	9200	12200	15300	15300
	Max. (mm)	7600	10700	13800	18300	21400	21400

Dimensions CV+

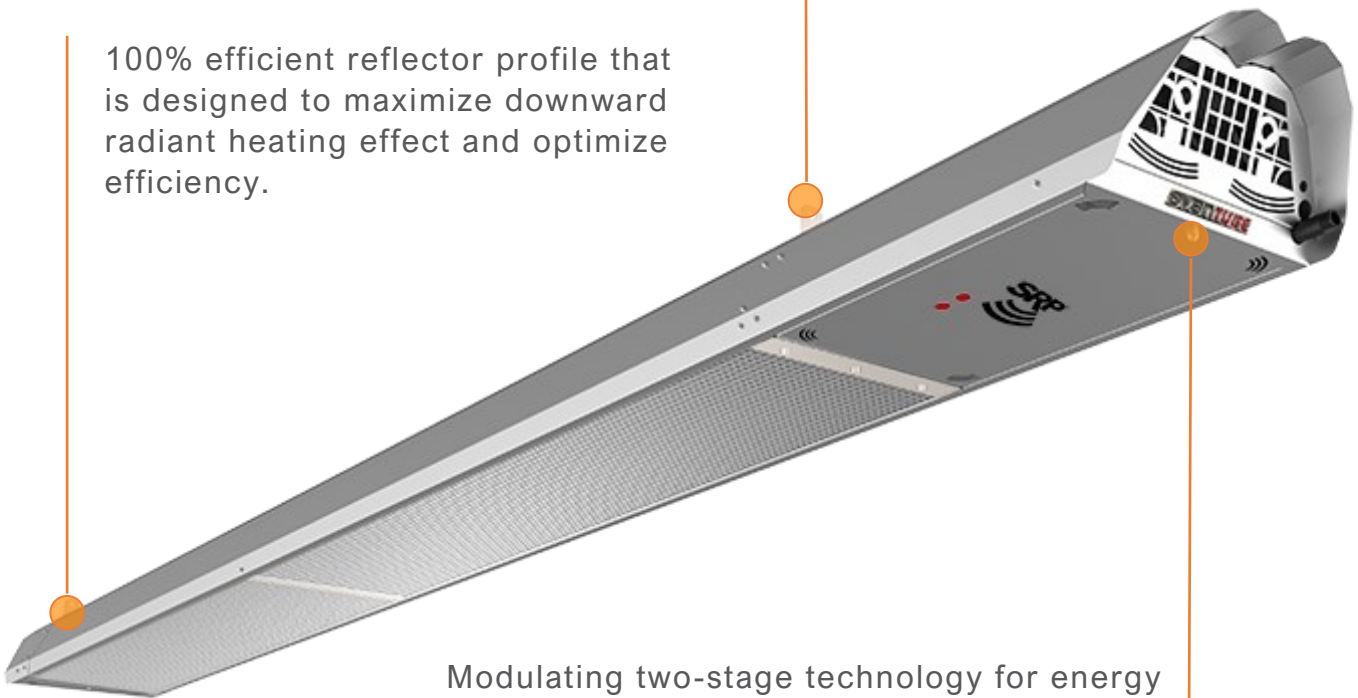
Model Input Rate (kW)		CV+							
		CV+23	CV+29	CV+35	CV+44	CV+51	CV+59	CV+66	CV+73
Radiant Tube Lengths	Min (mm)	7600	9200	9200	12200	13700	15300	15300	16800
	Norm (mm)	9200	12200	12200	15300	15300	18300	18300	21400
	Max. (mm)	12200	13800	13800	18300	19900	21400	21400	22900

PRODUCT FEATURES

Modulating Two-Stage Outdoor Radiant Heaters

100% efficient reflector profile that is designed to maximize downward radiant heating effect and optimize efficiency.

Available for wall mount or ceiling mount, clearance to combustibles as low as 10 cm.



Modulating two-stage technology for energy saving up to 50%, compatible with smart wireless technology.

INNOVATIVE
MODERN
EFFICIENCY

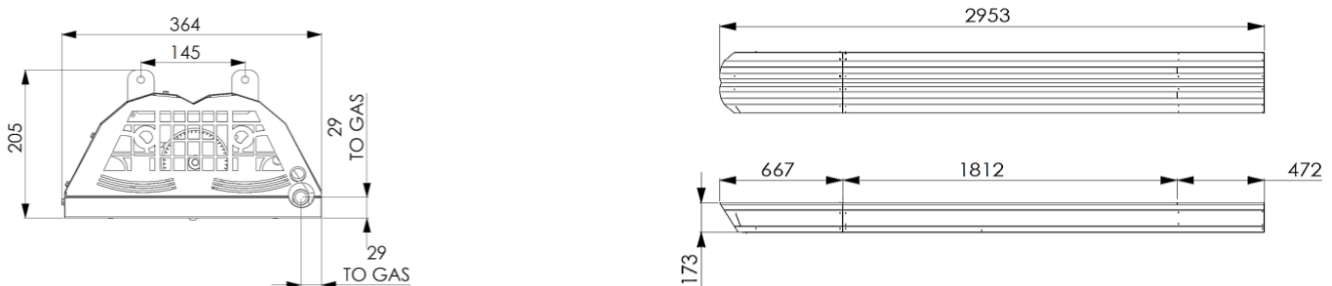
A modulating two-stage heater which combines modern design with energy saving for outdoor space heating, all models are compatible with smart wireless technology. The aesthetically pleasing design includes deco grille and pre-assembled for quick installation.

PRODUCT SPEC

Modulating Two-Stage Outdoor Radiant Heaters

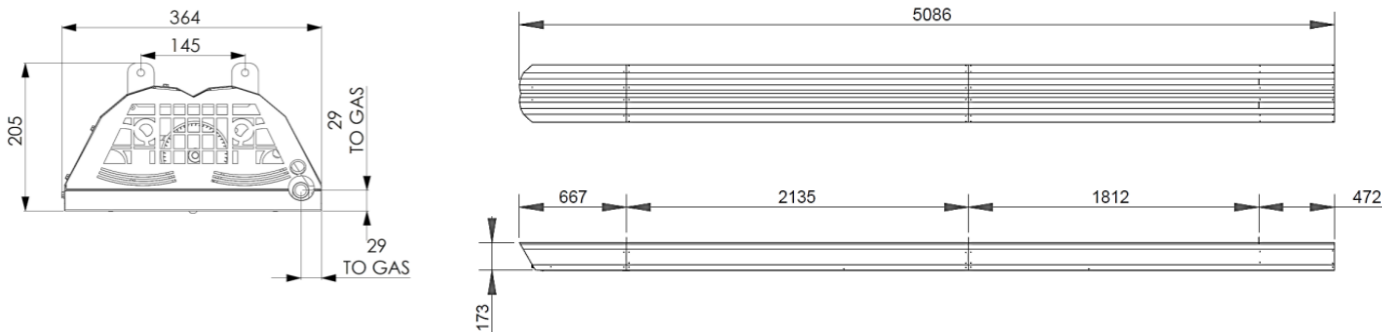
ETE15

Note: All dimensions are in millimeters



ETE30

Note: All dimensions are in millimeters



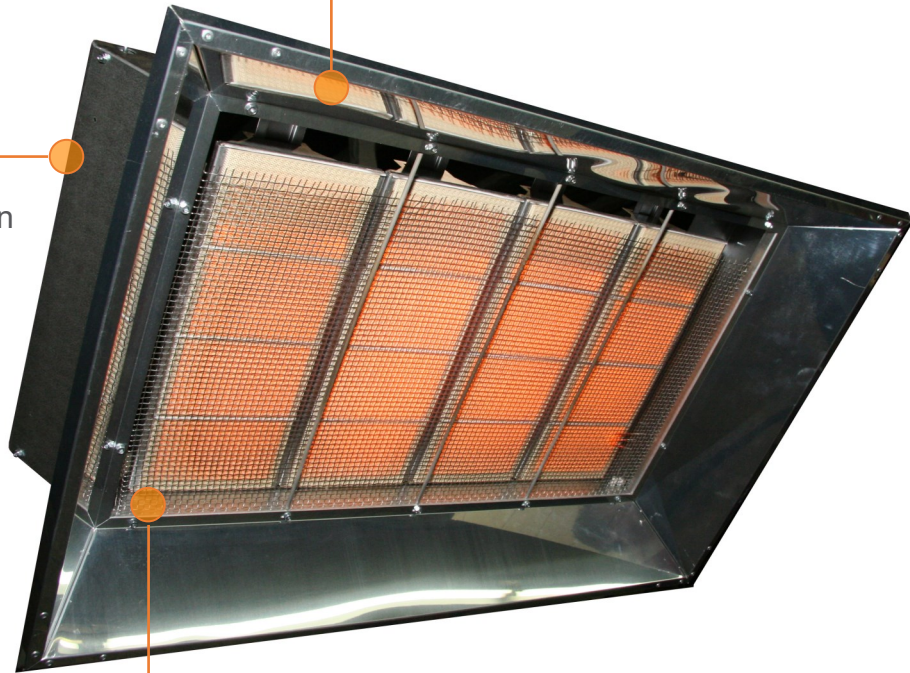
Model			ETE	
			15	30
Heat Input (Natural Gas)	High Fire	kW (gross)	14.5	27.5
Heat Input (Propane LPG)	High Fire	kW (gross)	14.5	27.5
Gas Connection	BSP/Rc		1/2" male	
Supply Pressure	mbar		Nat Gas - Min 17.5 / Propane - Min 28	
Electrics	V/Hz		230/50 with L, N and PE	

PRODUCT FEATURES

Luminous Plaque High Intensity Heater

Maximized radiant efficiency with high-polished aluminum reflector.

The entire construction is manufactured with rigid heavy duty non-corrosive aluminized steel.



The low profile design requires less space making it easier for installation and building positioning.

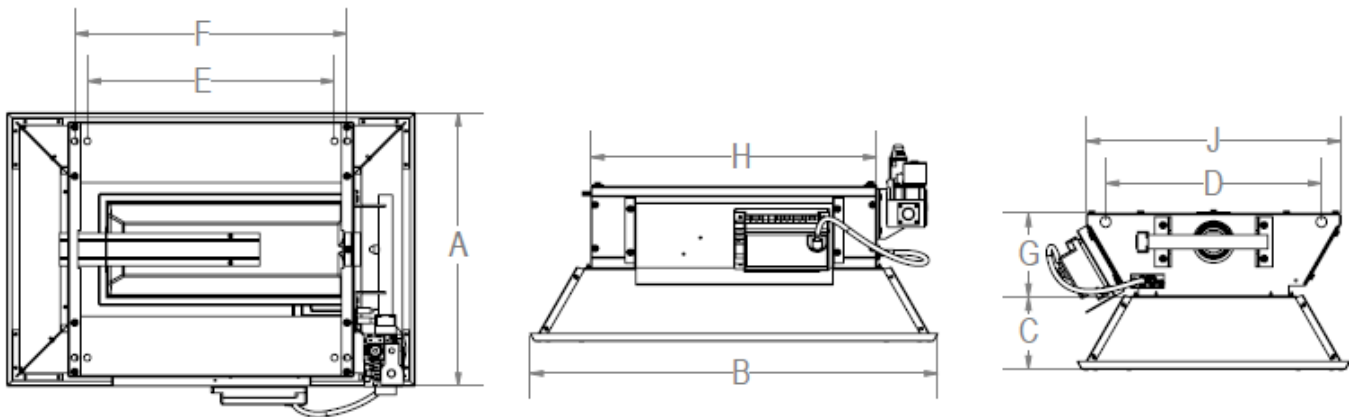
**HEAVY DUTY
SPOT HEAT
EFFECTIVE**

Model SDE high intensity heater provides efficient and directed, cost-effective heat for cold spots in industrial and commercial applications. Heaters are available from 9 to 48kW, quick heat up and recovery for additional fuel savings.

PRODUCT SPEC

Luminous Plaque High Intensity Heater

Model			SDE				
			10	20	30	40	45
Heat Input (Natural Gas)	High Fire	kW (gross)	10.5	20	31	41	45
Heat Input (Propane LPG)	High Fire	kW (gross)	9	17	26.5	33.5	N/A
Gas Connection	BSP/Rc		½"				
Supply Pressure	mbar		Nat Gas - 20 / Propane - 37				
Electrics	V/ph/Hz		230/1/50				
Radiating Surface Area	(mm)		5810	11610	17420	23230	23230
Injector Size	Natural Gas (mm)		2.44	2.44	2.44	2.44	2.58
	Propane (mm)		1.61	1.61	1.61	1.61	N/A
Burner Quality			1	2	3	4	4
Shipping Weight	(kg)		13.2	18.2	21.8	26.8	26.8



Dimensions

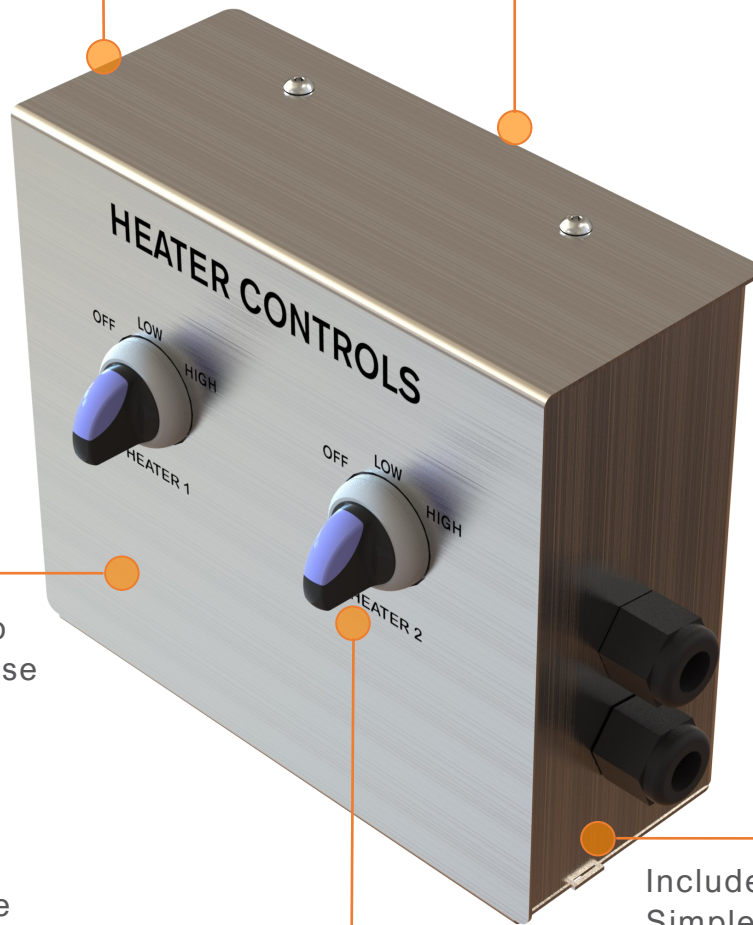
Model		SDE				
		10	20	30	40	45
A	mm	414	587	762	937	937
B	mm	620	620	620	620	620
C	mm	107	107	107	107	107
D	mm	328	503	678	854	854
E	mm	376	376	376	376	376
F	mm	414	414	414	414	414
G	mm	127	127	127	127	127
H	mm	434	434	434	434	434
J	mm	386	561	737	912	912

TWO STAGE SWITCH

Compatible With Two-Stage Radiant Heaters (EUA, EUAV, and ETE)

Stainless steel compact design.

Adjustable timer, factory set at 1 hour.



Custom logo to grab attention and increase brand recognition.

Select the input rate

- Low – partial heat input
- High – nominal heat rate

Turn switch off and on to reset timer.

Includes terminal block for Simple electrical connections.

TWO STAGE SWITCHES

These switches enable switching the ETE heater between high fire and low fire. Switches with timers ensure heaters operate only when necessary. They are equipped with a Blue LED heating indicator and a visual selection of heating stages.

PRODUCT SPEC

Compatible With Two-Stage Radiant Heaters (EUA, EUAV, and ETE)

PART	DESCRIPTION	DIMENSIONS MILLIMETRE	TWO STAGE CONTROLS	SPECIFICATIONS
EE113	 <p>Control Assembly, 2 Switches</p>	185 W x 165 H x 80 D	2 heaters	<p>Electricity supply 230V 50Hz. Switch must be grounded. Protection Rating IP20. Two stage *Adjustable timer factory set at 1 hour.</p>
EE114	 <p>Control Assembly, 1 Switch</p>	90 W x 160 H x 75 D	1 heater	
EE115	 <p>Control Assembly, 2 Switches, 2 Timers*</p>	185 W x 165 H x 80 D	2 heaters	
EE116	 <p>Control Assembly, 1 Switch, 1 Timer*</p>	90 W x 160 H x 75 D	1 heater	

DIGITAL CONTROLLER

Compatible with SRP Radiant Heaters (EUA, EUAV, ETE, CV, CV+)

Flexibility

The MC200 can provide direct control of both high/low and modulating burners – the latter via an internally generated 0-10V signal

Energy Savings

The MC200 can determine the best time to turn on the heating based on previous performance and ambient temperatures.



Security

Password-controlled access with customizable levels of security

Stand-alone

The MC200 is a stand-alone control giving you complete control of your heating system.

User Friendly

Interface makes it simple to select heating, utilize override functions, and perform a full system reset.

Location



The MC200 offers effortless installation, allowing for versatile placement throughout the building in various areas.

MC200 CONTROL SYSTEMS

The MC200 is a high-spec heating controller with standard optimum start technology. It monitors the heating system's past performance to determine the ideal time to activate heating and achieve the desired building temperature.

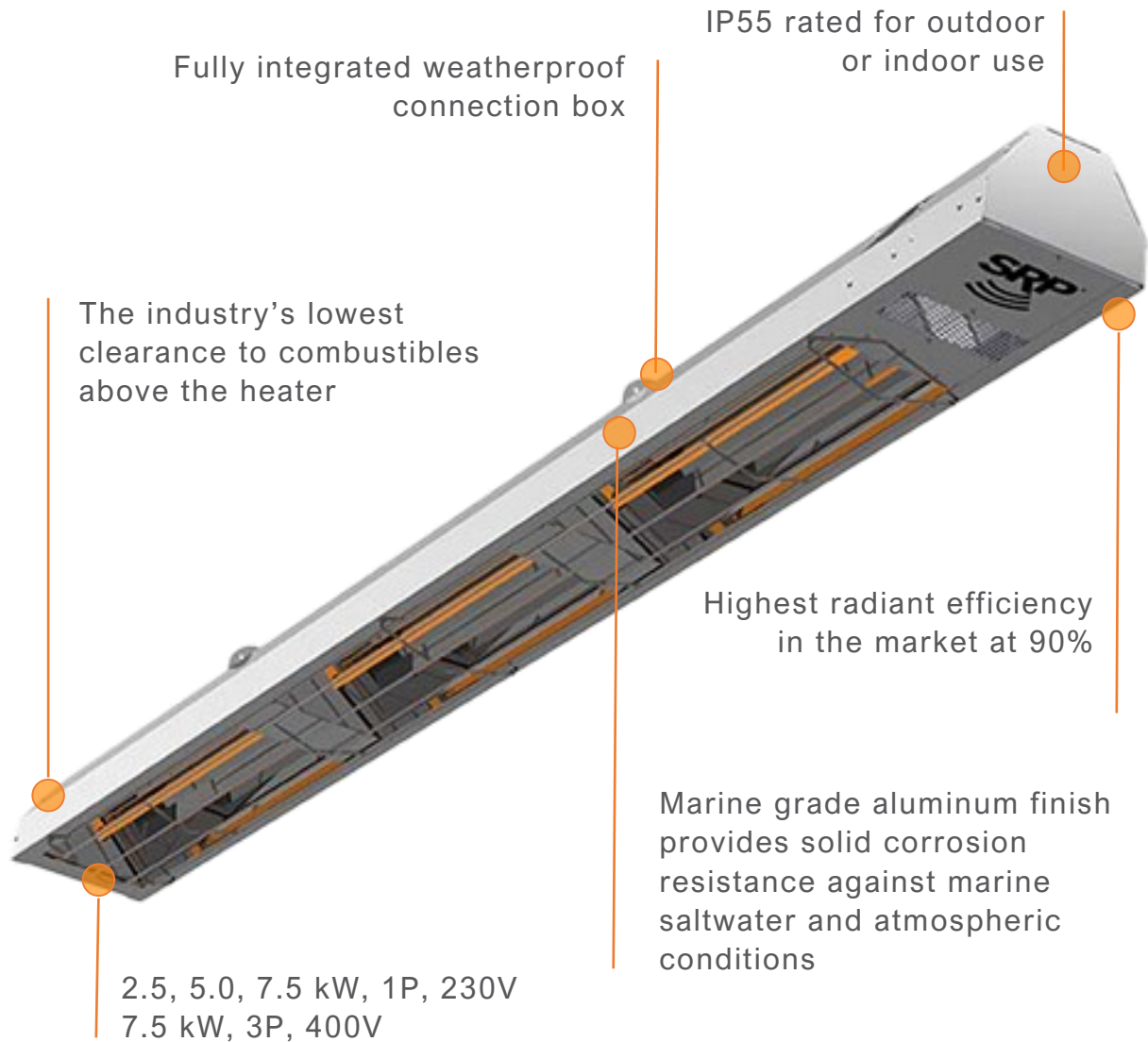
DIGITAL CONTROLLER

Compatible with SRP Radiant Heaters (EUA, EUAV, ETE, CV, CV+)

PART	DESCRIPTION	DIMENSIONS MILLIMETRE	SPECIFICATIONS
CE509	 <p>Digital Controller</p>	165 x 160 x 85	<p>Electricity supply: 230V, 50Hz, Fused at 6A Sensing element: Internal or remote sensor (Radiant Black Bulb) Outputs: - Hi heat output - Low heat / heat output - Fan Protection rating: IP20</p>
CE539	 <p>Black Bulb Radiant Sensor</p>	70 x 70 x 40	

PRODUCT FEATURES

Series sWAVE, High Efficiency Electric Heating System



Fully integrated weatherproof connection box

IP55 rated for outdoor or indoor use

The industry's lowest clearance to combustibles above the heater

Highest radiant efficiency in the market at 90%

Marine grade aluminum finish provides solid corrosion resistance against marine saltwater and atmospheric conditions

2.5, 5.0, 7.5 kW, 1P, 230V
7.5 kW, 3P, 400V

Please note: Safety guards are included and installed on 2.5kW and 5.0kW models. For 7.5 kW models, safety guards are available as a separate add-on purchase.

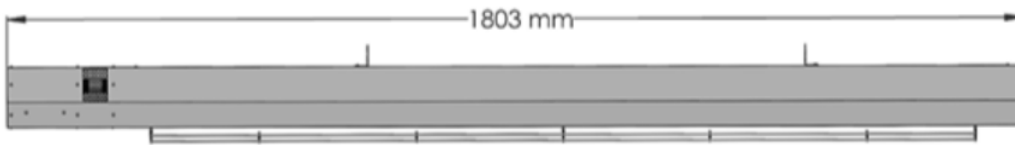
**RELIABLE
RADIANT
EFFICIENCY**

The sWAVE electric heater harnesses pioneering technology to deliver an astounding 90% efficiency, the highest in its class. Its patented pending radiant heating system provides unparalleled warmth and comfort, making it the premier choice for efficient, high-performance electric heating.

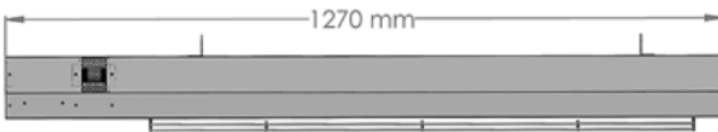
PRODUCT SPEC

Series sWAVE, High Efficiency Electric Heating System

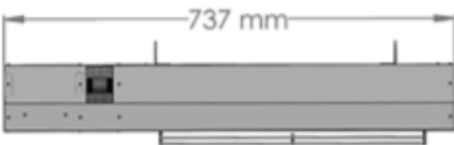
SW75M23 | SW75M40



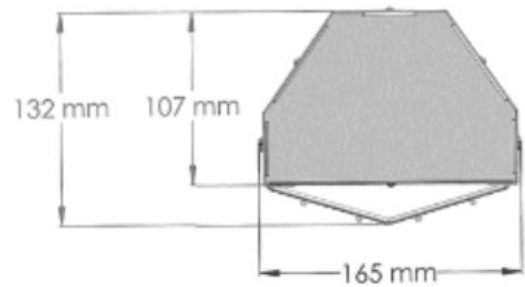
SW50M23



SW25M23



All Models



Model	Wattage	Voltage	Phase	Amp	Dimensions (mm) L x W x H (w/guard)	Weight (Kg)
SW25M23	2500 W	230 Vac	1	11	737 x 165 x 107 (132)	2.0
SW50M23	5000 W	230 Vac	1	22	1270 x 165 x 107 (132)	3.4
SW75M23	7500 W	230 Vac	1	33	1803 x 165 x 107 (132)	4.5
SW75M40	7500 W	400 Vac	3	11	1803 x 165 x 107 (132)	4.5

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WHERE TO BUY SRP PRODUCTS

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TECHNICAL SUPPORT OF INSTALLATIONS

Please visit our Frequently Asked Technical Questions at <https://www.superiorradiant.com/faq/> or contact us at techsupport@superiorradiant.com.



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