



*"Leading Organization in Its Sector"*



- Industrial Heating Systems
- Outdoor Heating Systems
- Cafe / Restaurant Heating Systems
- Stadium Heating Systems
- Indoor Gym Heaters
- LPG-CNG-LNG Tank Services
- Pressure Reducing and Measuring Stations
- Evaporator Manufacturing
- Steel Filter Manufacturing
- Other Indoor Heaters
- Infrastructure Gas Services
- Internal Installation Services



**SUNRAY®**

**RSSAN**

MADE IN ITALY  
**ACCORRONI**



## WHO ARE WE ?

ANADOLU RADIANT HEATING SYSTEMS was established in ANKARA in 2002 to carry out the production, installation, import, marketing, sales and after-sales services of Radiant Heating Systems designed for big and large volumes that are difficult to heat. Offering products related to space and process heating at reasonable prices, time and quality in line with the needs and expectations of its customers since its establishment and providing unconditional customer satisfaction by effectively performing after-sales services have been the main goal of the company.

Anadolu Radyant continued to work on domestic production until 2004, giving importance to R&D studies, and started to produce "SunRay" branded tubular type radiant heaters in the last quarter of 2004 and carried out the transformation of hundreds of industrial facilities in one of its main fields of activity, industrial transformation systems.

In 2006, it started to produce Rms-B and Rms-C stations, which are important instruments of the natural gas transformation sector, and to produce in line with the demands and requirements of BOTAŞ, Başkent Gaz and all domestic gas distribution companies.

In 2007, it obtained Turkey Distributorship of ACCORRONI branded products in the field of "Gas Fired Hot Air Generators" patented in Italy and begun to make their sales, application and technical services, also has completed their CE Certifications in 2007. It still continues its production activities within the scope of EN 416-1 and EN 777-1 quality standards. Anadolu Radyant, with its sales, service and project team consisting of expert engineers with a closed production area of 1500 m<sup>2</sup>, offers the required devices, equipment and services to the use of the customer with its service network that can serve the whole country and is very successful in this regard.

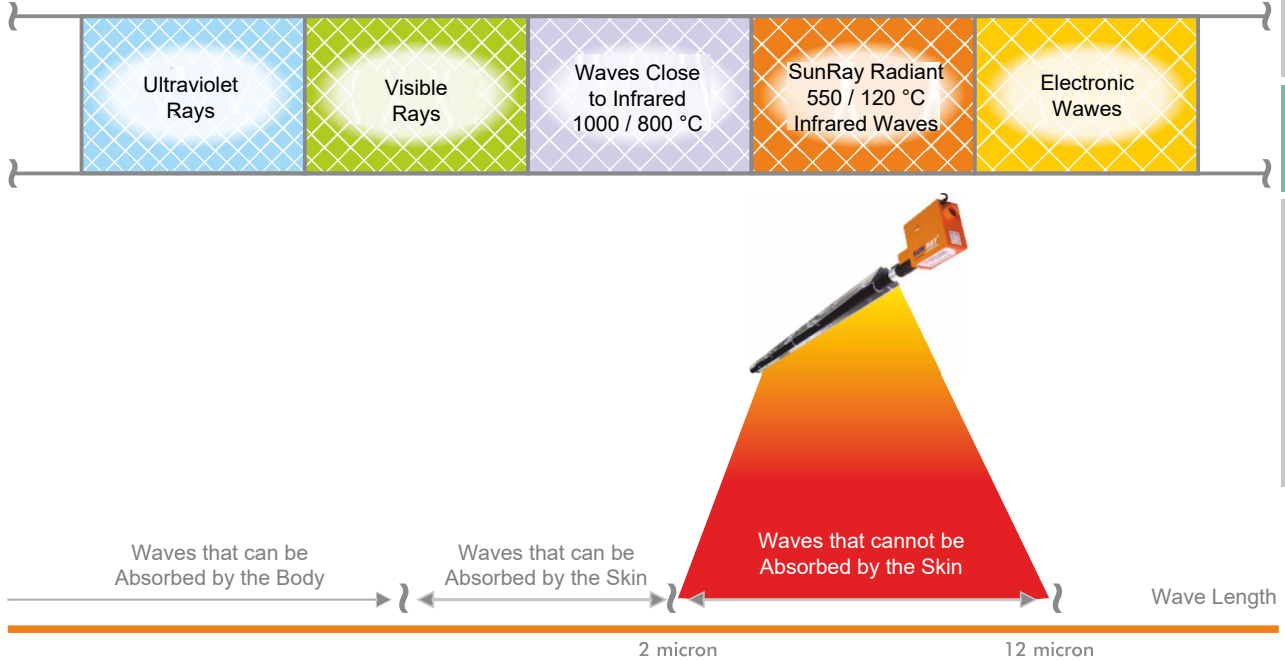
## OUR QUALITY POLICY

Our organization, which carries out engineering activities in the fields of radiant heating systems, Natural Gas Pressure Reducing and Measuring Stations, Natural Gas Technical Services and Natural Gas Transformation Systems, by supplying effective and qualified products that can meet the needs of our domestic and foreign customers;

To be the preferred organization by using new technology and more advantageous price policy, acting with the principle of producing environmentally friendly products and delivering them on time and keeping customer satisfaction at the highest level.

It is our quality policy to fulfill the requirements of our quality management system, which has been established with the participation of all employees in order to achieve the company's goals, and to continuously improve its effectiveness by ensuring the adoption and continuity of the system.

## WHAT IS RADIANT HEATING ?



Low-density, gas-fired, tubular, radiant heaters, thanks to the infrared waves they send (2-12 micron), heat the objects in the environment without heating the air; the heated objects themselves turn into an energy source and heat the air. However, the air temperature is always lower than the object temperature.

As is known, warmed air rises. Unless you direct the heat down from the ceiling height in places with high ceiling height, heat is not used effectively at working height (human head level).

SunRay radiant heaters offers you the level of comfortable heat you want at the point you want and minimizes the energy that flies off the roof without being utilized. It would not be misleading to describe the radiant heating system as the "Energy Source in Your Environment". Thanks to the infrared waves they send, radiant heaters emit an energy that turns into heat when it hits the surface of the ground, living things and all objects. The inspiration for the development of radiant heaters is again nature. Just as the sun warms our world, first "Mother Earth" then the air gets warmer.

### Radiant heaters have many application areas:

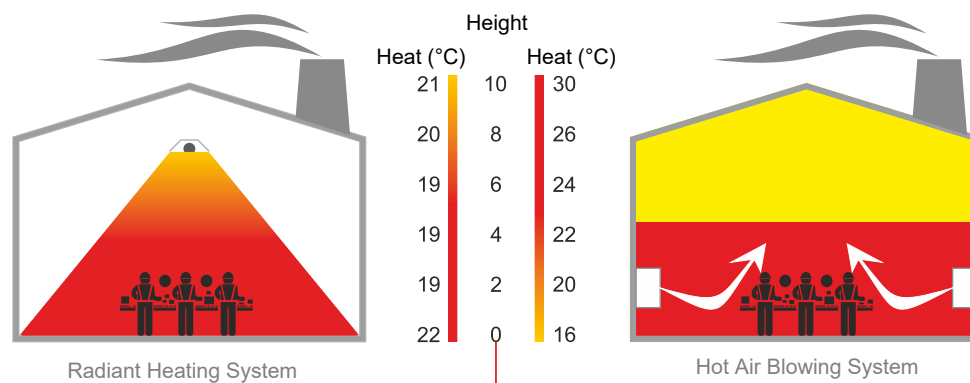
- Low Density Tubular Heaters
- High Density (Ceramic, Tubular) Radiant Heaters,
- Electric Radiant Heaters,
- Ceramic Plate Heaters.

The "Gas Fired, Tubular and Ceramic Type" Radiant Heaters, mostly most preferred in our country, are produced for you by ANADOLU RADYANT and presented to your use with the principle of "Unconditional Customer Satisfaction".

## ADVANTAGES OF RADIANT HEATER

**SUNRAY**<sup>®</sup>

- Saves up to 60% compared to central hot air blowing systems.
- Minimizes the energy that blows away from the roof.
- Maintenance costs are very low.
- Their electricity consumption is almost negligible.
- Provides comfortable heating in a very short time and even from very high distances.
- Very easy to assemble, does not damage the structure.
- Works without noise.
- Does not take up space, there is no need for boiler room and personnel.
- No chimney construction problem and environmentally friendly.
- Investment costs are low.



## USAGE AREAS

- FACTORIES
- WORKSHOPS
- HANGARS
- MOSQUES
- GYMS
- WAREHOUSES
- STORES
- GREENHOUSES
- CHICKEN FARMS
- AUTOMOBILE REPAIR SERVICES
- SHOWROOMS
- TENNIS COURTS
- TENT COURTS
- RESTAURANTS (for smoking and non-smoking places)
- CAFES (for smoking and non-smoking places)
- OUTDOOR AREAS (Stadiums)



# Blown Type Radiant Heaters

## SPECIFICATIONS

*"Ideal solution for places with high ceiling height"*

- It works very quietly thanks to its special combustion head and fan system.
- It gives excellent results in places that require silence such as courts, cafes, mosques.
- It provides homogeneous heat distribution on the radiant pipe surface thanks to its special combustion head.
- Emission rates are low and burning efficiency is high.
- In case of evacuation of exhaust gas; offers flexible solutions on the ceiling or wall.
- It provides all the obligations of the EN-416 standard.
- They are radiant pipes made of titanium alloy with high emissivity value, aluminized and heat treated. All of the pipes are titanium alloy.
- Reflectors are produced from pure aluminum (H14 hardness) or optionally from AISI 430 stainless steel.

# Blown Flat Type Heaters

## SR SERIES

**SUNRAY**<sup>®</sup>



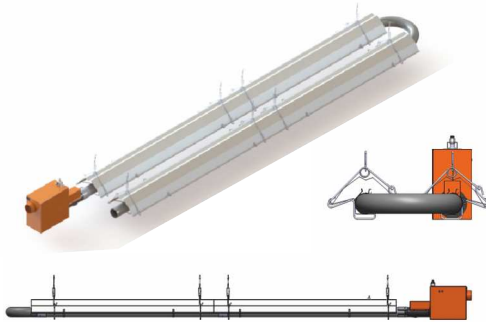
MODELS	SR-15	SR-30			SR-40			SR-50			SR-55		
LINEAR SINGLE TUBE	6 m	6 m	9 m	-	6 m	9 m	12 m	9 m	12 m	15 m	12 m	15 m	18 m
WEIGHT	47 kg	47 kg	62 kg	-	47 kg	62 kg	75 kg	62 kg	75 kg	88 kg	75 kg	88 kg	103 kg
BURNER LENGTH DIMENSION	0,82 m												
RATED POWER (Min - Max)	15 kw	15 - 30 kw			20 - 40 kw			26 - 52 kw			55 kw		
HANGING HEIGHT	Min: 2 m - Max: 4 m	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m			Min: 3,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 158 cm	Min: 168 cm			Min: 193 cm			Min: 206 cm			Min: 206 cm		
<b>FUEL CONSUMPTION</b>													
NATURAL GAS (Sm <sup>3</sup> /h)	1,56	1,56 - 3,12			2,08 - 4,17			2,71 - 5,42			5,73		
PROPANE (kg/h)	1,16	1,16 - 2,34			1,54 - 3,12			2,01 - 4,06			4,26		
LPG (kg/h)	1,17	1,17 - 2,35			1,56 - 3,13			2,04 - 4,08			4,31		
GAS CONNECTION	1/2" Threaded Connection												
<b>GAS INLET PRESSURE</b>													
NATURAL GAS	Min: 11,5 - Max: 60 mbar												
PROPANE	Min: 27,5 - Max: 60 mbar												
LPG	Min: 27,5 - Max: 60 mbar												
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps												
IGNITION	Electronic ignition												

Our devices can be produced in single and double stage.

# Blown U Type Heaters

## SR SERIES

Ideal solution for places  
with high ceiling height



CE

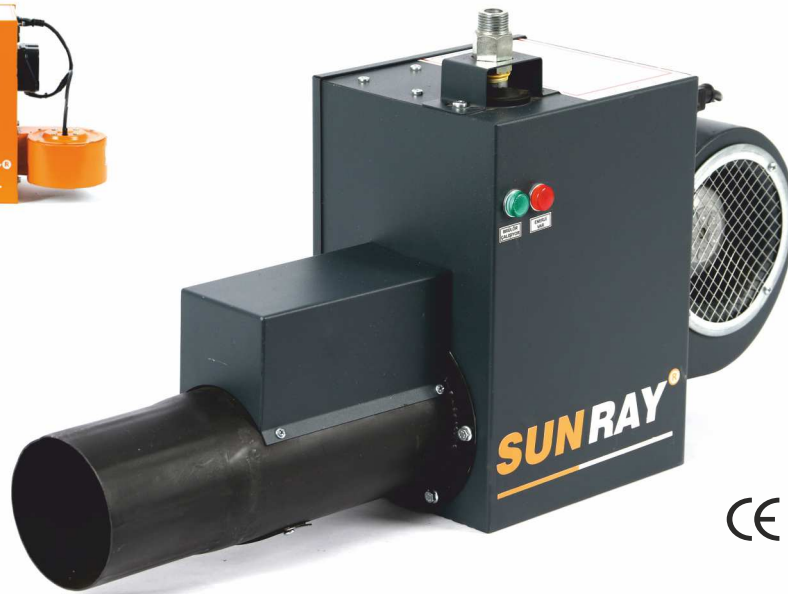
MODELS	SR-15	SR-30			SR-40			SR-50			SR-55		
U TUBE DOUBLE TUBE (meter)	3+3	3+3	4,5+4,5	-	4,5+4,5	6+6	-	4,5+4,5	6+6	7,5+7,5	6+6	7,5+7,5	9+9
WEIGHT	52 kg	52 kg	67 kg	-	67 kg	80 kg	-	67 kg	80 kg	93 kg	80 kg	93 kg	108 kg
BURNER LENGTH DIMENSION	1,22 m												
RATED POWER (Min - Max)	15 kw	15 - 30 kw			20 - 40 kw			26 - 52 kw			55 kw		
HANGING HEIGHT	Min: 2 m - Max: 4 m	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m			Min: 3,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 158 cm	Min: 168 cm			Min: 193 cm			Min: 206 cm			Min: 206 cm		
<b>FUEL CONSUMPTION</b>													
NATURAL GAS (Sm <sup>3</sup> /h)	1,56	1,56 - 3,12			2,08 - 4,17			2,71 - 5,42			5,73		
PROPANE (kg/h)	1,16	1,16 - 2,34			1,54 - 3,12			2,01 - 4,06			4,26		
LPG (kg/h)	1,17	1,17 - 2,35			1,56 - 3,13			2,04 - 4,08			4,31		
GAS CONNECTION	1/2" Threaded Connection												
<b>GAS INLET PRESSURE</b>													
NATURAL GAS	Min: 11,5 - Max: 60 mbar												
PROPANE	Min: 27,5 - Max: 60 mbar												
LPG	Min: 27,5 - Max: 60 mbar												
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps												
IGNITION	Electronic ignition												

Our devices can be produced in single and double stage.

# Blown Type Heaters

## SR-60 SERIES

**SUNRAY®**



MODELS	SR-60-FLAT TYPE	
LINEAR SINGLE TUBE	15 m	18 m
WEIGHT	88 kg	103 kg
BURNER LENGTH DIMENSION	0,77 m	
RATED POWER (Min - Max)	69 kw	
HANGING HEIGHT	Min: 4,5 m - Max: 15 m	
Distance to Flammable and Combustible Materials	Min: 206 cm	
FUEL CONSUMPTION		
NATURAL GAS (Sm <sup>3</sup> /h)	7,20	
PROPANE (kg/h)	5,39	
LPG (kg/h)	5,41	
GAS CONNECTION	1/2" Threaded Connection	
GAS INLET PRESSURE		
NATURAL GAS	Min: 14 - Max: 60 mbar	
PROPANE	Min: 28 - Max: 60 mbar	
LPG	Min: 28 - Max: 60 mbar	
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps	
IGNITION	Electronic ignition	

MODELS	SR-60-U TYPE	
U TUBE DOUBLE TUBE	7,5 + 7,5 m	9 + 9 m
WEIGHT	93 kg	108 kg
BURNER LENGTH DIMENSION	1,17 m	
RATED POWER (Min - Max)	69 kw	
HANGING HEIGHT	Min: 4,5 m - Max: 15 m	
Distance to Flammable and Combustible Materials	Min: 206 cm	
FUEL CONSUMPTION		
NATURAL GAS (Sm <sup>3</sup> /h)	7,20	
PROPANE (kg/h)	5,39	
LPG (kg/h)	5,41	
GAS CONNECTION	1/2" Threaded Connection	
GAS INLET PRESSURE		
NATURAL GAS	Min: 14 - Max: 60 mbar	
PROPANE	Min: 28 - Max: 60 mbar	
LPG	Min: 28 - Max: 60 mbar	
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps	
IGNITION	Electronic ignition	



# Blown Flat Type Heaters

## MRB SERIES

Low emission rate high combustion power



DIGITAL

MODELS	MRB-15	MRB-30			MRB-40			MRB-50			MRB-55		
LINEAR SINGLE TUBE	6 m	6 m	9 m	-	6 m	9 m	12 m	9 m	12 m	15 m	12 m	15 m	18 m
WEIGHT	47 kg	47 kg	62 kg	-	47 kg	62 kg	75 kg	62 kg	75 kg	88 kg	75 kg	88 kg	103 kg
BURNER LENGTH DIMENSION	0,70 m												
RATED POWER (Min - Max)	15 kw	15 - 30 kw			20 - 40 kw			26 - 52 kw			55 kw		
HANGING HEIGHT	Min: 2 m - Max: 4 m	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m			Min: 3,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 158 cm	Min: 168 cm			Min: 193 cm			Min: 206 cm			Min: 206 cm		
<b>FUEL CONSUMPTION</b>													
NATURAL GAS (Sm <sup>3</sup> /h)	1,56	1,56 - 3,12			2,08 - 4,17			2,71 - 5,42			5,73		
PROPANE (kg/h)	1,16	1,16 - 2,34			1,54 - 3,12			2,01 - 4,06			4,26		
LPG (kg/h)	1,17	1,17 - 2,35			1,56 - 3,13			2,04 - 4,08			4,31		
GAS CONNECTION	1/2" Threaded Connection												
<b>GAS INLET PRESSURE</b>													
NATURAL GAS	Min: 11,5 - Max: 60 mbar												
PROPANE	Min: 27,5 - Max: 60 mbar												
LPG	Min: 27,5 - Max: 60 mbar												
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps												
IGNITION	Electronic ignition												

Our devices can be produced in single and multiple stage(s).

# Blown U Type Heaters

## MRB SERIES

**SUNRAY®**



CE

DIGITAL

MODELS	MRB-15	MRB-30			MRB-40			MRB-50			MRB-55		
U TUBE DOUBLE TUBE (meter)	3+3	3+3	4,5+4,5	-	4,5+4,5	6+6	-	4,5+4,5	6+6	7,5+7,5	6+6	7,5+7,5	9+9
WEIGHT	52 kg	52 kg	67 kg	-	67 kg	80 kg	-	67 kg	80 kg	93 kg	80 kg	93 kg	108 kg
BURNER LENGTH DIMENSION	1,22 m												
RATED POWER (Min - Max)	15 kw	15 - 30 kw			20 - 40 kw			26 - 52 kw			55 kw		
HANGING HEIGHT	Min: 2 m - Max: 4 m	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m			Min: 3,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 158 cm	Min: 168 cm			Min: 193 cm			Min: 206 cm			Min: 206 cm		
<b>FUEL CONSUMPTION</b>													
NATURAL GAS (Sm <sup>3</sup> /h)	1,56	1,56 - 3,12			2,08 - 4,17			2,71 - 5,42			5,73		
PROPANE (kg/h)	1,16	1,16 - 2,34			1,54 - 3,12			2,01 - 4,06			4,26		
LPG (kg/h)	1,17	1,17 - 2,35			1,56 - 3,13			2,04 - 4,08			4,31		
GAS CONNECTION	1/2" Threaded Connection												
<b>GAS INLET PRESSURE</b>													
NATURAL GAS	Min: 11,5 - Max: 60 mbar												
PROPANE	Min: 27,5 - Max: 60 mbar												
LPG	Min: 27,5 - Max: 60 mbar												
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps												
IGNITION	Electronic ignition												

Our devices can be produced in single and multiple stage(s).



## Vacuum Type Radiant Heaters

### SPECIFICATIONS

- They are heat resistant, vacuum, fan, unitary radiant heaters.
- They provide homogeneous heat distribution on the radiant pipe surface thanks to their special combustion head.
- They allow zoning in the same place with the common fan.
- Emission rates are low and burning efficiency is high.
- They satisfy all the obligations of the EN - 416 standard.
- They are radiant pipes made of titanium alloy with high emissivity value, aluminized and heat treated. All of the pipes are titanium alloy.
- Reflectors are produced from pure aluminum (H14 hardness) or optionally from AISI 430 stainless steel.

# Vacuum Flat Type Heaters

## SRV SERIES

**SUNRAY**<sup>®</sup>



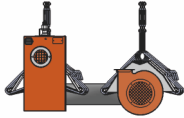
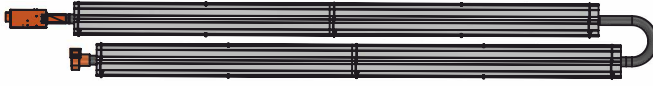
MODELS	SRV-30			SRV-40			SRV-50			SRV-55		
LINEAR SINGLE TUBE	9 m	12 m	15 m	12 m	15 m	18 m	12 m	15 m	18 m	12 m	15 m	18 m
WEIGHT	62 kg	75 kg	88 kg	62 kg	88 kg	108 kg	62 kg	88 kg	108 kg	62 kg	88 kg	108 kg
BURNER LENGTH DIMENSION	0,82 m											
RATED POWER (Min - Max)	30 kw			40 kw			52 kw			55 kw		
HANGING HEIGHT	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m			Min: 3,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 168 cm			Min: 193 cm			Min: 206 cm			Min: 206 cm		
<b>FUEL CONSUMPTION</b>												
NATURAL GAS (Sm <sup>3</sup> /h)	3,12			4,17			5,42			5,73		
PROPANE (kg/h)	2,34			3,12			4,06			4,26		
LPG (kg/h)	2,35			3,13			4,08			4,31		
GAS CONNECTION	1/2" Threaded Connection											
<b>GAS INLET PRESSURE</b>												
NATURAL GAS	Min: 11,5 - Max: 60 mbar											
PROPANE	Min: 27,5 - Max: 60 mbar											
LPG	Min: 27,5 - Max: 60 mbar											
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps											
IGNITION	Electronic ignition											

Our devices can be produced in single stage.

# Vacuum U Type Heaters

## SRV SERIES

Both economical and  
efficient solutions



MODELS	SRV-30			SRV-40			SRV-50			SRV-55		
U TUBE DOUBLE TUBE (meter)	4,5+4,5	6+6	-	4,5+4,5	6+6	-	6+6	7,5+7,5	-	6+6	7,5+7,5	9+9
WEIGHT	71 kg	85 kg	-	71 kg	85 kg	-	85 kg	98 kg	-	85 kg	98 kg	110 kg
BURNER LENGTH DIMENSION	1,22 m											
RATED POWER (Min - Max)	30 kw			40 kw			52 kw			55 kw		
HANGING HEIGHT	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m			Min: 3,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 168 cm			Min: 193 cm			Min: 206 cm			Min: 206 cm		
FUEL CONSUMPTION												
NATURAL GAS (Sm <sup>3</sup> /h)	3,12			4,17			5,42			5,73		
PROPANE (kg/h)	2,34			3,12			4,06			4,26		
LPG (kg/h)	2,35			3,13			4,08			4,31		
GAS CONNECTION	1/2" Threaded Connection											
GAS INLET PRESSURE												
NATURAL GAS	Min: 11,5 - Max: 60 mbar											
PROPANE	Min: 27,5 - Max: 60 mbar											
LPG	Min: 27,5 - Max: 60 mbar											
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps											
IGNITION	Electronic ignition											

Our devices can be produced in single stage.

# Vacuum Multiple Flat Type Heaters

## SRV-HB SERIES

**SUNRAY®**



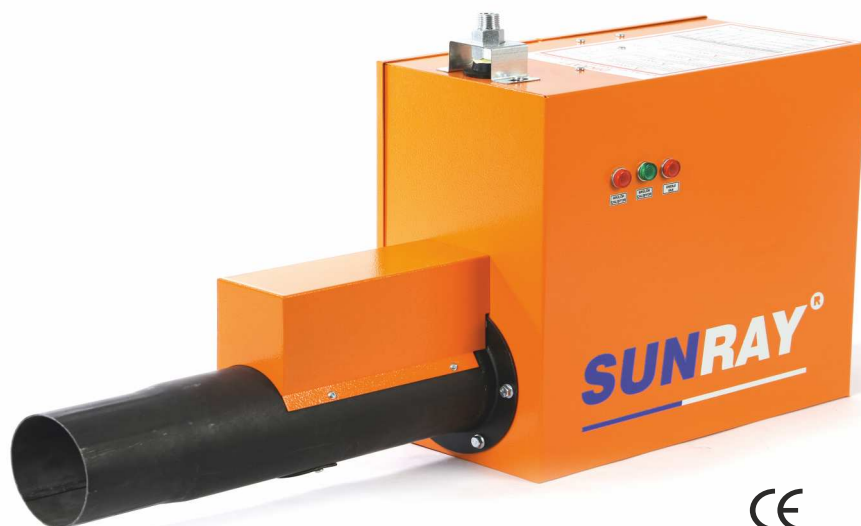
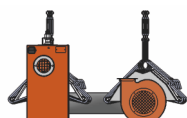
MODELS	SRV-HB 30			SRV-HB 40			SRV-HB 50		
LINEAR SINGLE TUBE	9 m	12 m	15 m	12 m	15 m	18 m	12 m	15 m	18 m
WEIGHT	62 kg	75 kg	88 kg	62 kg	88 kg	108 kg	62 kg	88 kg	108 kg
BURNER LENGTH DIMENSION	0,82 m								
RATED POWER (Min - Max)	30 kw			40 kw			52 kw		
HANGING HEIGHT	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 168 cm			Min: 193 cm			Min: 206 cm		
FUEL CONSUMPTION									
NATURAL GAS (Sm <sup>3</sup> /h)	3,12			4,17			5,42		
PROPANE (kg/h)	2,34			3,12			4,06		
LPG (kg/h)	2,35			3,13			4,08		
GAS CONNECTION	1/2" Threaded Connection								
GAS INLET PRESSURE									
NATURAL GAS	Min: 11,5 - Max: 60 mbar								
PROPANE	Min: 27,5 - Max: 60 mbar								
LPG	Min: 27,5 - Max: 60 mbar								
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps								
IGNITION	Electronic ignition								

Our devices can be produced in single stage.

# Vacuum Multiple U Type Heaters

## SRV-HB SERIES

Possibility of multiple connections possible



MODELS	SRV-HB 30			SRV-HB 40			SRV-HB 50		
U TUBE DOUBLE TUBE (meter)	4,5+4,5	6+6	-	4,5+4,5	6+6	-	6+6	7,5+7,5	-
WEIGHT	71 kg	85 kg	-	71 kg	85 kg	-	85 kg	98 kg	-
BURNER LENGTH DIMENSION	1,22 m								
RATED POWER (Min - Max)	30 kw			40 kw			52 kw		
HANGING HEIGHT	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 168 cm			Min: 193 cm			Min: 206 cm		
FUEL CONSUMPTION									
NATURAL GAS (Sm <sup>3</sup> /h)	3,12			4,17			5,42		
PROPANE (kg/h)	2,34			3,12			4,06		
LPG (kg/h)	2,35			3,13			4,08		
GAS CONNECTION	1/2" Threaded Connection								
GAS INLET PRESSURE									
NATURAL GAS	Min: 11,5 - Max: 60 mbar								
PROPANE	Min: 27,5 - Max: 60 mbar								
LPG	Min: 27,5 - Max: 60 mbar								
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps								
IGNITION	Electronic ignition								

Our devices can be produced in single stage.

# Vacuum Multiple Flat Type Heaters

## MRB-V SERIES

**SUNRAY®**



CE

DIGITAL

MODELS	MRB-30V			MRB-40V			MRB-50V			MRB-55V		
LINEAR SINGLE TUBE	9 m	12 m	15 m	12 m	15 m	18 m	12 m	15 m	18 m	12 m	15 m	18 m
WEIGHT	62 kg	75 kg	88 kg	62 kg	88 kg	108 kg	62 kg	88 kg	108 kg	62 kg	88 kg	108 kg
BURNER LENGTH DIMENSION	0,70 m											
RATED POWER (Min - Max)	30 kw			40 kw			52 kw			55 kw		
HANGING HEIGHT	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m			Min: 3,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 168 cm			Min: 193 cm			Min: 206 cm			Min: 206 cm		
<b>FUEL CONSUMPTION</b>												
NATURAL GAS (Sm <sup>3</sup> /h)	3,12			4,17			5,42			5,73		
PROPANE (kg/h)	2,34			3,12			4,06			4,26		
LPG (kg/h)	2,35			3,13			4,08			4,31		
GAS CONNECTION	1/2" Threaded Connection											
<b>GAS INLET PRESSURE</b>												
NATURAL GAS	Min: 11,5 - Max: 60 mbar											
PROPANE	Min: 27,5 - Max: 60 mbar											
LPG	Min: 27,5 - Max: 60 mbar											
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps											
IGNITION	Electronic ignition											

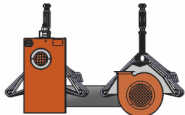
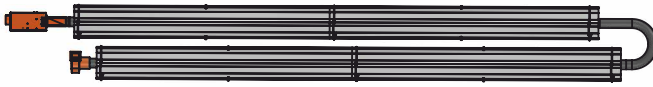
Our devices can be produced in single stage.



# Vacuum Multiple U Type Heaters

## MRB-V SERIES

Local warming, homogeneous heat distribution



DIGITAL

MODELS	MRB-30V			MRB-40V			MRB-50V			MRB-55V		
U TUBE DOUBLE TUBE (meter)	4,5+4,5	6+6	-	4,5+4,5	6+6	-	6+6	7,5+7,5	-	6+6	7,5+7,5	9+9
WEIGHT	71 kg	85 kg	-	71 kg	85 kg	-	85 kg	98 kg	-	85 kg	98 kg	110 kg
BURNER LENGTH DIMENSION	1,10 m											
RATED POWER (Min - Max)	30 kw			40 kw			52 kw			55 kw		
HANGING HEIGHT	Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 7 m			Min: 2,5 m - Max: 12 m			Min: 3,5 m - Max: 12 m		
Distance to Flammable and Combustible Materials	Min: 168 cm			Min: 193 cm			Min: 206 cm			Min: 206 cm		
<b>FUEL CONSUMPTION</b>												
NATURAL GAS (Sm <sup>3</sup> /h)	3,12			4,17			5,42			5,73		
PROPANE (kg/h)	2,34			3,12			4,06			4,26		
LPG (kg/h)	2,35			3,13			4,08			4,31		
GAS CONNECTION	1/2" Threaded Connection											
<b>GAS INLET PRESSURE</b>												
NATURAL GAS	Min: 11,5 - Max: 60 mbar											
PROPANE	Min: 27,5 - Max: 60 mbar											
LPG	Min: 27,5 - Max: 60 mbar											
ELECTRICITY INFORMATION	230 V AC, 50 Hz, 0,6 amps											
IGNITION	Electronic ignition											

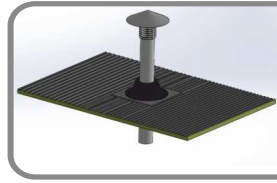
Our devices can be produced in single stage.

## Spare Parts



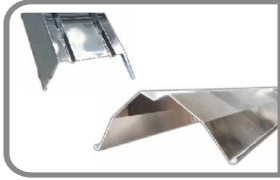
### BURNERS

The most important feature of our burners, which are produced in Turkey with completely high quality and CE certified parts, is their silent operation. The burner box has a fully safe and insulated structure.



### ROOF EXHAUST CHIMNEY

The chimney made of aluminum pipe is fixed with the Roof Sealant and the chimney exhaust is provided by adding a tile hat.



### REFLECTORS

The reflectivity of our reflectors, made of pure aluminum with H 14 hardness, is at the maximum level. It can be produced from AISI 430 stainless steel optionally. The radiation rate of our specially bended reflectors has been increased compared to their equivalents.



### BLOW FANS

They are fans with strong blowing capacity and silent operation.



### RADIANT HEATER PIPES

With its aluminized titanium alloy radiant tube technology, it provides both homogeneous heat and resistance to corrosion. Thanks to this technology, the radiant power has been maximized.



### VACUUM FANS

They are highly efficient fans that can operate under high temperatures. Possibility to exit from a single point with 2 and more chimney connections.

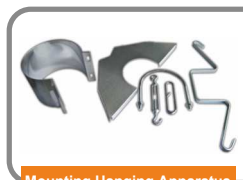
## Control Systems

### OPERATION WITH A SINGLE CONTROLLER "UP TO 32 DEVICES"



Our radiant heaters are produced in accordance with all kinds of automatic and remote control. It can be operated with the help of the simplest thermostat system and control panels produced with advanced technology. The system can be adjusted according to the number of devices and heating zones. Our control systems, which can be adjusted as user encrypted and computer controlled, allow the devices to be operated separately.

## Additional Material and Mounting Equipment



Mounting Hanging Apparatus



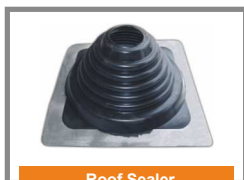
45° Wire Bracket



90° Bracket



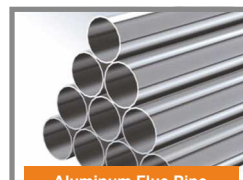
Tile Hat



Roof Sealer



Flue Reduction



Aluminum Flue Pipe



Flue Joining Tee

For other additional parts and mounting equipment, please ask our company for information.



## Ceramic Plate, Open Flame Radiant Heating Systems

### SPECIFICATIONS

*"Ideal solution for places with low ceiling height"*

- Low Fuel Consumption
- High Efficiency
- Spot Area Heating
- Noiseless Operating Feature
- Can be used with natural gas or LPG
- Ability to work parallel to the ground with 0°
- 900 °C Ceramic Surface Temperature
- Fulfills All Obligations of the EN 419 - 1 Standard.

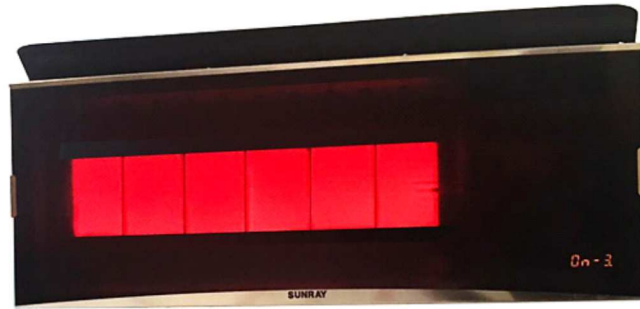
*"Single Remote Control System for up to 32 Devices"*

# Ceramic Heaters

"CAFE RESTAURANT"

SRP 6 - Blackglass

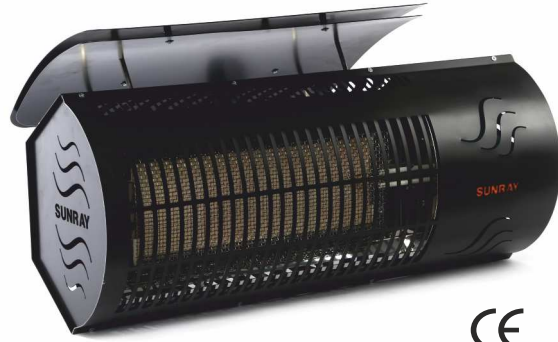
**SUNRAY®**



Ergonomic Design New  
Generation Technology  
Glass Device

MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 6 BLACKGLASS	15		1	1,56		1,12		180 cm	193 cm
SRP 6 ÇK BLACKGLASS	7,5	15		0,78	1,56	0,56	1,12		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	35 cm		84 cm		50 cm		17 kg		

## SRP 4 DESIGN



CE

MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 4 ÇK DESIGN	5	10	1	0,52	1,04	0,37	0,75	150 cm	168 cm
SRP 1x4 ÇKY DESIGN	6	12		0,63	1,25	0,45	0,90		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	23 cm		70 cm		50,5 cm		15 kg		

Ergonomic Design  
New Generation  
Technology

## SRP 6 DESIGN



CE

MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 6 DESIGN	15		1	1,56		1,12		180 cm	193 cm
SRP 6 ÇK DESIGN	7,5	15		0,78	1,56	0,56	1,12		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	23 cm		88 cm		50,5 cm		16,5 kg		

## Ceramic Heaters "CAFE RESTAURANT"

SRP 4

**SUNRAY**<sup>®</sup>



MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP ART K 7	7		1	0,73		0,52		150 cm	168 cm
SRP 4	10			1,04		0,75			
SRP 4 ÇK	5	10		0,52	1,04	0,37	0,75		
SRP 1x4 ÇKY	6	12		0,63	1,25	0,45	0,90		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	44,5 cm		57 cm		48 cm		15 kg		

SRP 6



MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 6	15		1	1,56		1,12		180 cm	193 cm
SRP 6 ÇK	7,5	15		0,78	1,56	0,56	1,12		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	44,5 cm		75,5 cm		48 cm		18,5 kg		

# Ceramic Heaters "INDUSTRIAL"

## SRP 8

# SUNRAY®



CE

MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 8	20		1	2,08		1,50		200 cm	206 cm
SRP 8 ÇK	10	20		1,04	2,08	0,75	1,50		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	47 cm		95 cm		48 cm		18,5 kg		

## SRP 10



CE

MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 1 x 10	27		1	2,81		2,02		200 cm	206 cm
SRP 1 x 10 ÇKY	15	27		1,56	2,81	1,12	2,02		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	47 cm		115 cm		48 cm		20 kg		



## Ceramic Heaters "INDUSTRIAL"

SRP 12

**SUNRAY**<sup>®</sup>



MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 1 x 12	32		1	3,34		2,39		200 cm	206 cm
SRP 1 x 12 ÇKY	15	32		1,56	3,34	1,12	2,39		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	47 cm		130 cm		48 cm		21,5 kg		

## Smart Solutions for Large Areas

SRP 2 x 4



MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 2 x 4	23		2	2,40		1,72		200 cm	206 cm
SRP 2 x 4 ÇKY	12	23		1,25	2,40	0,90	1,72		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	60 cm		57 cm		32 cm		16 kg		



# Ceramic Heaters "INDUSTRIAL"

## SRP 2 x 8



MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 2 x 8	38,1		2	3,97		2,85		200 cm	206 cm
SRP 2 x 8 ÇK	19,1	38,1		1,99	3,97	1,43	2,85		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	64,5 cm		114 cm		32 cm		25 kg		

## SRP 2 x 10

MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 2 x 10	51		2	5,32		3,81		200 cm	206 cm
SRP 2 x 10 ÇKY	26	51		2,71	5,32	1,94	3,81		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	64,5 cm		127 cm		32 cm		25 kg		

## SRP 2 x 12

MODELS	Rated Power (Kw)		Number of Burners	Fuel Consumption N. Gas		Fuel Consumption Lpg		Minimum Mounting Height	Flammable Material Min. Distance
	Min.	Max.		Min.	Max.	Min.	Max.		
SRP 2 x 12	62		2	6,46		4,64		200 cm	206 cm
SRP 2 x 12 ÇKY	34	62		3,54	6,46	2,54	4,64		
Electricity Information	230 V AC - 50 Hz - 0,6 amps								
Ignition	Electronic Ignition								
Operating Pressure Range	20 - 60 mbar								
Device Dimensions	Altitude		Breadth		Depth		Weight		
	64,5 cm		130 cm		32 cm		28 kg		

# anadolu radyant ısı sistemleri

*"Leading Organization in Its Sector"*



**SUNRAY**<sup>®</sup>

**RSSAN**

MADE IN ITALY  
**A2B ACCORRONI**



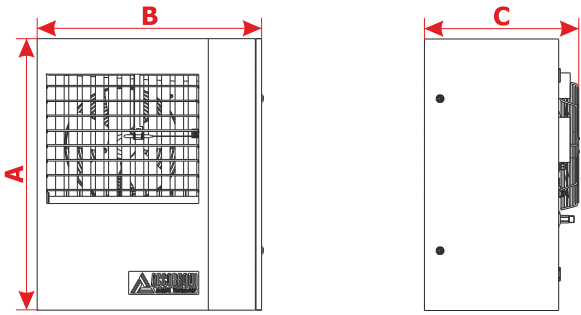
**Gas Fuel  
Hot Air Generators**

MADE IN ITALY



# Hot Air Generators

## MEC MIX F SERIES



	A (mm)	B (mm)	C (mm)
MEC MIX F - 35	902	747	583
MEC MIX F - 50			
MEC MIX F - 70	902	1494	583
MEC MIX F - 100			



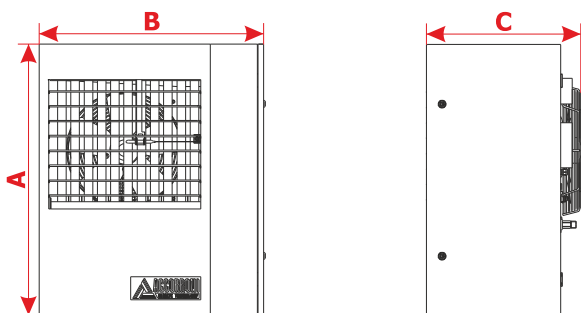
MODEL		MEC	MEC MIX F 35 A	MEC MIX F 50 A	MEC MIX F 70 A	MEC MIX F 100 A
Nominal Thermal Capacity (H <sub>i</sub> )		kW	34,9	50,1	69,8	100,2
		kcal/h	30,014	43,086	60,028	86,172
Nominal Thermal Power (H <sub>i</sub> )		kW	33,90	47,90	67,70	95,80
		kcal/h	29,154	41,194	58,222	82,388
Gas Consumption (15 °C - 1,013mbar)	Methane G <sub>20</sub> (Natural gas)	m <sup>3</sup> /h	3,69	5,30	7,39	10,60
	Butane G <sub>30</sub>	kg/h	2,71	3,89	5,42	7,78
	Propane G <sub>31</sub>	kg/h	2,75	3,95	5,51	7,91
Operating Pressure (15 °C - 1,013mbar)	G <sub>20</sub> P <sub>20</sub> mbar	mbar	20			
	G <sub>30</sub> P <sub>28-30</sub> mbar	mbar	37			
	G <sub>31</sub> P <sub>37</sub> mbar	mbar	37			
Injector Diameter	G <sub>20</sub>	mm/100				
	G <sub>30</sub> - G <sub>31</sub>	mm/100				
Gas Inlet		mm/100	R 1/2"			
Fresh Air Intake Diameter		mm	60	2X60		
Flue Diameter		mm	60	2X60		
Power Supply			230 V 1/50 hz			
Axial Fan MEC MIX F Series	Air Capacity	m <sup>3</sup> /h	3600		7200	
	Cycle / Minute	n <sup>o</sup>	1120		1210	
	Blowing Distance	m	27		27	
	Sensible Heat During Blowing	°C	28,1	39,8	28,1	39,8
	Sound Level (at 5m)	dBA	48		51	
	Electrical Power	W	365		730	
	Current	A	6,3		2x6,3	
	Net Weight	kg	84		160	

- Elegant Appearance
- Minimum Sound
- High Efficiency
- Long Life
- Stainless Steel Heat Exchanger



# Hot Air Generators

## MEC SERIES



	A (mm)	B (mm)	C (mm)
MEC 20 - 30 MEC 25 - MEC 35	<b>840</b>	<b>695</b>	<b>477</b>
MEC 50 - MEC 57	<b>840</b>	<b>1147</b>	<b>477</b>
MEC 85	<b>870</b>	<b>1748</b>	<b>542</b>



MODEL		MEC	MEC-25	MEC-30	MEC-35	MEC-50	MEC-57	MEC-85	
Nominal Thermal Capacity (H <sub>i</sub> )	kW	25,0	30,0	34,8	50,0	57,0	85,0		
	kcal/h	21.500	25.800	29.900	43.000	49.000	73.100		
Nominal Thermal Power (H <sub>i</sub> )	kW	22,9	27,5	31,9	45,3	51,6	75,6		
	kcal/h	19.700	23.650	27.400	38.960	44.380	65.050		
Gas Consumption (15 °C - 1,013mbar)	Methane G <sub>20</sub> (Natural gas)	m <sup>3</sup> /h	2,65	3,17	3,70	5,29	6,03	9,00	
	Butane G <sub>30</sub>	kg/h	1,97	2,37	2,76	3,94	4,49	6,70	
	Propane G <sub>31</sub>	kg/h	1,94	2,32	2,71	3,88	4,42	6,60	
Operating Pressure (15 °C - 1,013mbar)	G <sub>20</sub> P <sub>20</sub> mbar	mbar	10,0	10,5	12,0	10,4	10,5	11,0	
	G <sub>30</sub> P <sub>25-30</sub> mbar	mbar	27,7	27,6	27,4	24,2	24,2	25,0	
	G <sub>31</sub> P <sub>37</sub> mbar	mbar	36,5	36,3	36,0	32,5	32,5	32,5	
Injector Diameter	G <sub>20</sub>	mm/100	310	340	350	350	370	400	
	G <sub>30</sub> - G <sub>31</sub>	mm/100	175	195	210	185/240	220	240	
Gas Inlet	mm/100	R <sub>1/2</sub>							
Fresh Air Intake Diameter	mm	140							
Flue Diameter	mm	80			100				
Power Supply		230 V ~ / 1 / 50 Hz							
Axial Fan MEC Series	Air Capacity	m <sup>3</sup> /h	2.100	2.300	2.500	4.600	5.000	7.400	
	Cycle / Minute	n <sup>o</sup>	1.095	1.215	1.370	1.260	1.350	1.335	
	Blowing Distance	m	16	18	22	18	22	22	
	Sensible Heat During Blowing	°C	33	35	37	30	31	30	
	Sound Level (at 5m)	dBA	45	47,5	50,5	50,5	54	55,5	
	Electrical Power	W	175	185	215	380	400	530	
	Current	A	4						
	Net Weight	kg	64			106		180	

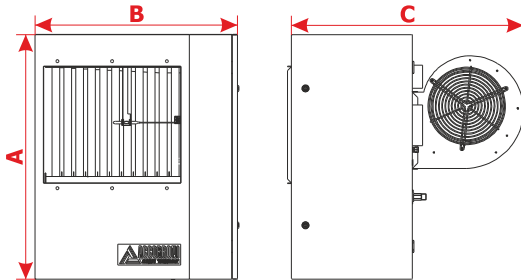
## Usage Areas :

- Cafeteria and Restaurants
- Factories
- Workshops
- Hangars
- Mosques
- Gyms
- Warehouses
- Stores
- Auto Repair and Service Station
- Showrooms
- Garages
- Supermarkets
- Conference Halls
- Fair Grounds
- Wedding Halls

# Hot Air Generators

## MEC C SERIES

MADE IN ITALY



	A (mm)	B (mm)	C (mm)
MEC 35 C	840	695	797
MEC 57 C	840	1147	797
MEC 85 C	870	1748	862

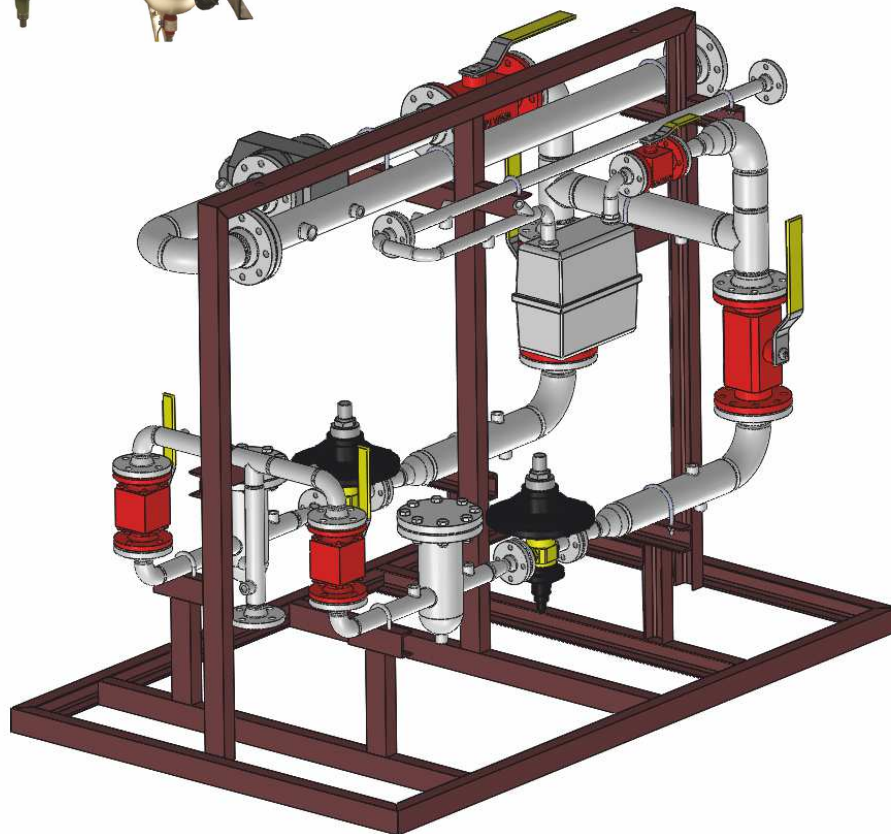
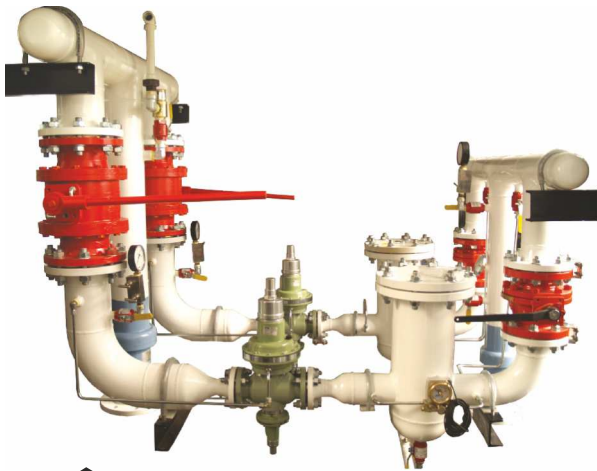


**“THE BEST SOLUTION FOR DUCTED HEATING SYSTEMS”**



MODEL		MEC	MEC-35	MEC-57	MEC-85
Nominal Thermal Capacity (H <sub>i</sub> )	kW	34,8	57,0	85,0	
	kcal/h	29.900	49.000	73.100	
Nominal Thermal Power (H <sub>i</sub> )	kW	31,9	51,6	75,6	
	kcal/h	27.400	44.380	65.050	
Gas Consumption (15 °C - 1,013mbar)	Methane G <sub>20</sub> (Natural gas)	m <sup>3</sup> /h	3,70	6,03	9,00
	Butane G <sub>30</sub>	kg/h	2,76	4,49	6,70
	Propane G <sub>31</sub>	kg/h	2,71	4,42	6,60
Operating Pressure (15 °C - 1,013mbar)	G <sub>20</sub> P <sub>20</sub> mbar	mbar	12,0	10,5	11,0
	G <sub>30</sub> P <sub>28-30</sub> mbar	mbar	27,4	24,2	25,0
	G <sub>31</sub> P <sub>37</sub> mbar	mbar	36,0	32,5	32,5
Injector Diameter	G <sub>20</sub>	mm/100	350	370	400
	G <sub>30</sub> - G <sub>31</sub>	mm/100	210	220	240
Gas Inlet	mm/100	R <sub>1/2</sub>			
Fresh Air Intake Diameter	mm	140			
Flue Diameter	mm	80	100		
Power Supply		230 V ~ / 1 / 50 Hz			
Radial Fan MEC C Series	Air Capacity	m <sup>3</sup> /h	2.500	5.000	7.300
	Cycle / Minute	n <sup>o</sup>	930	930	950
	Blowing Distance	m	100	100	100
	Sensible Heat During Blowing	°C	37,0	31,0	31,0
	Sound Level (at 5m)	dBA	48,5	51,5	53,0
	Electrical Power	W	580	1.050	1.550
	Current	A	6,3	10,0	15,0
	Net Weight	kg	73	125	207





### WHAT ARE RMS STATIONS ?

Pressure reducing and measuring stations are the stations established to reduce the gas coming from local stations at medium pressure to the pressure required by the customer and to make the measurement based on billing.

Pressure reducing stations can be single or double lines. The lines are designed with redundancy so that the gas flow is not interrupted during malfunction and maintenance. In case of failure in one of them, the other line is automatically activated and the assembly is made together with the By - Pass lines.

## STEEL GAS FILTER

# RSSAN



### **FILTER:**

Installation is made to clean the gas in the natural gas line from foreign substances and moisture. There is one filter on each line. There is a level indicator showing the level of water accumulated in the filter and a differential pressure manometer working with differential pressure in case of a blockage due to contamination. Cleaning is done by replacing the cartridge.

Filters are usually installed in two lines and at least one works as the case may be. Filters are manufactured to remove 90% of 5 micron (one thousandth of a millimeter) and larger particles.

## LPG VAPORIZERS

# SUNRAY®



### **Areas of Application:**

It is a complicated product used in conjunction with LPG tanks to meet the gas demand in areas where natural gas cannot reach.

### **Product Specifications:**

They are manufactured in 60 or 100 kg/h capacity.

A Text certified production is made.

All safety precautions offer safe and comfortable use with its automation panel.



# APPLICATION EXAMPLES

# CAFE - PUB & RESTAURANT





INDUSTRIAL FACILITIES & MOSQUEV







İvedik Organize Sanayi Bölgesi Has Emek Sanayi Sitesi  
1464. Sokak No: 18-20-22 Yenimahalle - ANKARA



T: 0312 395 60 66  
F: 0312 395 61 55



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