



# OPRANIC<sup>®</sup> PRO

- Optimum heat radiation with high-efficiency
- More than 90% of the energy is converted to radiant heat
- Unique infrared technology with a soft, comfortable warmth
- Mounted high on the wall or ceiling
- Designed to provide an effective spot heating for commercial and industrial places



## Heats like the sun!

Opranic infrared heaters have a heating technology that heats like the sun's rays. It heats objects directly without heating up the air in the environment, avoiding energy waste and retain humidity. If you like the warmth of the sun, then you will love the feeling you get from your Opranic infrared heater.



## Technology

Opranic radiation luminescence at 2.4  $\mu\text{m}$  wavelength has a high absorption capacity and almost no radiation reflected away. Our energy-efficient infrared heaters convert over 90% of input electrical energy directly into radiant heat.



## Application areas

Opranic infrared heaters bring comfort to patios, terraces, verandas, restaurants, semi-open areas, and any indoor or outdoor setting for private or commercial use. Even larger spaces such as shops, warehouses and garages can be efficiently and comfortably heated with Opranic infrared heating technology.

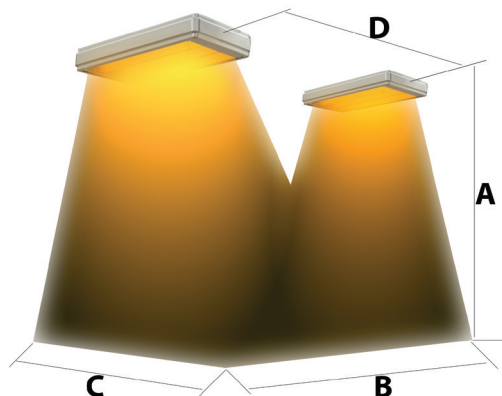


## Healthy and efficient heating

It is also healthy for the human skin by increasing blood circulation and does not contain any harmful rays. With Opranic infrared heaters we bring pleasant, inexpensive heat into every home and every commercial setting. They are safe for use both outdoors and indoors, allowing you to enjoy a clean, efficient, environmental heat!

## Opranic Pro - Vega

Opranic Pro - Vega series is especially designed for spot heating of premises with high ceilings and where large volumes needs to be heated, such as industrial premises, warehouses, hangars and churches. With its high efficiency and optimal wavelength of radiation, the heating costs is reduced compared to traditional heating methods. With its weather proof design it can also be installed at outdoor environments and other difficult applications.



Model	Power (watt)	Heating area (m <sup>2</sup> )	Heat concentration (w/m <sup>2</sup> )	No. of heaters	Distance (m)			
					A	B	C	D
VEGA54	5 400	40	100	1	3	8	5	
	5 400	54	100	1	4	9	6	
	10 800	108	100	2	5	16,6	6,5	6,5
	10 800	108	100	2	6	15,6	6,9	4,6
VEGA69	6 900	54	128	1	4	9	6	
	6 900	69	100	1	5	10,1	6,5	
	13 800	138	100	2	6	19	6,9	8,0
	13 800	138	100	2	7	18,1	7,3	6,1
VEGA90	9 000	56	161	1	4	9	6,2	
	9 000	68	132	1	5	10,1	6,7	
	9 000	78	115	1	6	11	7,7	
	18 000	180	100	2	8	22,8	7,9	9,8

Model	VEGA54	VEGA69	VEGA90
Voltage (V)	220-230 / 380-400	220-230 / 380-400	220-230 / 380-400
Power (W)	5 400	6 900	9 000
Current (A) (at 230V or 400V)	24,5 / 8,1	31,3 / 10,4	40,9 / 13,6
Lifetime (hours)	9 000	9 000	9 000
Body	Aluminum	Aluminum	Aluminum
Mounting	Wall / Ceiling	Wall / Ceiling	Wall / Ceiling
Min. distance to ceiling (cm)	50	50	50
Min. distance to wall (cm)	70	70	70
Min. distance to floor (cm)	300	300	300
Min. distance to combustible material (cm)	300	300	300
Usage	Only horizontal	Only horizontal	Only horizontal
Height - Width - Depth (cm)	13 x 79 x 48	13 x 79 x 48	13 x 99 x 48
Weight (kg)	13,2	13,2	15,4
Certifications	CE - IP34	CE - IP34	CE - IP34

