# OPRANIC®

## NOVA series

- **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**
- **Remote controlled with 5 heat levels or thermostatically controlled**
- **Easily mounted on the wall, ceiling or stand at any location indoors or outdoors**
- **Designed to provide an effective spot heating for residential and commercial 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 µm 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, and operate for just cents per hour.

### 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!

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## Opranic - NOVA

Infravärmare för vägg eller tak montering med termostatstyrning eller effekt reglering med fjärrkontroll för utomhus eller inomhus bruk. Den patenterade infravärme tekniken värmer objekt direkt utan att värma upp luften i miljön vilket undviker energislöseri samt behåller luftfuktigheten vid inomhus bruk. Filamentet ger ett svagt orange sken där den effektiva värmestrålningen har en hög absorberings grad av människor och de flesta föremål. Konstruktionen är av dubbla lager aluminium och chassit uppnår maximalt ca: 75 grader vid full effekt, vilket gör produkten väl lämpad för montering under solskyddsmarkiser (eller annat känsligt material) utan att lämna några märken på materialet bakom värmaren. Opranic Nova serien är skyddad för väta (IP34) och kan monteras utomhus (balkonger, terrasser, m.m.) för året runt bruk. Materialen är rostskyddade och av hög klass och konstruerad att hålla i många år med full effektivitet

| Mark | Distance | Remark |
|---|---|---|
| A | 20/*60cm | Distance to roof (A-2 = 13cm) |
| B | 180cm | Distance to floor (minimum installation height) |
| C | 100cm | Distance to flammable material |
| D | <1800W 40cm<br>>1800W 60cm | Distance to wall |
| E | 45° | Tilted downwards 45°<br>*If 0° angle min distance (A) is 60cm to roof |

| Power | 2m | 3m | 4m | 5m |
|---|---|---|---|---|
| 1400W | 20,2° | 16,1° | 15,3° | 15,0° |
| 1800W | 21,9° | 18,0° | 16,7° | 15,4° |
| 2300W | 26,1° | 20,6° | 18,0° | 16,5° |
| Temperature distance - performed in 15° celsius ± l° semi-closed area | | | | |

| Modell | E-Nummer | Reglering | Effekt (W) | IP | Ström (A) | Värmeområde ($m^2$) Ute / Inne | Dimensioner (cm) L x B x H | Vikt (kg) |
|---|---|---|---|---|---|---|---|---|
| NOVA14T | 8570024 | Termostat | 1400 | IP34 | 6,1 | 7 / 14 | 75,5 x 11,3 x 19,0 | 3,0 |
| NOVA18T | 8570025 | Termostat | 1800 | IP34 | 7,9 | 9 / 18 | 88,0 x 11,3 x 19,0 | 3,5 |
| NOVA23T | 8570026 | Termostat | 2300 | IP34 | 10,0 | 11 / 23 | 88,0 x 11,3 x 19,0 | 3,5 |
| NOVA23R | 8570030 | Fjärrkontroll | 1400-2300 (5-step) | IP34 | 10,0 | 11 / 23 | 88,0 x 11,3 x 19,0 | 3,6 |
| STAND18A | 8570089 | 1,8 meter | Med tippskydd | | | | 85 x 85 x 185 | 3,4 |

Spänning: 230 - 240 Volt | Färg: Ljus brons | Garanti: 2 år | Brinntid: 6 000 timmar | IP34 | Endast horisontell montering

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