

2027



PRODUCT CATALOGUE · ENGLISH

OPRANIC®

Swedish by design. Proven by performance.

Swedish-designed heating and air, refined for homes, hospitality and professional spaces. Infrared expertise since 2009.

ABOUT OPRANIC

Infrared, refined since 2009.

Opranic is a Swedish infrared-heating specialist based in Stockholm. Since 2009, we have tested, compared, serviced and refined radiant-heating products for outdoor, indoor and professional use. That accumulated experience shapes every product in the range.

INFRARED EXPERIENCE

2009

Working with infrared heating since 2009.

UNITS SOLD

>100,000

Units sold across Europe since 2009.

RADIANT HEAT

96%

Of the electrical energy becomes radiant heat in an IR-X Carbon Black™ element.

ENGINEERED AS ONE SYSTEM

An infrared heater is more than its emitter. Reflector geometry, housing, electronics, controls, materials and construction all shape how it performs. Opranic develops these parts together, carrying what we learn from testing and real use into every revision. Our own industrial design and dedicated tooling allow the complete system to be refined from one generation to the next.

SWEDISH ENGINEERING. EUROPEAN PRODUCTION.

Opranic's infrared-heating range is engineered in Sweden and produced in Europe to Opranic specifications. This keeps the critical choices within our control and gives each generation room to improve.

PERFORMANCE, MADE VISIBLE.

We publish specifications, product features and recommended prices so that performance, design, durability and support can be judged on their substance. The result is considered Scandinavian design backed by clear technical detail, whether for a single terrace or a complete installation.

CHOSEN BY THE TRADE

In Sweden, Opranic is stocked by professional electrical and HVAC wholesalers including Sonepar and Rexel, as well as established retail channels for private customers.

TESTED AND RECOMMENDED

Best in test. inspekto.se, awarded repeatedly from 2022 to 2025.

Best Buy. The Independent and The Telegraph, international terrace-heater tests.

Recommended. Aftonbladet, Testson, Testat.nu, Hantverksproffset and Vergleich.org.

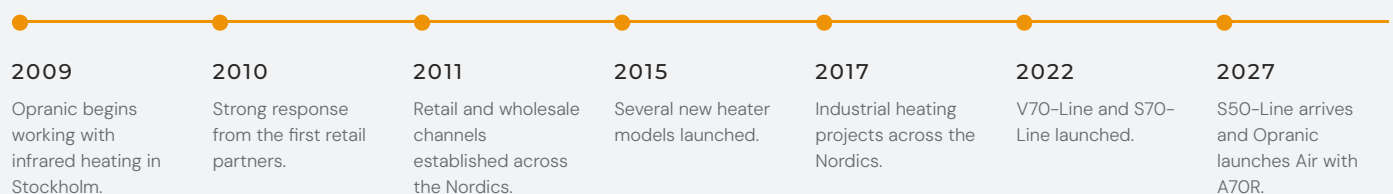
Hundreds of verified customer reviews on Amazon across Europe.

NEW FOR 2027: AIR

A70R introduces Air as a new category for the warmer season. A70R brings Opranic's restrained design and intuitive control to a fan designed to be felt rather than heard. Infrared heating remains the specialist foundation of the company.

HOW TO READ THIS CATALOGUE

Every product carries the Opranic name and a model code. V70-Line and V50-Line mount on walls and ceilings. S70-Line and S50-Line stand on the floor. P5-Line heats indoor rooms, A70-Line moves air and I90-Line heats halls. An R in the model name denotes remote control.



THE RANGE

Product portfolio 2027

The Opranic portfolio is built around two categories. Infrared Heating remains the technical core: wall and ceiling heaters, floor-standing towers, indoor panels and industrial radiant systems. For 2027, Air joins the range with A70R. The catalogue follows how and where each line is used, moving from application to specification.



V70-LINE · V50-LINE

Wall and ceiling: Pro V70, Pro V70R and V50R.



S70-LINE · S50-LINE

Floor-standing towers: S70R and S50R.



P5-LINE

Indoor panels in four sizes.



A70-LINE

Air: A70R pedestal fan. Just Air. Silent.

CONTENTS

About Opranic	Since 2009, tested and recommended	2
The range and contents		3
What infrared heat is	Warms you, not the air; why it works outdoors	4
IR-X Carbon Black™	Heat, precisely engineered.	5
Independent research	LTU and Vattenfall, tested down to -30 °C	6
Materials and production		7
V70-Line and V50-Line	Shared data, mounting, electrical, heat by distance	8
Frequent and extended use, 2300 W, Auto-restart mode	<i>PRO V70R</i>	10
Frequent and extended use, fixed 1800 W	<i>PRO V70</i>	11
Seasonal outdoor use, 2300 W, remote	<i>V50R</i>	12
S70-Line and S50-Line	Shared data, placement, accessories	14
Frequent and extended use, 2300 W, remote and timer	<i>S70R</i>	16
Seasonal outdoor use, 1800 / 2300 W	<i>S50R</i>	17
A70-Line: DC pedestal fan	<i>A70R</i>	19
P5-Line: indoor panel heaters, 300 to 900 W	<i>P5</i>	22
I90-Line: industrial heat for high ceilings, 5400 to 9000 W	<i>PRO I90</i>	25
Accessories	Covers, remotes, brackets and feet	28

UNDERSTANDING OUR MODEL CODES

The letter identifies the product category. The number indicates its position within that category.

A	Air. Fans for air movement and everyday comfort.	Up to 50	Straightforward models for everyday use. In the heating range, typical settings include home terraces, small cafés and compact seating areas.
S	Freestanding. Portable floor-standing heaters that can be moved between seating areas.	70	More substantial models for frequent use. In the heating range, these serve restaurant terraces and larger outdoor seating areas, with suitable models supporting use throughout the year.
V	Wall and ceiling. Mounted heaters for fixed installation.	90	The highest tier, developed for demanding professional applications, with construction and features tailored to the intended setting. This can include industrial environments and specialist installation requirements.
I	Industrial. Heaters developed for industrial environments and their particular requirements.		
P	Panel. Panel heaters.		

R indicates remote control. Refer to each model's specifications for its intended use and warranty.



THE TECHNOLOGY · WHAT INFRARED HEAT IS

Infrared heat delivers warmth directly

Infrared radiation transfers energy directly from source to people and surfaces. Unlike convective heating, it does not first need to warm a volume of air. Outdoors, where moving air quickly carries convective heat away, radiant heating is particularly effective.

RADIANT HEAT

96%

Of the electricity you pay for becomes infrared heat. The last few per cent are the soft orange glow.

WARM-UP TIME

3–5^s

Press the button and the heat is there within seconds, aimed exactly where it is needed.

INGRESS PROTECTION

IP65

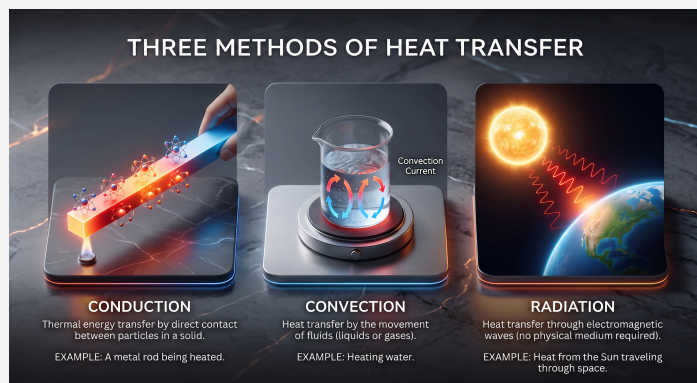
Built to live all year in a Nordic climate: rain, sleet and salt coastal wind.

DIRECT CO₂ EMISSIONS

Zero

Unlike gas heaters, Opranic produces no direct CO₂ emissions during operation.

THREE WAYS HEAT MOVES



Conduction requires contact. Convection relies on air. Radiation travels directly from source to surface, the same principle by which the sun warms the earth across 150 million kilometres.

Infrared radiation is a natural phenomenon. When its invisible rays are absorbed by an object, their energy becomes heat. An infrared heater uses the same form of electromagnetic radiation to warm people and surfaces directly. Conventional heaters use the air as an intermediary; outdoors, moving air carries that warmth away.

WARMTH YOU FEEL DIRECTLY

Infrared heat feels immediate, even and close to the skin. It creates no draught of heated air and reaches full strength within seconds.

WARMTH WITHOUT MOVING THE AIR

Infrared heat works silently, without a fan or moving airstream. Outdoors, it provides heat without combustion, open flame or gas cylinders.

WHY RADIANT HEAT WORKS SO WELL OUTDOORS

Moving air carries convective heat away from a terrace. Infrared radiation travels directly from the heater to people and surfaces, making it less dependent on warming the surrounding air. Opranic outdoor heaters are designed to remain mounted throughout the year, delivering full heat within seconds, with no gas to replace and no flame to shield from the wind.

THE TECHNOLOGY · IR-X CARBON BLACK™

Heat, precisely engineered.

IR-X Carbon Black™ is the complete radiant system behind Opranic heat. It brings carbon fibre, quartz glass, operating temperature and reflector geometry together as one.

SPECTRAL PEAK

2.2 μm

Full-power spectral peak.

RADIANT HEAT

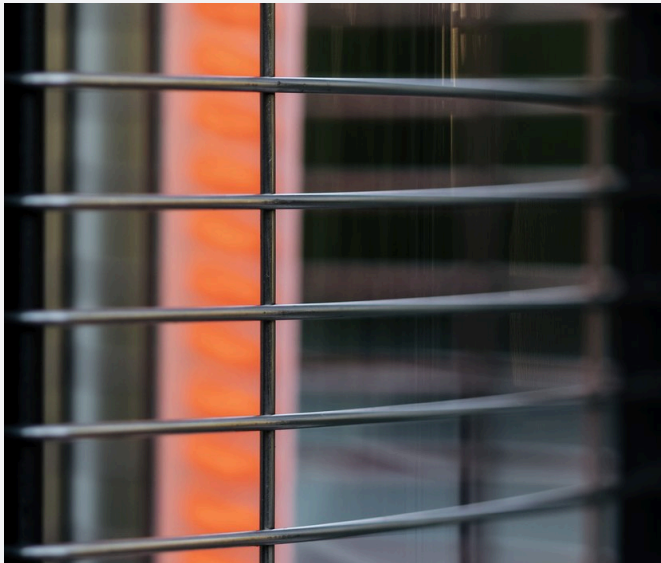
96%

Electrical energy converted into radiant heat.

WARM-UP TIME

3–5^s

Full radiant heat after switch-on.



IR-X CARBON BLACK™. AT ITS CORE.

Premium-grade carbon fibre, selected to Opranic's exacting standards, is sealed inside a high-quality quartz glass tube. Chosen for its infrared transmission, thermal stability and strength, the element is engineered to perform whether installed horizontally or vertically.

THE RIGHT HEAT. AT THE RIGHT WAVELENGTH.

At operating temperature, the element is tuned to a spectral peak of approximately 2.2 μm in the medium-wave IR-B band. The quartz transmits the radiation. The reflector shapes and directs it.

The result is fast, focused warmth with very low visible glare and up to 96 per cent conversion of electrical energy into radiant heat. Of every 1,000 W supplied, around 960 W leaves the element as infrared radiant heat. Shortwave emitters run hotter and lose more of their output as visible light; low-temperature emitters below about 700 °C give no glow, but a larger share of their energy leaves as convection.



Feel the sun, not the glare.

IR-X CARBON BLACK · ELEMENT · QUARTZ · REFLECTOR

THE TECHNOLOGY · INDEPENDENT RESEARCH

Tested by LTU and Vattenfall, down to -30°C

Opranic collaborated with Vattenfall, one of Europe's largest energy companies, to test infrared heating for removing ice from wind turbine blades.* The independent study ran at Luleå University of Technology in 2019, in a climate chamber at the Arctic Falls facility in Piteå at temperatures down to minus 30 degrees Celsius, and was later published in the Journal of Cold Regions Engineering.

TESTED DOWN TO

-30°C

Climate chamber, Arctic Falls, Piteå.

WHAT MATTERS MOST

2

Parameters: wavelength and distance.

PUBLISHED

ASCE

Journal of Cold Regions Engineering, 2022. Peer-reviewed.

ASSESSMENT BASIS

ICNIRP

Guidelines for incoherent visible and infrared radiation.

WHAT THE RESEARCHERS FOUND

The researchers compared different forms of infrared heat and identified wavelength and distance as the two parameters with the greatest influence on performance. In the study, the longer, medium wavelengths used by Opranic were more readily absorbed by the surface instead of being reflected.

This supports the engineering principle behind Opranic heaters since 2009. The full thesis is available as a PDF at opranic.com and in the LTU publication record, diva2:1689207.

ASSESSED AGAINST RECOGNISED GUIDELINES

Exposure to infrared radiation can be assessed against ICNIRP guidelines for incoherent visible and infrared radiation. The applicable limits depend on wavelength, intensity, exposure duration and source size.

SOURCES AND PARTNERS

Luleå University of Technology	Independent study, 2019
Vattenfall R&D	Research partner
Journal of Cold Regions Engineering	ASCE, peer-reviewed, 2022
ICNIRP	Safety guidelines for non-ionising radiation

* Vattenfall is a Swedish state-owned energy company and one of Europe's largest producers and retailers of electricity and heat. The company has approximately 21,000 employees, serves around 12 million customers and operates across several European markets.



Symbolic image. The tests ran in a climate chamber at the Arctic Falls facility in Piteå.

European production, beyond final assembly.

Aluminium is a primary structural material in Opranic outdoor heaters. Most heaters on the market are specified as a finished housing from a factory, with no visibility of the metal behind it. Opranic works differently: the aluminium itself is part of a documented European production chain.



Aluminium profiles on the extrusion line.

FROM BILLET TO HOUSING

It starts with primary aluminium billet, alloy AA 6063, cast to a defined specification with the chemical composition of every cast recorded and certified. The billet comes from a single integrated producer that mines, refines, smelts and casts the metal at one site. The aluminium profiles are then produced close to Opranic's European heater manufacturing, keeping an important part of the product within the same regional supply chain.

DOCUMENTED MATERIAL

Primary AA 6063 aluminium with cast-level certification.

SINGLE SOURCE

One integrated producer, from bauxite to billet.

VISIBILITY BEFORE ASSEMBLY

This gives Opranic knowledge of the material, its specification and the process behind it before it becomes part of the finished heater.

The billet producer operates certified management systems for quality (ISO 9001), environment (ISO 14001), energy (ISO 50001) and occupational health and safety (ISO 45001). Material documentation is available on request.

REGIONAL SUPPLY CHAIN

Billet, extrusion and heater production in one country.

CERTIFIED PRODUCER

ISO 9001 · ISO 14001 · ISO 50001 · ISO 45001.

For Opranic, European production means more than final assembly.

It means knowing what goes into the product and how it gets there.

SWEDISH ENGINEERING · EUROPEAN PRODUCTION



WALL AND CEILING HEATERS · V70-LINE AND V50-LINE

Wall and ceiling heaters

V70-Line and V50-Line

Two lines built around the same IR-X Carbon Black™ element. Pro V70 and Pro V70R are designed for frequent and extended use; V50R is designed for seasonal outdoor use. All three mount on a wall or ceiling, keeping the floor clear. Applications range from restaurant terraces and hotels to balconies and holiday homes.

PEAK WAVELENGTH

2.2 μm

IR-X peak wavelength at full power.

TIME TO HEAT

3–5 s

Full radiant heat seconds after switch-on.

INGRESS PROTECTION

IP65

Mounted all year round. Rain, snow, frost and dust.

IN THIS SECTION

PRO V70 **PRO V70R** **V50R**

Shared data for the whole range, then two pages per line: V70-Line, V50-Line.

TECHNOLOGY

IR-X Carbon Black: carbon fibre filament and parabolic reflector, full heat in 3 to 5 seconds.

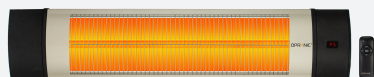
ALSO IN THE RANGE

S70-Line and S50-Line floor-standing towers, A70-Line fans. Datasheets and the heat calculator at opranic.com.

The right heater for the way the space is used

All three models mount on a wall or ceiling and use the same IR-X Carbon Black™ element.

The choice depends on how often the space is heated and how the installation will be controlled. Required output follows from the area, using the sizing guide at the end of this section.



V50R

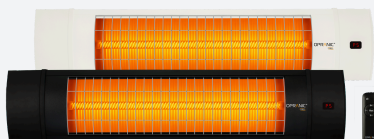
SEASONAL OUTDOOR USE

For spring and autumn evenings, weekends and holidays, when the heater runs only while the space is in use.

V50R delivers immediate radiant warmth with 2300 W of output, five power levels and remote control. Its anodised aluminium housing is finished in Champagne, for outdoor spaces heated when needed.

TYPICAL APPLICATIONS

- Terraces and balconies
- Covered patios
- Holiday homes and summer houses



PRO V70R

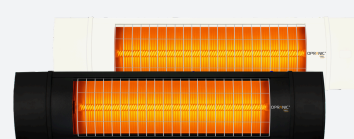
FREQUENT AND EXTENDED USE

For terraces used evening after evening, with each zone adjusted where the guests are.

Pro V70R combines five power levels, a long-range remote and a sleep timer. Auto-restart mode, once enabled, resumes heating at the last level after central switching or a power cut, allowing the terrace to be controlled from one point.

TYPICAL APPLICATIONS

- Restaurant and café terraces
- Hotel courtyards and covered dining
- Frequently used residential terraces



PRO V70

FIXED INSTALLATION AND CENTRAL CONTROL

For heaters wired into a wall switch, timer or building-control system.

Pro V70 provides a fixed 1800 W output for predictable electrical planning. The load per circuit is known from the outset, and every heater in the zone can be switched from one point, with nothing to set at the unit and no remotes to manage.

TYPICAL APPLICATIONS

- Wired terrace installations
- Entrances and walkways on timers
- Outdoor zones on building control

MOUNTING

Wall or ceiling, adjustable angle bracket supplied with every model.

INTENDED USE

Outdoor use only, IP65. Mounted all year round: rain, snow, frost and dust.

ELEMENT

IR-X Carbon Black with its peak at 2.2 µm, full heat 3 to 5 seconds after switch-on.

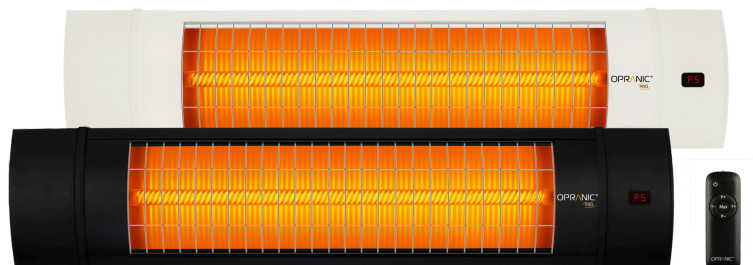
IN DETAIL

Technical data, mounting and electrical details on each model's page; sizing and placement at the end of the section.

V70-LINE · FREQUENT AND EXTENDED USE · WALL AND CEILING

Designed for evenings that run late. Pro V70R combines five power levels, a long-range remote, a sleep timer and Auto-restart mode for frequent and extended use, including central switching across a complete terrace.

PRO V70R



- 01 Full heat 3 to 5 seconds after switch-on
- 02 Element life up to approx. 12,000 hours
- 03 Pro reflector, rust-proof stainless steel construction
- 04 IP65, mounted outdoors all year round
- 05 Auto-restart mode, selectable: resumes heating at its last level after a power cut

JET BLACK AND CLOUD WHITE

CONTROL ACROSS THE TERRACE

Pro V70R is designed for spaces where heat works evening after evening: restaurant terraces, hotel courtyards, covered outdoor dining and frequently used residential terraces. Its parabolic reflector directs the radiant heat towards the guests rather than the roof above.

Auto-restart is designed for central switching. Enable it on each heater, connect several heaters to one switch or timer, and each unit resumes heating at its last level after a power cut, allowing the complete terrace to be controlled from one point.

TYPICAL APPLICATIONS

- Restaurant and café terraces
- Hotel courtyards and rooftops
- Covered outdoor dining and pavilions
- Pergolas and sheltered seating areas

IN THE BOX

- Heater with wall and ceiling bracket
- Remote control
- Mounting hardware
- Manual, EN/SV/DE/FR/ES

TECHNICAL DATA

Output	2300 W, 5 levels (920–2300 W)
Control	Remote, long range
Sleep timer	1–9 h
Auto-restart mode	Yes, selectable; off as delivered
Element	IR-X Carbon Black™, 2.2 µm peak
Grille	Brushed stainless steel 18/8
Reflector	Pro
Intended use	Outdoor use only
Ingress protection	IP65
Mounting	Wall or ceiling
Cable	1.9 m with plug, 230 V
Housing	Powder-coated aluminium, painted side covers, stainless screws
Element life	up to approx. 12,000 h
Size, weight	91.5 × 19.5 × 9 cm, 3.4 kg
Warranty	5 years, heating tube 2 years

ORDERING

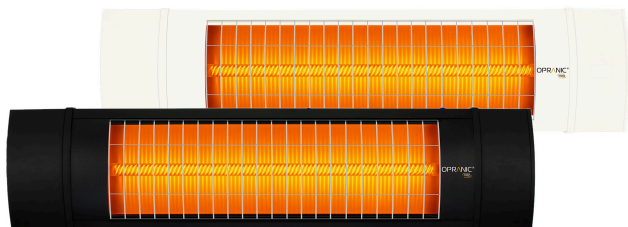
Model	Colour	Plug	Art. no.	EAN
Pro V70R	Jet Black	EU	V70-23XRB	7350009972697
Pro V70R	Cloud White	EU	V70-23XRW	7350009972703
Pro V70R	Jet Black	UK	V70-23XRB-GB	7350009972727
Pro V70R	Cloud White	UK	V70-23XRW-GB	7350009974165

Article numbers and EAN from the Opranic product register. Shared mounting, electrical and heat data on page 13. Datasheet at opranic.com/pro-v70.

V70-LINE · FREQUENT AND EXTENDED USE · WALL AND CEILING

One output. Complete control. Pro V70 provides a fixed 1800 W output for frequent and extended use. It is designed for installations controlled from a wall switch, timer or building-control system.

PRO V70



- 01 Full heat 3 to 5 seconds after switch-on
- 02 Element life up to approx. 12,000 hours
- 03 Pro reflector, rust-proof stainless steel construction
- 04 IP65, mounted outdoors all year round
- 05 Same housing concept and bracket as the Pro V70R

JET BLACK AND CLOUD WHITE

ONE SETTING IS ENOUGH

Installations controlled from a wall panel or timer often need only simple on/off control. Pro V70 uses the same element, housing and mounting system as Pro V70R, without remote control or power levels.

Its fixed 1800 W output makes the load per circuit predictable: 8 A per heater, one heater per circuit. A complete row can be planned like any other fixed installation.

TYPICAL APPLICATIONS

- Fixed installations by an electrician
- Restaurant terraces on central switching
- Hotel courtyards and rooftops
- Pergolas and covered outdoor dining

IN THE BOX

- Heater with wall and ceiling bracket
- Mounting hardware
- Manual, EN/SV/DE/FR/ES

TECHNICAL DATA

Output	1800 W, fixed
Control	On/off, wall switch or timer
Sleep timer	—
Auto-restart mode	—
Element	IR-X Carbon Black™, 2.2 µm peak
Grille	Brushed stainless steel 18/8
Reflector	Pro
Intended use	Outdoor use only
Ingress protection	IP65
Mounting	Wall or ceiling
Cable	1.9 m with plug, 230 V
Housing	Powder-coated aluminium, painted side covers, stainless screws
Element life	up to approx. 12,000 h
Size, weight	84 × 19.5 × 9 cm, 3.0 kg
Warranty	5 years, heating tube 2 years

ORDERING

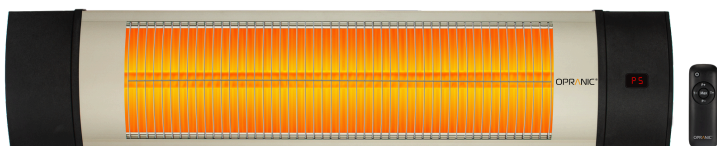
Model	Colour	Plug	Art. no.	EAN
Pro V70	Jet Black	EU	V70-18XB	7350009972680
Pro V70	Cloud White	EU	V70-18XW	7350009974073

Article numbers and EAN from the Opranic product register. UK version on request. Shared mounting, electrical and heat data on page 13.

V50-LINE · WALL AND CEILING

Seasonal comfort, precisely controlled. V50R delivers immediate radiant warmth with 2300 W of output, five power levels and remote control. Its anodised aluminium housing is finished in Champagne, a restrained form for outdoor spaces heated when needed.

V50R



- 01 Full heat 3 to 5 seconds after switch-on
- 02 Sleep timer 1 to 9 hours
- 03 Anodised aluminium, champagne finish
- 04 IP65, withstands harsh weather
- 05 Plug-in: 1.9 m cable, standard 230 V outlet

CHAMPAGNE · REMOTE INCLUDED

SEASONAL OUTDOOR USE

V50R is designed for seasonal outdoor use and spaces heated only when needed. It uses the same IR-X Carbon Black™ element and the same 2.2 µm peak as the V70-Line. Around the element, the specification is distinct: a standard reflector, a rust-protected grille and screws, unpainted black side covers and no Auto-restart mode.

The housing is anodised aluminium in Champagne. The element is rated for up to 8,000 hours, covering many seasons for a terrace heated while it is in use.

TYPICAL APPLICATIONS

- Terraces and balconies
- Covered patios
- Smaller café terraces and shop entrances
- Holiday homes and summer houses

IN THE BOX

- Heater with wall and ceiling bracket
- Remote control
- Mounting hardware
- Manual, EN/SV/DE/FR/ES

TECHNICAL DATA

Output	2300 W, 5 levels (920–2300 W)
Control	Remote control
Sleep timer	1–9 h
Auto-restart mode	—
Element	IR-X Carbon Black, 2.2 µm peak
Grille	Chrome-plated steel
Reflector	Standard
Intended use	Outdoor use only
Ingress protection	IP65
Mounting	Wall or ceiling
Cable	1.9 m with plug, 230 V
Housing	Anodised aluminium, champagne, black side covers, rust-protected screws
Element life	up to 8,000 h
Size, weight	91.5 × 19.5 × 9 cm, 3.2 kg
Warranty	2 years

ORDERING

Model	Colour	Plug	Art. no.	EAN
V50R	Champagne	EU	V50-23XRC	7350009973557

Article number and EAN from the Opranic product register. Shared mounting, electrical and heat data on page 13. Datasheet at opranic.com/v50r.

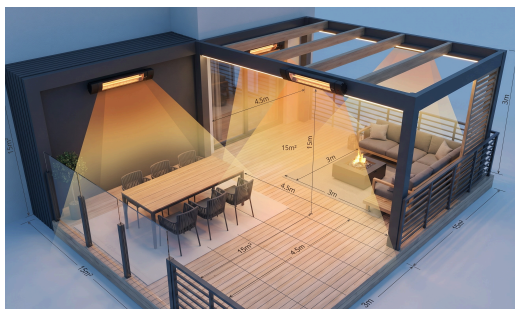
Sizing and placement

As a rule of thumb, allow up to 200 W per square metre outdoors. At full 2300 W output, one V50R warms approximately 11 m² of sheltered terrace.

SIZING BY AREA

Area	Sheltered terrace	Open terrace, wind
Up to 6 m ²	1 × V50R at level 3	1 × V50R
6–11 m ²	1 × V50R	2 × V50R
11–20 m ²	2 × V50R	3 × V50R
20–30 m ²	3 × V50R	Ask us

Guide values for a seated area, 1.8 to 2.5 m mounting height, about 10 °C outdoors. Wind and open sides raise the need; a roof and side walls lower it. The heat calculator at opranic.com takes your own measurements.



PLUG-IN INSTALLATION

V50R runs from a standard 230 V outlet on its own 10 A circuit; two heaters require two circuits. The 1.9 m cable reaches a wall socket from a heater mounted at 2.2 m. Keep the remote indoors; at normal terrace distances, it operates through a window.

PLACEMENT

Mount 1.8 to 2.5 m above the floor and angle the heater 30 to 45 degrees towards the seated area, above head height and beyond the reach of children.

Aim at people, not at the floor: the heat is felt where the radiation lands.

Keep at least 100 cm clear in front of the heater, in the direction it is aimed, and no textiles in the beam. Keep combustible material 70 cm from the sides and from below the heater; walls outside the beam need 30 cm, the wall behind 10 cm.

Two heaters facing each other across a table give the most even warmth.

ACCESSORIES

Item	Fits	Art. no.	EAN
Weather cover, black	V50R, Pro V70, Pro V70R	WALLCOVER-B	7350009970563
Spare remote control	V50R, Pro V70R	OS-REMOTE70	7350009973519

WARRANTY

Five years on Pro V70 and Pro V70R and two years on V50R, covering the heater and its electronics under normal use; the heating tube is covered for two years on every model. Keep the invoice; claims go through the reseller or info@opranic.com.

SERVICE AND SPARE PARTS

Spare remote, brackets and weather cover are stocked in Sweden, Germany and the UK. Element replacement is a workshop job.

COMPLIANCE

CE marked, EMC tested. IP65 to IEC 60529 for outdoor mounting. No open flame, no gas, no moving parts.

OPRANIC

Infrared heating since 2009
Stockholm, Sweden

ORDER AND ADVICE

info@opranic.com
+46 8 559 203 60

ONLINE

opranic.com
Datasheets and the heat calculator



FLOOR-STANDING TOWERS · S70-LINE AND S50-LINE

Floor-standing heaters

S70-Line and S50-Line

Radiant warmth, without installation. Each tower stands on its own base, plugs in and delivers full heat within seconds. S70-Line is designed for frequent and extended use; S50-Line for seasonal outdoor use, with two outputs in a compact all-black housing. Applications range from restaurant terraces to balconies and summer houses.

PEAK WAVELENGTH

2.2 μm

IR-X peak wavelength at full power.

TIME TO HEAT

3–5^s

Full radiant heat seconds after switch-on.

TIP-OVER PROTECTION

Yes

Heating stops automatically if the tower is pushed over.

IN THIS SECTION

S70R S50R

Shared data for both towers, then one page per model and a page on placement and accessories.

TECHNOLOGY

IR-X Carbon Black™: carbon fibre filament and parabolic reflector, full heat in 3 to 5 seconds.

ALSO IN THE RANGE

V70-Line and V50-Line wall and ceiling heaters, A70-Line fans. Datasheets and the heat calculator at opranic.com.

Model comparison: S50R and S70R

All three versions use an IR-X Carbon Black™ element in a full-height vertical tube. Housing, height, finish and rated element life distinguish the models. The placement, electrical and heat data below apply to all three versions.

S50R



S50R



S70R



	Opranic S50R 1800	Opranic S50R 2300	Opranic S70R
Output	1800 W, 5 levels (720–1800 W)	2300 W, 5 levels (920–2300 W)	2300 W, 5 levels (920–2300 W)
Control	Remote, on-unit switch	Remote, on-unit switch	Remote, on-unit switch
Element life	up to 8,000 h	up to 8,000 h	up to approx. 12,000 h
Housing	All-black steel and aluminium	All-black steel and aluminium	Unibody aluminium, full-height tube
Colours	Jet Black	Jet Black	Jet Black, Cloud White
Ingress protection	IP65	IP65	IP65
Coverage, outdoors*	9 m²	11 m²	11 m²
Height	83.5 cm	92 cm	106 cm
Base or body	22 × 30 cm base	22 × 30 cm base	19.5 × 8.5 cm body, base size to be confirmed
Weight	4.5 kg	4.7 kg	8.2 kg
Warranty	2 years	2 years	5 years, heating tube 2 years
See	page 17	page 17	page 16

All models: outdoor use only, 230 V, 1.9 m cable with plug, electronic tip-over protection, sleep timer 1–9 h, IR-X Carbon Black element with 2.2 µm peak. Power levels, 2300 W models: 920 / 1265 / 1610 / 1955 / 2300 W; 1800 W model: 720 / 990 / 1260 / 1530 / 1800 W. * Rule of thumb: 200 W per m² outdoors (maximum). Sheltered terrace, little wind. Use the heat calculator at opranic.com for your own layout.

PLACEMENT



Stand the tower 1.5 to 4 m from the seated area, front facing the guests. Keep 100 cm clear in front and to the sides, 50 cm behind and 50 cm to any ceiling or parasol. Two towers facing each other give the most even warmth.

ELECTRICAL

230 V, 1.9 m cable with plug. A 2300 W tower draws 10 A; the 1800 W S50R draws 8 A.

One tower per circuit. Two 2300 W towers need two circuits (2 × 10 A or 2 × 16 A), never one 16 A breaker.

Outdoor use on a residual current device. Let the tower cool 10 to 15 minutes before carrying it.

SURFACE TEMPERATURE BY DISTANCE

Distance	1 m	2 m	3 m	4 m	5 m
Surface	95 °C	45 °C	32.5 °C	28.5 °C	25 °C
Above ambient	+76 °C	+26 °C	+13.5 °C	+9.5 °C	+6 °C

Measured by Opranic with a 2300 W IR-X Carbon Black element at full output, 19 °C air, no wind, matt black timber surface. Same element as the towers.

S70-LINE · FREQUENT AND EXTENDED USE · FLOOR-STANDING

Designed for long evenings. A full-height IR-X Carbon Black™ tube directs warmth across a broad arc, while the unibody aluminium housing gives S70R its clean profile and reassuring stability. Five power levels, remote control and a sleep timer provide precise comfort for frequent and extended use.



S70R

- 01 Full-height IR-X Carbon Black tube, heat in 3 to 5 seconds
- 02 Element life up to approx. 12,000 hours
- 03 Remote control, sleep timer 1 to 9 hours
- 04 IP65 and tip-over protection, stable at 8.2 kg
- 05 Protective cover available as an accessory

JET BLACK AND CLOUD WHITE

FREQUENT AND EXTENDED USE

S70R is designed for terraces used often and for long evenings. Its full-height tube spreads radiant heat across a wide arc, while the unibody aluminium housing carries the weight low for stability. It is suited to restaurant terraces, hotels and frequently used residential terraces.

Five power levels and the sleep timer allow the heat to be set for the evening. An available cover protects the cooled, unplugged tower from dust and pollen between seasons.

TYPICAL APPLICATIONS

- Restaurant and café terraces
- Hotel terraces and courtyards
- Frequently used residential terraces
- Covered patios and outdoor dining areas

IN THE BOX

- Tower, base and fixing screws
- Remote control
- Manual, EN/SV/DE/FR/ES

TECHNICAL DATA

Output	2300 W, 5 levels (920–2300 W)
Control	Remote, on-unit switch
Sleep timer	1–9 h
Element	IR-X Carbon Black, 2.2 µm peak, full-height tube
Intended use	Outdoor use only
Ingress protection	IP65
Safety	Electronic tip-over protection
Cable	1.9 m with plug, 230 V, 10 A
Housing	Unibody aluminium, steel base
Element life	up to approx. 12,000 h
Size, weight	106 × 19.5 × 8.5 cm, 8.2 kg
Coverage, outdoors	11 m²
Warranty	5 years, heating tube 2 years

ORDERING

Model	Colour	Plug	Art. no.	EAN
S70R	Jet Black	EU	S70-23XRB	7350009972741
S70R	Cloud White	EU	S70-23XRW	7350009972758
S70R	Jet Black	UK	S70-23XRB-GB	7350009972765
S70R	Cloud White	UK	S70-23XRW-GB	7350009974196

Article numbers and EAN from the Opranic product register. Shared placement, electrical and heat data on page 15. Cover and spare remote on page 18. Datasheet at opranic.com/s70r.

S50-LINE · FLOOR-STANDING · NEW FOR 2027

Seasonal warmth, free-standing. S50R brings IR-X Carbon Black™ heat to seasonal outdoor spaces in a compact, all-black form. Choose 1800 W at 83.5 cm or 2300 W at 92 cm. Both versions plug in, stand independently and deliver full heat within seconds.



S50R

- 01 IR-X Carbon Black element, 2.2 µm peak
- 02 Free-standing, no installation
- 03 Remote, on-unit switch, sleep timer 1 to 9 hours
- 04 Electronic tip-over protection
- 05 From 4.5 kg, easy to move

JET BLACK · 1800 W (83.5 CM) AND 2300 W (92 CM)

SEASONAL OUTDOOR USE

S50R delivers the same IR-X Carbon Black heat as the rest of the range from a self-standing unit connected to a standard outlet. It is designed for spaces heated only while they are in use.

Choose 1800 W for a balcony or sheltered corner, and 2300 W for a larger terrace or a site with more wind. Both versions share the same remote control, housing and accessories.

TYPICAL APPLICATIONS

- Balconies and small terraces
- Summer houses and holiday homes
- Sheltered corners of larger terraces

IN THE BOX

- Tower, base and fixing screws
- Remote control
- Manual, EN/SV/DE/FR/ES

TECHNICAL DATA

Output	1800 W (S50-18) or 2300 W (S50-23)
Power levels	5 (720–1800 W or 920–2300 W)
Control	Remote, on-unit switch
Timer	Sleep timer 1–9 h
Element	IR-X Carbon Black, 2.2 µm peak
Intended use	Outdoor use only
Ingress protection	IP65
Safety	Electronic tip-over protection
Cable	1.9 m with plug, 230 V, 8 A or 10 A
Housing	All-black steel and aluminium
Element life	up to 8,000 h
Height, weight	83.5 cm or 92 cm, 4.5 or 4.7 kg
Coverage, outdoors	9 m² or 11 m²
Warranty	2 years

ORDERING

Model	Colour	Plug	Art. no.	EAN
S50R 1800	Jet Black	EU	S50-18XRB	7350009974264
S50R 2300	Jet Black	EU	S50-23XRB	7350009974271
S50R 1800	Jet Black	UK	S50-18XRB-GB	7350009974172
S50R 2300	Jet Black	UK	S50-23XRB-GB	7350009974189

Article numbers and EAN from the Opranic product register. Shared placement, electrical and heat data on page 15. Datasheet at opranic.com/s50r.

Sizing and placement

As a rule of thumb, allow up to 200 W per square metre outdoors. A 2300 W tower warms approximately 11 m² of sheltered terrace; an 1800 W S50R, approximately 9 m².

SIZING BY AREA

Area	Sheltered terrace	Open terrace, wind
Up to 6 m ²	1 × S50R 1800	1 × S50R 2300
6–11 m ²	1 × S50R 2300	2 × S50R 1800
11–20 m ²	2 × S70R	3 × S70R
20–30 m ²	3 × S70R	Ask us

Guide values for a seated area, about 10 °C outdoors. Wind and open sides raise the need; a roof and side walls lower it. The heat calculator at opranic.com takes your own measurements.

FLEXIBLE BY DESIGN

A tower suits places where permanent mounting is neither possible nor preferred: rented premises, listed buildings and balconies without a suitable wall. Unplug it, allow it to cool for 10 to 15 minutes, then carry it by the housing. The cover keeps dust and pollen off the grille of a tower that is switched off, unplugged and cold.

PLACEMENT

Stand the tower on a level, firm surface, 1.5 to 4 m from the seated area, front facing the guests.

Keep 100 cm clear in front and to the sides, 50 cm behind and 50 cm above to parasols, awnings and ceilings.

Route the cable where nobody walks; the tip-over protection stops heating if the tower is pushed over.

Two towers facing each other across a table give the most even warmth.

ACCESSORIES

Item	Fits	Art. no.	EAN
Protective cover, black	S70R, S50R	THORCOVER-B	7350009970549
Protective cover, white	S70R, S50R	THORCOVER-W	7350009970907
Spare remote control	S70R, S50R	OS-REMOTE70	7350009973519

WARRANTY

Five years on S70R and two years on S50R, covering the tower and its electronics under normal use; the heating tube is covered for two years on every model. Keep the invoice; claims go through the reseller or info@opranic.com.

SERVICE AND SPARE PARTS

Spare remote and covers are stocked in Sweden, Germany and the UK. Element replacement is a workshop job.

COMPLIANCE

CE marked, EMC tested. IP65 to IEC 60529 for outdoor use. Electronic tip-over protection. No open flame, no gas.

OPRANIC

Infrared heating since 2009
Stockholm, Sweden

ORDER AND ADVICE

info@opranic.com
+46 8 559 203 60

ONLINE

opranic.com
Datasheets and the heat calculator



AIR · A70-LINE · NEW FOR 2027

A70R

Air, refined.



Nothing unnecessary. Everything considered. A focused airstream and brushless DC motor provide quiet, controlled performance from approximately 29 dB(A). The clean pedestal form belongs in the room without demanding attention.

A 12 V DC input extends operation beyond the mains when used with a compatible power source.

AIR FLOW

≈ 19 m³/min

Preliminary, according to IEC 60879:2019.

SOUND LEVEL

≈ 29 dB(A)

From speed 1. Preliminary, according to IEC 60704-2-7.

POWER DRAW, UP TO

24^W

At speed 12, all functions active. Runs from a 12 V power bank.

IN THIS SECTION



One model in three colours, one page of data and one page on placing a fan.

AIR MOVEMENT

The circular head shapes a smooth, focused airstream that reaches further into the room. Three-dimensional oscillation distributes air throughout the space. Sound levels start at approximately 29 dB(A).

ALSO IN THE RANGE

Infrared heaters for outdoors, indoors and industry. Datasheets at opranic.com.

Just Air. Silent.

BRUSHLESS DC MOTOR · FOCUSED AIRFLOW · 3D OSCILLATION

A70-LINE · AIR · PEDESTAL FAN

Designed to move air without demanding attention. A70R pairs a focused airstream with a brushless DC motor, delivering approximately 19 m³/min across 12 speeds, with sound levels from approximately 29 dB(A). Three-dimensional oscillation moves air throughout the room. Its 12 V DC input allows operation beyond the mains when used with a compatible power source.

JAS™

Just Air. Silent.



DARK GREY, WHITE AND BLACK · 115 CM PEDESTAL · 70 CM DESK HEIGHT

A70R

3D

- 01 Focused airflow with sound levels from approximately 29 dB(A)
- 02 Brushless 12 V DC motor, drawing up to 24 W
- 03 Three-dimensional oscillation with three modes, 135° horizontal movement and 360° adjustment
- 04 Twelve speeds from 600 to 1,690 rpm, two natural-breeze modes and timer
- 05 Integrated ioniser, switchable, active only while the fan runs
- 06 Compatible with selected 12 V power banks

COMFORT, CONSIDERED

A70R is designed for spaces where comfort should arrive quietly: bedrooms, living rooms, home offices and covered terraces. Its brushless DC motor supports quiet operation at low speeds, while three-dimensional oscillation carries air throughout the room.

At 115 cm, A70R takes on its full pedestal form. Shortened to 70 cm, it sits naturally beside a desk or on a sideboard. Every function is available from the remote control.

TYPICAL APPLICATIONS

- Bedrooms and living spaces
- Home offices
- Covered terraces and balconies
- Retail spaces and waiting areas

IN THE BOX

- Fan head, pedestal pole and base
- Mains adaptor
- Remote control
- User manual: EN/SV/DE/FR/ES

TECHNICAL DATA

Motor	Brushless DC, 12 V
Supply	Mains adaptor included; 12 V DC input
Air flow	Approx. 19 m³/min, preliminary
Power draw	Up to 24 W
Sound level	From approx. 29 dB(A), preliminary
Power bank	12 V, minimum 1.5 A
Runtime, power bank	Approx. 3.5 h at speed 12; 9 h at speed 7 (20,000 mAh)
Speed settings	12 (600 to 1690 rpm)
Oscillation	3D: body 135°, head 360°, three modes
Timer	1–8 h
Functions	Nature and sleep modes, ioniser function, remote
Height, weight	115 cm (70 cm as desk fan), 6.5 kg
Blade	25 cm (10 in), 3 blades
Colours	Dark Grey, White, Black
Warranty	5 years, including the mains adaptor

ORDERING

Model	Colour	Plug	Art. no.	EAN
A70R	Dark Grey	EU	A70-25RG	7350009974226
A70R	White	EU	A70-25RW	7350009974233
A70R	Black	EU	A70-25RB	7350009974332
A70R	Dark Grey	UK	A70-25RG-GB	7350009974202
A70R	White	UK	A70-25RW-GB	7350009974219
A70R	Black	UK	A70-25RB-GB	7350009974349

Airflow and sound data are preliminary and subject to final verification under IEC 60879:2019 and IEC 60704-2-7. A70R has passed the 10° tilt stability test under EN 60335-1. The fan operates on 12 V DC through the supplied mains adaptor. Power-bank runtime depends on the selected settings and available output.

Placement and use



A fan creates comfort by moving air across the skin. Position A70R so that the airstream passes gently through the room, then choose the lowest setting that feels right. In a bedroom, quiet low-speed operation can maintain comfort through the night while using only a few watts.

SETTINGS BY ROOM

Room	Placement	Setting
Bedroom	At the foot of the bed, directed above the mattress	Levels 1–3, Sleep mode, timer
Living room	In a corner, three-dimensional oscillation on	Levels 4–8
Home office	Beside the desk, oscillation off	Levels 2–5
Covered terrace	On the upwind side, directed along the table	Levels 6–12

Use these settings as a starting point. The focused airstream carries further into the room, so begin one level lower than expected and adjust for comfort.

PLACEMENT

Let the airflow pass through the room rather than point directly at its occupants.

At night, place A70R near an open window and direct it inwards to bring cooler air into the room.

Place the base on a firm, level surface. Keep the grille clear of curtains and soft furnishings.

Shorten the pedestal to 70 cm for positioning beside a desk or on a sideboard.

Use the timer for automatic shut-off.

WHY DC

A brushless DC motor allows precise control across 12 speeds. Maximum power draw is 24 W, with considerably less required at quiet night settings.

A70R operates on 12 V DC through the supplied mains adaptor or a compatible power bank, extending placement beyond the nearest socket.

CARE

Wipe the grille and blades with a damp cloth at the beginning of each season. The front grille opens easily with a Phillips screwdriver. Store A70R clean and dry over winter, preferably in its original box or beneath a suitable cover.



POWER BANK OPERATION

Connect a compatible 12 V power bank capable of supplying at least 1.5 A. Power banks limited to 5 V are not compatible.

A 12 V, 1.5 A source provides up to 18 W, enough to operate the fan at speed 12. When the ioniser is also active, A70R limits its demand to the available power, with only a minimal change in airflow.

A compatible 20,000 mAh power bank provides approximately 3.5 hours at speed 12 with oscillation and the ioniser switched off, or approximately 9 hours at speed 7. Actual runtime depends on the selected settings and the power bank's output.

WARRANTY

Five-year warranty covering the motor, electronics, remote control and mains adaptor under normal use. Retain your proof of purchase. Claims can be handled by your reseller or through info@opranic.com.

SERVICE AND SPARE PARTS

Replacement remote controls are stocked in Sweden, Germany and the United Kingdom.

COMPLIANCE

CE marked and EMC tested. Suitable for indoor and covered outdoor use. Not suitable for wet locations.

OPRANIC
Stockholm, Sweden

ORDER AND ADVICE
info@opranic.com
+46 8 559 203 60

ONLINE
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Product information and support



INDOOR PANEL HEATERS · P5-LINE

Indoor panel heaters

P5-Line

Radiant warmth in a slim, architectural form. P5 warms people and surfaces directly, allowing the room to retain the warmth. Its steel front is designed for wall or ceiling mounting in bedrooms, offices, hallways, bathrooms and holiday homes. Four sizes range from 300 to 900 W.

SURFACE TEMPERATURE

95–115 °C

Higher operating surface temperature supports strong radiant output from a compact panel.

DEPTH

2.5 cm

Steel panel with 2 cm rear insulation and an aluminium reflector.

WARRANTY

5 yrs

On the panel and the element. TÜV Süd, CE, EMC, REACH and RoHS.

IN THIS SECTION



One model in four sizes, one page of data and one page on sizing a room.

TECHNOLOGY

Aluminium heating resistors spread to the edges of the panel, so the whole front heats evenly with no hot spots. About 99 per cent of the electrical energy becomes heat. Silent, no fan, no dust in circulation.

ALSO IN THE RANGE

Infrared heaters for outdoors and industry, and the A7OR fan. Datasheets at opranic.com.

P5-LINE · INDOOR · WALL PANEL

Quiet warmth, shaped for the room. A slim steel-front panel in matt white, designed for wall or ceiling mounting in four sizes. The 95 to 115 °C surface supports radiant heat for rooms used every day, silently and without moving air.



- 01 Aluminium heating resistors to the edges, even surface, no hot spots
- 02 2 cm rear insulation with aluminium reflector, heat goes forward
- 03 Matt white textured steel front with a clean architectural finish
- 04 Safety bracket with lock, wall or ceiling, horizontal or vertical
- 05 IP44, overheat and overvoltage protection

900 W · MATT WHITE

RADIANT HEAT INDOORS

P5 warms walls, floors and people directly, allowing the room to hold the warmth. With no fan, the air remains still and dust is not circulated. Approximately 99 per cent of the electrical energy becomes heat. The heating resistors extend to the edges, creating an even working surface without hot spots.

P5 has no integrated thermostat. Use a plug-in thermostat or smart plug to maintain a set room temperature, or a timer in rooms used at regular hours.

TYPICAL APPLICATIONS

- Bedrooms and living spaces
- Home offices and studies
- Hallways and bathrooms
- Holiday homes on standby heat

IN THE BOX

- Panel with wall bracket
- Mounting hardware
- Manual, EN/SE/DE/NL/FR/ES

SIZES

Model	Output	Size W × H × D	Weight	Room*
P5 300	300 W	60 × 40 × 2.5 cm	5.5 kg	3–4 m²
P5 450	450 W	60 × 60 × 2.5 cm	6.9 kg	4–6 m²
P5 700	700 W	90 × 60 × 2.5 cm	8.4 kg	7–9 m²
P5 900	900 W	120 × 60 × 2.5 cm	12.2 kg	9–12 m²

* Insulated room, 2.4 m ceiling, 100 W per m². All sizes: 230 V, plug-in, IP44, overheat and overvoltage protection, surface 95 to 115 °C, TÜV Süd, CE, EMC, REACH, RoHS. Warranty 5 years.

ORDERING

Model	Plug	Art. no.	EAN
P5 300	EU	P5H300	7350009971720
P5 450	EU	P5H450	7350009971737
P5 700	EU	P5H700	7350009971751
P5 900	EU	P5H900	7350009971768

Feet kits on page 24 and in the accessories section. Datasheet at opranic.com/p5.

Sizing and placement

Allow 100 W per square metre in an insulated room with a 2.4 m ceiling. Older houses, glazed walls and higher ceilings may require more. Where the required output allows it, one larger panel is usually preferable to two smaller panels.

SIZING BY ROOM

Room	Well insulated	Older house	Standby heat
Up to 4 m ²	P5 300	P5 450	P5 300
4–6 m ²	P5 450	P5 700	P5 300
6–9 m ²	P5 700	P5 900	P5 450
9–12 m ²	P5 900	2 × P5 700	P5 700
12–15 m ²	2 × P5 700	2 × P5 900	P5 900
15–20 m ²	2 × P5 900	Ask us	2 × P5 700

Guide values for a room heated to 20 °C. Standby heat keeps a holiday home at 8 to 10 °C. The heat calculator at opranic.com takes your own measurements.

MOUNTING

Mount P5 horizontally or vertically on a wall or ceiling using the supplied bracket, at least 15 cm above the floor and clear of curtains. The bracket locks the panel in place. Positioned beneath a window, the panel counters the cold draught from the glass. In a bathroom, install it outside the splash zone; P5 is rated IP44.

CONTROL

A plug-in thermostat or smart plug maintains the selected room temperature. Position the control away from the panel so that it reads the room rather than the radiant heat.

A smart plug also integrates P5 into a compatible smart-home setup.

For a rented room, an optional feet kit allows free-standing placement.

ACCESSORIES

Item	Fits	Art. no.	EAN
Feet kit, white	P5 300, P5 450	PF001	7350009971904
Feet kit, white	P5 700, P5 900	PF002	7350009971911

WARRANTY

Five years on the panel and the element under normal use. Keep the invoice; claims go through the reseller or info@opranic.com.

SERVICE AND SPARE PARTS

Brackets and feet are stocked in Sweden and Germany. The panel has no moving parts and needs no service.

COMPLIANCE

TÜV Süd certified. CE, EMC, REACH and RoHS. IP44. Overheat and overvoltage protection; a thermal switch holds the surface below its maximum.

OPRANIC

Infrared heating since 2009
Stockholm, Sweden

ORDER AND ADVICE

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ONLINE

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Datasheets and the heat calculator



INDUSTRIAL · I90-LINE

Industrial heating

I90-Line

High-output radiant heat, directed to where work happens. Pro I90 is designed for industrial halls, workshops, warehouses, hangars, sports halls and churches. Mounted horizontally on a wall or beneath a roof at 3 to 10 m, it warms people and the floor below without first heating the entire air volume. Its IP34 rating also supports suitable covered and semi-exposed locations, including loading bays. Three heating tubes are standard; one- and two-tube configurations are available on request for specific projects.

OUTPUT

9 kW

Up to 9000 W from one unit. 5400 W and 6900 W versions.

MOUNTING HEIGHT

3–10 m

Wall or ceiling, horizontal, aimed at the work zone.

RADIANT HEAT

90 %+

Of the electrical energy becomes radiant heat.

IN THIS SECTION

PRO I90

One model in three outputs, one page of data and one page on planning an installation.

TECHNOLOGY

Medium-wave tubes in an aluminium reflector housing, IP34. Custom builds with one or two tubes on request.

ALSO IN THE RANGE

Wall, ceiling and floor-standing heaters for terraces and hospitality. Project support at info@opranic.com.

I90-LINE · INDUSTRIAL · WALL AND CEILING

Radiant power, precisely placed. Pro I90 delivers up to 9000 W from three medium-wave tubes in one aluminium housing. It mounts horizontally on a wall or beneath a roof at 3 to 10 m, with 230 V or 400 V fixed connection, for indoor and suitable covered or semi-exposed locations.

PRO i90



- 01 Three medium-wave tubes, 1800 to 3000 W each
- 02 Over 90 per cent of the energy becomes radiant heat
- 03 Aluminium reflector housing, IP34, for covered and semi-exposed sites
- 04 Wall or ceiling at 3 to 10 m, horizontal, adjustable tilt
- 05 Custom builds with one or two tubes on request

THREE TUBES · WALL AND CEILING BRACKET

HEAT WHERE PEOPLE WORK

In high-ceilinged spaces, heated air rises above the occupied zone. Pro I90 directs radiant heat towards people and surfaces in the working area, providing targeted warmth without first heating the full air volume of the hall. Each zone can be controlled independently and switched off when not in use.

Units are planned by zone, with spacing and mounting height selected for each output. The IP34-rated housing also allows use in suitable covered locations such as loading bays and grandstands.

TYPICAL APPLICATIONS

- Industrial halls and workshops
- Warehouses and loading bays
- Sports halls and riding halls
- Churches and assembly halls

IN THE BOX

- Heater with wall and ceiling bracket
- Mounting hardware
- Manual, EN/SE/DE/NL/FR/ES

TECHNICAL DATA

Output, tubes	5400, 6900 or 9000 W; 3 × 1800, 2300 or 3000 W
Supply	230 V or 400 V, fixed connection
Current at 230 / 400 V	24.5 / 8.1 A, 31.3 / 10.4 A, 40.9 / 13.6 A
Mounting	Wall or ceiling at 3 to 10 m, horizontal only, IP34
Min. distance, floor / ceiling / wall	300 / 50 / 70 cm
Housing	Aluminium
Tube life	approx. 9,000 h
Size, weight	79 × 13 × 48 cm, 13.2 kg (9000 W: 99 × 13 × 48 cm, 15.4 kg)
Warranty	3 years

ORDERING

Model	Colour	Plug	Art. no.	EAN
Pro I90 5400	Aluminium	Fixed	VEGA54	7350009971300
Pro I90 6900	Aluminium	Fixed	VEGA69	7350009971324
Pro I90 9000	Aluminium	Fixed	VEGA90	7350009971348

Planning data on page 27. Datasheet and project support at opranic.com/pro-i90.

Units, height and spacing

Begin with 100 W per square metre of floor area and a mounting height of 4 to 6 m. The table provides spacing for a single row of units. For larger halls, Opranic can prepare a layout proposal.

PLANNING EXAMPLES, ONE OR TWO UNITS

Model	Output	Heated area	Height A	Length B	Reach C
Pro I90 5400	5400 W	54 m ²	4 m	9 m	6 m
Pro I90 5400 × 2	10 800 W	108 m ²	6 m	15.6 m	6.9 m
Pro I90 6900	6900 W	54 m ² at 128 W/m ²	4 m	9 m	6 m
Pro I90 6900 × 2	13 800 W	138 m ²	6 m	19 m	6.9 m
Pro I90 9000	9000 W	56–78 m ²	5–6 m	9–11 m	6.2–7.1 m
Pro I90 9000 × 2	18 000 W	180 m ²	8 m	22.8 m	7.9 m

A is the mounting height above the floor, B the length of floor covered by the row, C the depth of the zone in front of the units. Values from the Opranic planning tables; the heat calculator at opranic.com uses your hall dimensions.

SPOT HEATING

Where only one working zone requires heat, aim a single unit from a wall bracket at 3 to 4 m, angled 30 to 45 degrees downwards. A covered loading bay is a typical application: Pro I90 5400 can provide targeted radiant heat around the working area near the door. Its IP34 housing is suitable for covered and semi-exposed locations.

INSTALLATION

Fixed connection by a qualified electrician, 230 V single phase or 400 V three phase. Check the current per unit on page 26.

Horizontal mounting only. Minimum 300 cm to the floor, 50 cm to the ceiling, 70 cm to walls and 300 cm to combustible material.

Control per zone with a contactor and a thermostat or presence sensor, so units run only when the zone is in use.

IP34: protected against spray, not for wash-down areas.

CUSTOM BUILDS

The standard unit has three tubes. For narrow zones or lower ceilings, the same housing can be configured with one or two tubes. Send the hall dimensions, ceiling height and intended use to info@opranic.com for a layout proposal.

WARRANTY

Three years on the heater and the tubes under normal use. Keep the invoice; claims go through the reseller or info@opranic.com.

SERVICE AND SPARE PARTS

Tubes are replaceable on site by an electrician. Brackets and tubes are stocked in Sweden.

COMPLIANCE

CE marked, EMC tested. IP34. Fixed installation to local electrical regulations.

OPRANIC

Infrared heating since 2009
Stockholm, Sweden

ORDER AND ADVICE

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ONLINE

opranic.com
Datasheets and the heat calculator

Covers, remotes and accessories

Protective covers, replacement remotes, panel feet and selected spare parts for the Opranic range.



PROTECTIVE COVERS

Water-repellent covers for wall heaters and towers, designed to keep dust and pollen away from the grille between evenings and over winter. Fit a cover only when the heater is switched off, unplugged and cold.



REMOTE CONTROLS

Replacement remotes for every R model, matched to the functions of each product.



PANEL ACCESSORIES

Feet kits for the P5-Line.

Item	Fits	Art. no.	EAN	Note
Weather cover, black	V50R, Pro V70, Pro V70R	WALLCOVER-B	7350009970563	90 × 10 × 20 cm
Protective cover, black	S70R, S50R	THORCOVER-B	7350009970549	Full height
Protective cover, white	S70R, S50R	THORCOVER-W	7350009970907	Full height
Spare remote control	V50R, Pro V70R, S70R, S50R	OS-REMOTE70	7350009973519	
Spare remote control, older models	S70-Line, V50-Line and V70-Line	OS-REMOTE40	–	No EAN
Spare remote control	A70R	OS-A70REM	7350009974325	
Feet kit, white	P5 300, P5 450	PF001	7350009971904	
Feet kit, white	P5 700, P5 900	PF002	7350009971911	
Spare filament	2300 W models	OS-CARB23	7350009973595	Fitted by a workshop
Spare filament	1800 W models	OS-CARB18	7350009974318	Fitted by a workshop

Feet kits, covers and the A70R spare remote are in the separate price list; other accessories are priced on request.

ORDERING

Resellers order accessories with the heaters on the same order. Private customers find them at opranic.com under each product.

SPARE PARTS

Brackets, grilles and elements are available through the reseller. Element replacement on the wall and tower models is a workshop job.

DOWNLOADS

Datasheets, manuals and the heat calculator at opranic.com. Product images for resellers on request.



Explore the complete range,
datasheets and heat calculator at
opranic.com

Work with Opranic: resellers, installers and commercial partners can request reseller pricing, product images, datasheets and project support at info@opranic.com.

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THIS CATALOGUE

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TRUSTED ONLINE PURCHASING

Opranic's German online shop is certified by Trusted Shops. Buyer Protection is also available for business customers ordering through the webshop.