ARC THERMAL SOLUTIONS

ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

NEW PRODUCTS FOLDER

24/25

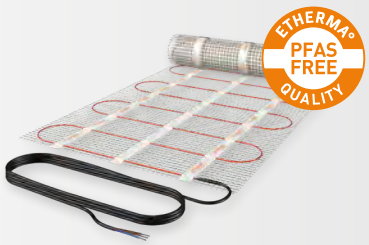
COMPETENCE AND INNOVATION FOR MORE THAN 40 YEARS.

We are pleased to introduce you to our ETHERMA innovations for 2024. ETHERMA stands for expertise and innovation – and has done so for more than 40 years. This year too, we once again have a number of new products to offer. They include the latest development of the LAVA® BASIC 3.0, which now has a new coating and whose sealed edges give it an even more elegant design. Installation is even simpler and it can now be integrated into walls, ceilings and even modular ceilings. Meanwhile, the LAVA® DESK ZONE makes workplace heating not only more efficient, but also significantly more elegant. The LAVA® LUX is the perfect combination of lighting and heating, while the LAVA® MAXIMUS finally allows you to even heat high-ceilinged, large-volume rooms quickly and efficiently. The ETHERMA DUO PLUS S combines convection, radiant heat and heat storage in a single unit, while the ETHERMA ZESTO wall heating set guarantees warm hand towels.

Our ETHERMA FIRE+ICE, the innovative monobloc heat pump with air conditioning function, is now available in a new version, and of course the coolant used is PFAS-free. We are happy to announce that we have already begun to produce our PFAS-free mats this year. PFAS chemicals, i.e. poly- and perfluorinated alkyl compounds, are known for their water-, grease- and dirt-repellent characteristics and are extremely stable (which is why they are also known as "forever chemicals"), which is both a blessing and a curse. Because of these characteristics, they are used in a wide variety of products. We aim to ban PFAS chemicals from our products, such as heat supply lines, without reducing their durability. For your protection and that of our environment. "Because ETHERMA means more than 40 years of sustainability and innovation – always striving to make the vision of CO_2-free heating a reality and to leave a clean, livable environment for future generations. Customer satisfaction is our focus."

Thomas Reiter, CEO ETHERMA Holding

ETHERMA NEW FEATURES 2024



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ETHERMA eFLOOR PRO

Dipole heating mat
under tiles and stone

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ETHERMA eFLOOR PRO Sets

Complete heating mat sets
under tiles and stone

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LAVA® BASIC 3.0

Infrared heating
for wall & ceiling

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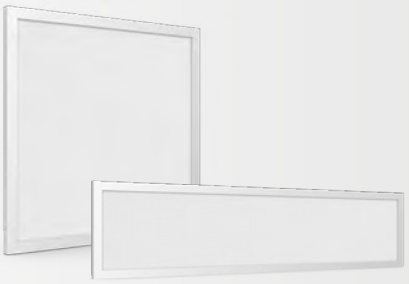
LAVA® MAXIMUS

High temperature
infrared heating for ceilings



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LAVA® LUX

Infrared heating with integrated
LED light for ceilings

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LAVA® DESK ZONE

For individual heat zones
at your desk/workplace

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ETHERMA FIRE+ICE

The innovative monobloc
heat pump with
air conditioning function

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ETHERMA DUO PLUS S

The convector
storage heating with
radiant heat

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ETHERMA ZESTO

Hand towel warmer
incl. designer thermostat
& KEUCO hand towel rail

PFAS-FREE PRODUCTS FROM ETHERMA

For ourselves and generations to come

In a world where we need to protect our health and the environment, ETHERMA is once again setting new standards. We are proud to present our range of PFAS-free products. But what does that mean exactly, and why is it so important?

What are PFAS?

PFAS (poly- and perfluorinated alkyl compounds) comprise a group of chemicals that have been used in a wide variety of consumer goods and products for decades. They are known for their water-, grease- and dirt-repellent characteristics and are therefore often to be found in household products, clothing, cooking utensils and packaging. However, studies have shown that PFAS are difficult to break down and make their way into the environment as well as the human body. Long-term exposure to these chemicals can pose a health risk.

Why PFAS-free?

PFAS-free products are free from these harmful chemicals and represent a safer, healthier future. By waving farewell to PFAS, we are actively contributing to protecting the environment and preserving the health of our customers. Because our responsibility goes beyond sales – ETHERMA represents a CO_2-free future and a better world for our children.

The advantages of our PFAS-free products:

SAFETY FOR YOUR HEALTH
Our PFAS-free products minimise the risk of harmful effects on your health.

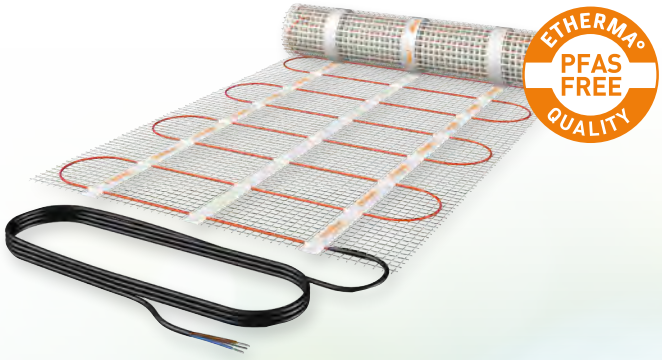
INNOVATIVE QUALITY
Although we no longer use PFAS, you don't need to compromise on quality. Our products offer the same reliability and durability that you are used to with ETHERMA.

ENVIRONMENTALLY FRIENDLY
By steering away from PFAS, we are reducing the burden on the environment and contributing to a cleaner, healthier planet.

PIONEERING ROLE
With our PFAS-free products, we are sending a powerful signal, showing that progress and sustainability go hand-in-hand.

New PFAS-free heating mats from September

From September onwards, we will offer our ETHERMA eFLOOR PRO with PFAS-free heating lines. These heating mats represent the perfect combination of comfort, efficiency and rapid warmth. Just as they used to, these PFAS-free heating lines guarantee an optimal durability and reliability, without the risks of conventional materials.

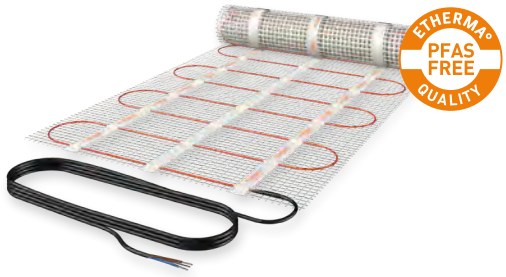


But why now?

Now is the best time to bring about change. At ETHERMA, we have always pursued the goal of offering a CO_2-free heating solution and creating a better world for future generations. The introduction of PFAS-free products is therefore a logical step in this direction. We are actively committed to finding ways to improve our products and processes on an ongoing basis and make the world a little bit safer and more sustainable.

ETHERMA eFLOOR PRO

Dipole netted heating mat under tiles or stone



Self-adhesive eFLOOR PRO netted heating mats have been specially developed for use under tiles and stone floors and are used to control the temperatures of floors, to heat rooms or to insulate walls against the cold.

With its low overall height of only 3.0 mm, the heating mat, which is factory-assembled and ready to install, has a low installation height and is therefore suitable for retrofitting. Thanks to its dipole design with only one connection cable and special processing, it is simple to lay the mat in the tile adhesive bed; high heating mat stability is guaranteed.

ETHERMA eFLOOR PRO is available as standard in five outputs from 60 W/m² to 200 W/m². Upon request, eFLOOR PRO heating mats are also manufactured to custom-made sizes, voltages, outputs and shapes.

PFAS-free
PFAS chemicals are water-, grease- and dirt-repellent and chemically and thermally very stable. This is why they are also called "forever chemicals". Because of their characteristics, they are used in a large number of products. We are very happy to already be able to produce many of our products, such as heating lines, PFAS-free - without affecting their durability. For your protection and that of our environment.

On demand we produce netted heating mats in your size, voltage, power output and type as required.

ATTENTION: Do NOT shorten the heating mat!

CE

TECHNICAL DETAILS

> Voltage:	230 V
> Output:	60, 80, 100, 150, 200 W/m²
> Temperature-resistant:	up to 90 °C
> Thickness of heating cable:	approx. 3.0 mm
> Production width:	50 cm
> Grid type:	10 x 12 mm, self-adhesive
> IP rating:	IP X7
> Safety function:	Earth-leakage circuit breaker, 30 mA
> Connection:	4 m; 2 x 1.0 mm² + aluminium protective sheath

BENEFITS OF THIS PRODUCT

+ PFAS-free
+ Only 3.0 mm thin
+ Also suitable for wall heating
+ Self-adhesive netted heating mat
+ Only one connection
+ Very low magnetic field < 25 nT
+ Flat, torsion-free laying
+ Custom-made outputs and sizes
+ Custom-made connection cable available

SELECTION GUIDE

eFLOOR PRO 60 W/m²
Floor temperature control or central heating system in ultra-low energy and passive energy houses.

eFLOOR PRO 100 W/m²
Floor temperature control or central heating system in low energy housing.

eFLOOR PRO 150 W/m²
As full heating system in kitchens, bathrooms and vestibules with standard insulation.

eFLOOR PRO 200 W/m²
Room heating in rooms without insulation or with poor insulation; bathroom, sauna, wellness areas, winter gardens and wherever fast heating is necessary.

The values given here are reference values.

eFLOOR PRO netted heating mat, 60 W/m², mat width 50 cm, 230 V, IP X7 RG: M1

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m²
eFLOOR-PRO-60-200	46107	60	200	50	1.0
eFLOOR-PRO-60-300	46108	90	300	50	1.5
eFLOOR-PRO-60-400	46109	120	400	50	2.0
eFLOOR-PRO-60-500	46110	150	500	50	2.5
eFLOOR-PRO-60-600	46111	180	600	50	3.0
eFLOOR-PRO-60-800	46112	240	800	50	4.0
eFLOOR-PRO-60-900	46113	270	900	50	4.5
eFLOOR-PRO-60-1100	46114	330	1100	50	5.5
eFLOOR-PRO-60-1300	46115	390	1300	50	6.5
eFLOOR-PRO-60-1500	46116	450	1500	50	7.5
eFLOOR-PRO-60-1800	46117	540	1800	50	9.0
eFLOOR-PRO-60-2100	46118	630	2100	50	10.5
eFLOOR-PRO-60-2600	46119	780	2600	50	13.0
eFLOOR-PRO-60-3000	46120	900	3000	50	15.0

eFLOOR PRO netted heating mat, 80 W/m², mat width 50 cm, 230 V, IP X7

RG: M1

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m²
eFLOOR-PRO-80-200	46191	80	200	50	1.0
eFLOOR-PRO-80-300	46192	120	300	50	1.5
eFLOOR-PRO-80-400	46193	160	400	50	2.0
eFLOOR-PRO-80-500	46194	200	500	50	2.5
eFLOOR-PRO-80-600	46195	240	600	50	3.0
eFLOOR-PRO-80-800	46196	320	800	50	4.0
eFLOOR-PRO-80-900	46197	360	900	50	4.5
eFLOOR-PRO-80-1100	46198	440	1100	50	5.5
eFLOOR-PRO-80-1300	46199	520	1300	50	6.5
eFLOOR-PRO-80-1500	46200	600	1500	50	7.5
eFLOOR-PRO-80-1800	46201	720	1800	50	9.0
eFLOOR-PRO-80-2100	46202	840	2100	50	10.5
eFLOOR-PRO-80-2600	46203	1040	2600	50	13.0
eFLOOR-PRO-80-3000	46204	1200	3000	50	15.0

eFLOOR PRO netted heating mat, 100 W/m², mat width 50 cm, 230 V, IP X7

RG: M1

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m²
eFLOOR-PRO-100-200	44819	100	200	50	1.0
eFLOOR-PRO-100-300	44820	150	300	50	1.5
eFLOOR-PRO-100-400	44821	200	400	50	2.0
eFLOOR-PRO-100-500	44822	250	500	50	2.5
eFLOOR-PRO-100-600	44823	300	600	50	3.0
eFLOOR-PRO-100-700	44824	350	700	50	3.5
eFLOOR-PRO-100-800	44825	400	800	50	4.0
eFLOOR-PRO-100-1000	44826	500	1000	50	5.0
eFLOOR-PRO-100-1200	44827	600	1200	50	6.0
eFLOOR-PRO-100-1400	44828	700	1400	50	7.0
eFLOOR-PRO-100-1600	44829	800	1600	50	8.0
eFLOOR-PRO-100-1800	44830	900	1800	50	9.0
eFLOOR-PRO-100-2000	44831	1000	2000	50	10.0
eFLOOR-PRO-100-2400	44832	1200	2400	50	12.0
eFLOOR-PRO-100-3000	44833	1500	3000	50	15.0

eFLOOR PRO netted heating mat, 150 W/m², mat width 50 cm, 230 V, IP X7

RG: M1

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m²
eFLOOR-PRO-150-100	40047	75	100	50	0.5
eFLOOR-PRO-150-200	40048	150	200	50	1.0
eFLOOR-PRO-150-300	40049	225	300	50	1.5
eFLOOR-PRO-150-400	40050	300	400	50	2.0
eFLOOR-PRO-150-500	40051	375	500	50	2.5
eFLOOR-PRO-150-600	40052	450	600	50	3.0
eFLOOR-PRO-150-700	40053	525	700	50	3.5
eFLOOR-PRO-150-800	40054	600	800	50	4.0
eFLOOR-PRO-150-1000	40055	750	1000	50	5.0
eFLOOR-PRO-150-1200	40056	900	1200	50	6.0
eFLOOR-PRO-150-1400	40057	1050	1400	50	7.0
eFLOOR-PRO-150-1600	40058	1200	1600	50	8.0
eFLOOR-PRO-150-1800	40059	1350	1800	50	9.0
eFLOOR-PRO-150-2200	40060	1650	2200	50	11.0
eFLOOR-PRO-150-2700	40061	2025	2700	50	13.5

eFLOOR PRO netted heating mat, 200 W/m², mat width 50 cm, 230 V, IP X7

RG: M1

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m²
eFLOOR-PRO-200-145	34201	145	145	50	0.7
eFLOOR-PRO-200-215	34202	215	215	50	1.1
eFLOOR-PRO-200-320	34203	320	320	50	1.6
eFLOOR-PRO-200-355	34204	355	355	50	1.8
eFLOOR-PRO-200-435	34205	435	435	50	2.2
eFLOOR-PRO-200-520	34206	520	520	50	2.6
eFLOOR-PRO-200-615	34207	615	615	50	3.1
eFLOOR-PRO-200-735	34208	735	735	50	3.7
eFLOOR-PRO-200-870	34209	870	870	50	4.4
eFLOOR-PRO-200-1090	34210	1090	1090	50	5.5
eFLOOR-PRO-200-1230	34211	1230	1230	50	6.2
eFLOOR-PRO-200-1330	34891	1330	1330	50	6.7
eFLOOR-PRO-200-1585	34212	1585	1585	50	7.9
eFLOOR-PRO-200-1945	34213	1945	1945	50	9.7

eFLOOR PRO PREMIUM set – dipole netted heating mat with intelligent eTOUCH PRO built-in switch thermostat

ECODESIGN READY

eTOUCH PRO

eFLOOR PRO heating mat


Accessories

- > 1 pc. eFLOOR PRO netted heating mat, 150 W/m²
- > 1 pc. eTOUCH PRO built-in switch thermostat
- > 1 sensor protective pipe FSH-12
- > 2.5 m of installation pipe SS-12

eFLOOR PRO PREMIUM set, 150 W/m², 230 V, IP X7

RG: M2

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m²
SET-eFLOOR-PRO-P-150-200	46165	150	200	50	1.0
SET-eFLOOR-PRO-P-150-300	46166	225	300	50	1.5
SET-eFLOOR-PRO-P-150-400	46167	300	400	50	2.0
SET-eFLOOR-PRO-P-150-500	46168	375	500	50	2.5
SET-eFLOOR-PRO-P-150-600	46169	450	600	50	3.0
SET-eFLOOR-PRO-P-150-700	46170	525	700	50	3.5
SET-eFLOOR-PRO-P-150-800	46171	600	800	50	4.0
SET-eFLOOR-PRO-P-150-1000	46172	750	1000	50	5.0
SET-eFLOOR-PRO-P-150-1200	46173	900	1200	50	6.0
SET-eFLOOR-PRO-P-150-1400	46174	1050	1400	50	7.0
SET-eFLOOR-PRO-P-150-1600	46175	1200	1600	50	8.0
SET-eFLOOR-PRO-P-150-1800	46176	1350	1800	50	9.0
SET-eFLOOR-PRO-P-150-2200	46177	1650	2200	50	11.0
SET-eFLOOR-PRO-P-150-2700	46178	2025	2700	50	13.5

eFLOOR PRO STANDARD set – dipole netted heating mat with eBASIC thermostat

ECODESIGN READY


eBASIC

eFLOOR PRO heating mat


Accessories

- > 1 pc. eFLOOR PRO netted heating mat, 150 W/m²
- > 1 pc. eBASIC built-in switch thermostat
- > 1 sensor protective pipe FSH-12
- > 2.5 m of installation pipe SS-12

eFLOOR PRO STANDARD set, 150 W/m², 230 V, IP X7

RG: M2

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m²
SET-eFLOOR-PRO-S-150-200	46150	150	200	50	1.0
SET-eFLOOR-PRO-S-150-300	46151	225	300	50	1.5
SET-eFLOOR-PRO-S-150-400	46152	300	400	50	2.0
SET-eFLOOR-PRO-S-150-500	46153	375	500	50	2.5
SET-eFLOOR-PRO-S-150-600	46154	450	600	50	3.0
SET-eFLOOR-PRO-S-150-700	46155	525	700	50	3.5
SET-eFLOOR-PRO-S-150-800	46156	600	800	50	4.0
SET-eFLOOR-PRO-S-150-1000	46157	750	1000	50	5.0
SET-eFLOOR-PRO-S-150-1200	46158	900	1200	50	6.0
SET-eFLOOR-PRO-S-150-1400	46159	1050	1400	50	7.0
SET-eFLOOR-PRO-S-150-1600	46160	1200	1600	50	8.0
SET-eFLOOR-PRO-S-150-1800	46161	1350	1800	50	9.0
SET-eFLOOR-PRO-S-150-2200	46162	1650	2200	50	11.0
SET-eFLOOR-PRO-S-150-2700	46163	2025	2700	50	13.5

eFLOOR PRO netted heating mat accessories and eFLOOR PRO PREMIUM/STANDARD sets

Type	Item no.	Description	RG
KALT-eFLOOR-PRO-1	46410	PTC thermistor for eFLOOR PRO, 2 x 1.0 mm² + aluminium protective sheath, price per m	A4
FSH-12	38128	Sensor protective pipe made of copper for installation pipe SS-12	A2
FSH-20	26881	Sensor protective pipe made of copper for installation pipe DN-20	A2
SS-12	38242	Installation pipe for positioning remote sensor, diameter: 12 mm, price per m	A2
MSTD	35508	Repair set for heating conductor of eFLOOR PRO grid heating mat	A4
eTOUCH-PRO-1-W	41236	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, white	E1
eTOUCH-PRO-1-B	41432	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, black	E1
eBASIC-1	41278	Built-in switch thermostat with control dial and app function via Bluetooth, 16 A, 5-28 °C, white	E1
ET-RS-eBASIC-B	44912	Frame set for eBASIC consisting of cover and frame, black	A2
MTS	30640	Installation set, comprising FSH-12 and 2.5 m installation pipe SS-12	A2

CASE STUDY

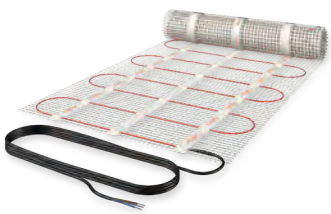
EFFICIENT HEATING FOR AN OLD BUILDING IN VIENNA

ETHERMA eFLOOR PRO underfloor heating | Austria

THE SITUATION AT THE OUTSET

Living, renovations, interior design and lifestyle – these are all themes that Marietta Kiesling deals with on a professional basis. Live and on her Instagram account, "vonmuto.living". She plans, guides and documents projects in residential and commercial properties.

From the initial idea through to implementation, and much more besides. The "Salon Mignon" project in Vienna's 18th district is also a highlight: a 70 m² old apartment. The task at hand: a general renovation. Here too, Marietta relied on well-known quality partnerships. "I have already installed electric underfloor heating from ETHERMA in bathrooms several times. For Salon Mignon, however, this involved the entire apartment, i.e.: ETHERMA is the sole source of heat.



THE ETHERMA SOLUTION

The decision was clear from the start: No gas! Instead, modern, efficient underfloor heating and a very nicely installed 120-litre water heater in the bathroom. Says Marietta Kiesling: "My experience in a wide range of living situations means that I often prefer electric heating because it warms up very quickly and can also heat only certain spaces in transitional periods, without having to switch on an entire heating system."

The experienced ETHERMA technology team was on hand to advise and recommended the thin-bed eFLOOR PRO netted heating mat, an underfloor heating system that can be used either under parquet (inserted into the flexible adhesive with a thickness of only 3.0 mm) or under tiles in wet areas. Its low installation height makes it the ideal solution for a renovation. Around 50 m² of heating mats with a total output of 8.7 kW now provide pleasant warmth. And all of this is completely maintenance-free – for a lifetime. A bus system creates a small smart home and enables targeted heating control of individual rooms – a solution that is not only efficient and cost-effective, but also, thanks to green electricity, sustainable.

LAVA® BASIC 3.0

Infrared heating for walls & ceilings

CE

TECHNICAL DETAILS

> Voltage:	230 V
> Output:	200 - 1350 W
> Surface temperature:	Ceiling installation max. 120 °C / Wall installation max. 95 °C
> Surface:	Steel sheet
> Colour:	White RAL 9016, Nano-anthracite RAL 7016
> Installation heights Ceiling installation:	min. 1.85 m up to max. 2.8 m
> Optimal installation height Ceiling installation:	2.40 m to 2.60 m
> Device/Installation depth:	18/48 mm
> IP rating:	IP X4
> IEC Protection Class:	I
> Connection:	1 m; 3 x 1.0 mm²

WITH NEW MOUNTING BRACKET

Discover LAVA® BASIC 3.0, our most advanced infrared heating panel, which combines stylish design with outstanding heating performance. With a panel thickness of only 48 mm and a specially developed coating, this panel is sure to impress with its extraordinary efficiency, and its high-quality materials promise a lengthy life span.

The innovative coating of the LAVA® BASIC 3.0 ensures an optimal radiation effect and hence even, efficient heat distribution. Thanks to this innovative technology, you not only save on heating costs, but you also protect the environment thanks to reduced energy use. The sleek metal housing fits seamlessly into any room thanks to its timeless design. The variety of installation options – on the wall, the ceiling or as part of a grid ceiling – make the panel the ideal solution for a wide range of applications.

The LAVA® BASIC 3.0 stands for flexibility in use. It can be used for zone heating for the targeted heating of specific areas, but it can also be used for full heating for comprehensive heat distribution throught the entire room. This enables bespoke adjustments to your heating needs. One particular advantage of the LAVA® BASIC 3.0 is its easy installation, which can easily be done by a single person. This saves time and installation costs and makes handling even more convenient.

Invest in this high-quality, sustainable heating technology now. The LAVA® BASIC 3.0 combines innovation, style and optimal performance in a single product. Experience the future of heating with the LAVA® BASIC 3.0 infrared heating panel – comfortable, efficient and environmentally friendly.

BENEFITS OF THIS PRODUCT

+ **Innovative coating for even greater efficiency:** The special coating ensures an optimal radiation effect, which provides even, efficient heat distribution and hence saves on heating costs.
+ **Sleek, stylish design:** With a panel thickness of only 48 mm and its high-quality metal housing, the panel ensures an optimal fit into any room.
+ **Wide range of installation options:** The panel can be installed on the wall, ceiling or as part of a grid ceiling (325 W & 680 W), and is therefore the ideal solution for a wide range of applications.
+ **Flexibility in use:** It can be used for zone heating for targeted warmth in specific areas, but it can also be used for full heating for comprehensive heat distribution.
+ **Particularly easy installation:** The panel can be easily installed by a single person, which saves time and money thanks to the new mounting bracket.
+ **Maintenance-free & durable:** Thanks to its high-quality materials, the panel has a particularly long life span and is absolutely maintenance-free.

SELECTION GUIDE

The selection of the output depends on the heat demand in the room (H: 2.5 m) and the use of the heater.
The following is a guide:

15-40 W/m²	Low energy and passive house
45-65 W/m²	Well insulated living space
70-85 W/m²	Moderately insulated living space
90-110 W/m²	Poorly insulated living space

INSTALLED IN A FLASH

Installed in minutes by a single person – saves time and money.

1. Mounting bracket acts as drilling template

2. Drill the holes & secure the mounting bracket

3. Attach the underside of the panel

4. Hook on the safety cable & make the electrical connection

5. Insert the safety splints

6. Installation completed

ETHERMA NOTE: Please follow the instructions in the separate installation manual.

LAVA® BASIC 3.0 infrared heating, without control system, with connection cable, steel, white (W)

RG: I1

Type	Item no.	Control system	Output (W)	Length (mm)	Height (mm)	Weight (kg)
LAVA3-BASIC-200-W	46276	none	200	600	400	4.5
LAVA3-BASIC-325-W	46278	none	325	620	620	7
LAVA3-BASIC-400-W	46279	none	400	1200	400	9
LAVA3-BASIC-450-W	46281	none	450	900	620	10
LAVA3-BASIC-680-W	46284	none	680	1245	620	14
LAVA3-BASIC-700-W	46282	none	700	900	900	17
LAVA3-BASIC-900-W	46286	none	900	1600	620	18
LAVA3-BASIC-1350-W	46287	none	1350	1245	1245	29
LAVA3-BASIC-325EP-W	46277	none	325	595	595	6
LAVA3-BASIC-680EP-W	46283	none	680	1195	595	13

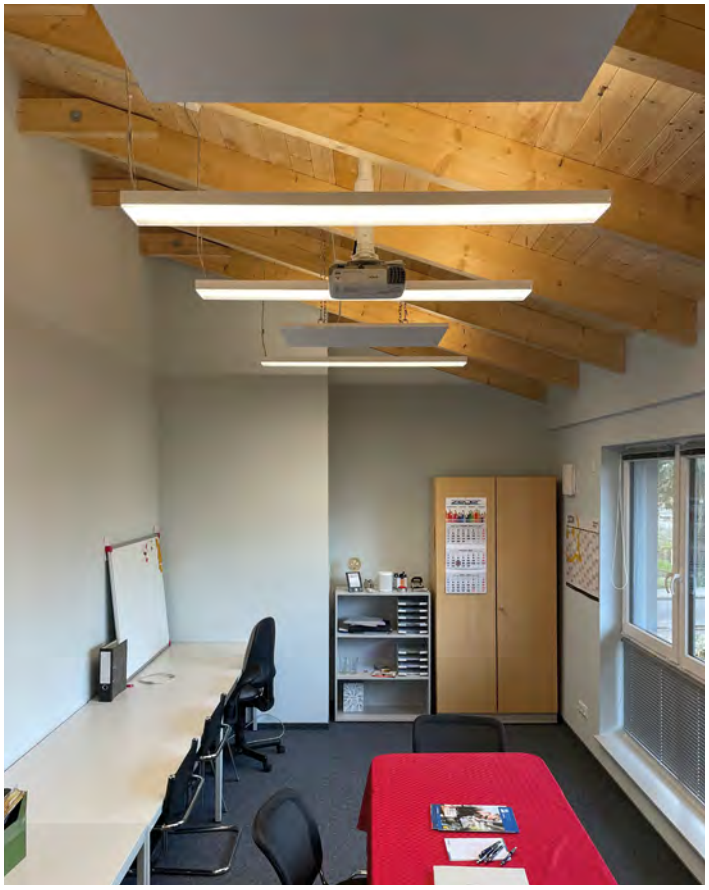
LAVA® BASIC 3.0 infrared heating, without control system, with connection cable, steel, nano-anthracite (NA)

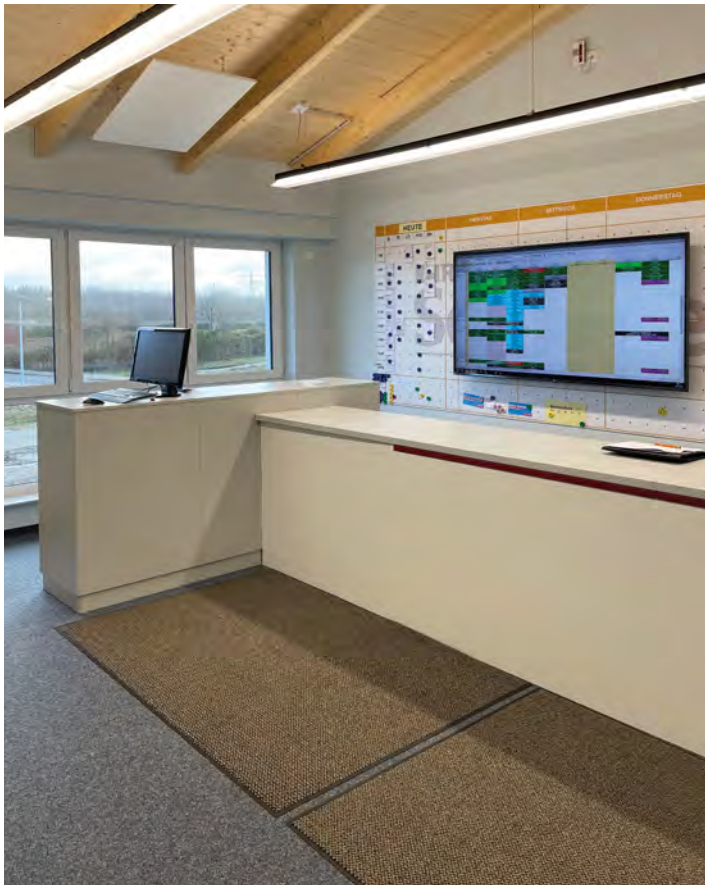
RG: I1

Type	Item no.	Control system	Output (W)	Length (mm)	Height (mm)	Weight (kg)
LAVA3-BASIC-325-NA	46288	none	325	620	620	7
LAVA3-BASIC-450-NA	46289	none	450	900	620	10
LAVA3-BASIC-680-NA	46290	none	680	1245	620	14
LAVA3-BASIC-900-NA	46291	none	900	1600	620	18
LAVA3-BASIC-325EP-NA	46384	none	325	595	595	7
LAVA3-BASIC-680EP-NA	46385	none	680	1195	595	14

Accessories

Type	Item no.	Description	RG
eTOUCH-PRO-1-W	41236	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, white	E1
eTOUCH-PRO-1-B	41432	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, black	E1
eBASIC-1	41278	Built-in switch thermostat with control dial and app function via Bluetooth 4.2, 16 A, 5-28 °C, white	E1
ET-14A	40595	Wireless room thermostat, LCD display with clock and week program	E1
ET-111A	36758	Radio receiver with relays in the surface-mounted housing	E1





CASE STUDY

EFFICIENT OFFICE HEATING WITH INFRARED

LAVA® infrared heating | Germany

THE SITUATION AT THE OUTSET

Elektrotechnik Schröder's newly built headquarters in Rellingen was to be heated exclusively with modern infrared technology. The new-build was built to KFW40 standard and has a total area of approx. 400 m², of which around 220 m² would be heated with infrared heating (mainly from the ceiling). In sanitation areas, mirror heating panels were the preferred choice.

In this instance, the electrician was a real fan of electric heating, as he believed that electric heating systems were the most sensible way to heat and he wanted his company building to provide a reference point for future customers – because what better way to convince your customers than to use the product yourself? At the same time, the entire building was being presented as an example of a new-build using infrared technology by well-known industry magazine "de-magazin".

Infrared heating systems provide quick and particularly pleasant warmth. This is absorbed by objects and people, who then release the warmth back into the room. This works particularly efficiently when the heat comes from above, as it can then be distributed evenly. Full use can also be made of rooms and walls.

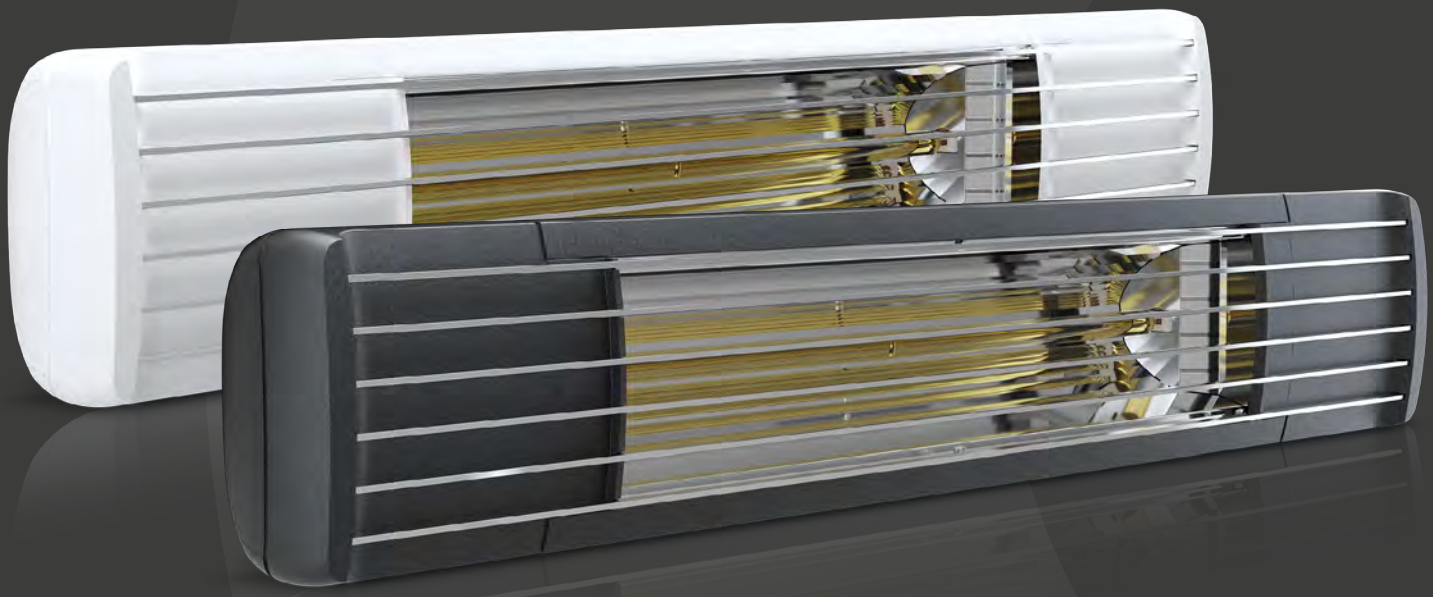
THE ETHERMA SOLUTION

A total of 19 LAVA® BASIC 3.0 infrared panels were installed in the office and exhibition areas. In addition, LAVA® GLAS infrared panels were placed in the sanitary rooms. This gives Elektrotechnik Schröder a total of 8.1 kW of installed heating output in the 200 square meters of the headquarters. In order to achieve maximum heating efficiency, intelligent control was crucial. This is why Bluetooth room thermostats were chosen. The thermostats were used to set up a weekly and daily programme, which maintains the temperature at 21°C between 06:15 AM - 07:00 PM and at 17°C at night from 07:00 PM - 06:15 AM. Thanks to short heating times, extended lead times and continuous temperature control are no longer required. The electric heating system once again proves to be an optimal team player in combination with the new 30 kWp, east-west aligned photovoltaic system. This allows self-produced electricity to be used directly in the heating system, thus increasing self-consumption.

In addition to the own electricity consumed, this results in an average requirement of 23.6 kW of electricity per day during the heating season.

ETHERMA EXO PRO

THE NEW GENERATION
OF PREMIUM INFRARED HEATERS



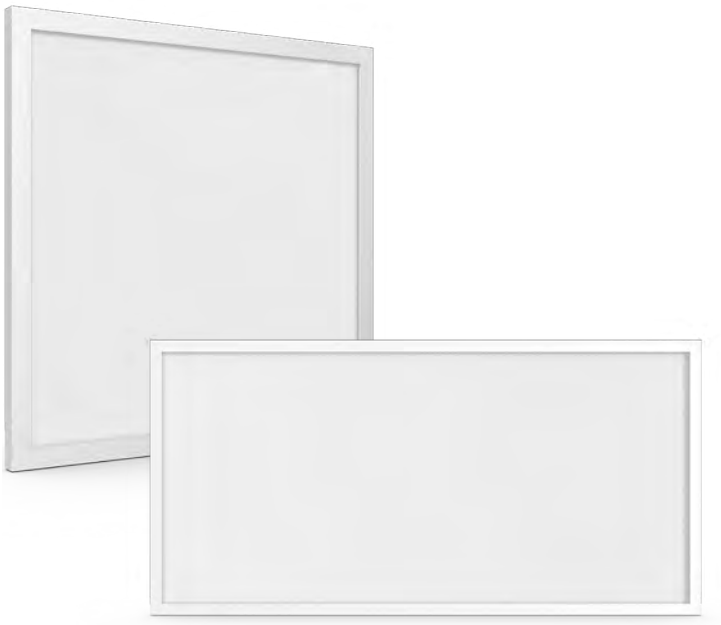
EXO PREMIUM
INFRARED HEATER

Discover the ETHERMA EXO PRO: The new generation of premium infrared heating elements combines outstanding efficiency with stylish design. Perfect warmth for outdoor areas, sustainable and future-focused. 100% recyclable with a heating element life span of up to 10,000 operating hours. Experience the innovation now and feel the difference!

www.etherma.com

LAVA® MAXIMUS

High-temperature infrared heating for ceilings



LAVA® MAXIMUS is ETHERMA's infrared heating system with extra powerful performance thanks to its high surface temperature. This increased performance makes this infrared panel particularly suitable for high-ceilinged rooms and for more demanding heat requirements. The infrared heating is installed either flush on the ceiling or integrated into a modular ceiling. Installation in a modular ceiling is very easy thanks to the standard dimensions of the ceiling panel. It can be used flexibly instead of a module and provides pleasant, gentle warmth from above within a few minutes. Ideal as a fully-fledged building heating system or for additional or zone heating in offices and sales rooms as well as for high-ceilinged living spaces.

TECHNICAL DETAILS

> Voltage:	230 V
> Output:	600, 800, 1500 W
> Surface temperature:	Approx. 180 °C at normal indoor temperatures
> Surface:	Frosted safety glass
> Colour:	White
> Device/Installation depth:	25/55 mm
> Installation heights:	Min. 1.85 m up to max. 4 m
> Optimal installation height:	2.8 m
> IP rating:	IP 24
> IEC Protection Class:	I
> Connection:	1 m, 3 x 1.0 mm² without plug

BENEFITS OF THIS PRODUCT

+ Extra powerful performance thanks to high surface temperature
+ Ideal for high-ceilinged rooms or for more demanding heat requirements
+ Installation on the ceiling
+ Complete integration in grid ceilings available
+ Fully-fledged building heating system or additional or zone heating
+ High-quality design
+ No service or maintenance required

SELECTION GUIDE

The selection of the output depends on the heat demand in the room (H: 2.8 m) and the use of the heater.
The following is a guide:

20-55 W/m²	Low energy and passive house
60-90 W/m²	Well insulated living space
95-120 W/m²	Moderately insulated living space
125-150 W/m²	Poorly insulated living space

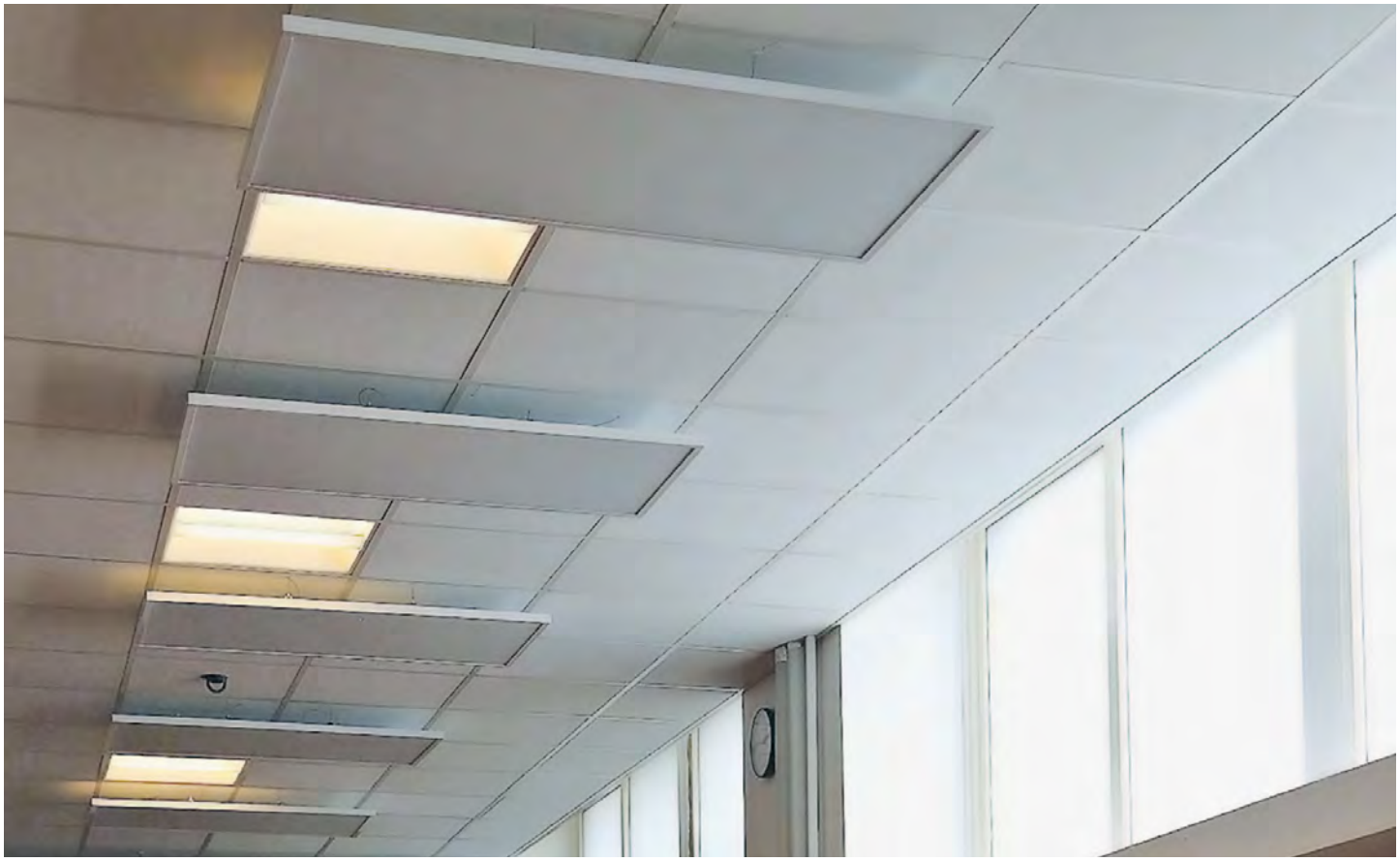
LAVA® MAXIMUS infrared heating, glass frosted, pure white (PW)

RG: I4

Type	Item no.	Output (W)	Length (mm)	Height (mm)	Weight (kg)
LAVA-MAX-GL-600-PW	46180	600	480	480	5
LAVA-MAX-GL-800-PW	46181	800	620	620	7.5
LAVA-MAX-GL-1500-PW	46182	1500	1245	620	15
LAVA-MAX-GL-800EP-PW	46183	800	595	595	7.2
LAVA-MAX-GL-1500EP-PW	46184	1500	1195	595	14.4

Accessories

Type	Item no.	Description	RG
eTOUCH-PRO-1-W	41236	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, white	E1
eTOUCH-PRO-1-B	41432	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, black	E1
eBASIC-1	41278	Built-in switch thermostat with control dial and app function via Bluetooth 4.2, 16 A, 5-28 °C, white	E1
LAVA-DA	46185	Straight ceiling suspension using 4 individual cables; for LAVA® MAXIMUS and LAVA® LUX	A7



CASE STUDY

FAST, EFFICIENT HEAT FOR HEAT WAVE YOGA

LAVA® MAXIMUS high-performance infrared heating | Denmark

THE SITUATION AT THE OUTSET

Heating high-ceilinged, high-volume rooms is always a challenge. And this is exactly what a typical fitness studio involves: high-ceilinged rooms with lots of space. The aim was to heat the training area quickly and precisely for Heat Wave yoga sessions. The operators also wanted high-quality infrared panels to ensure an extended lifespan.

When they chose ETHERMA, PureGym opted for a manufacturer providing European premium quality, to generate long-lasting, reliable heat. The advantages of infrared warmth are obvious: if your body is already warmed from the outside with infrared radiation, muscles and joints reach "operating temperature" more quickly, so that fat burning begins immediately and the training is more effective.

THE ETHERMA SOLUTION

For fast, even heating of large, high-ceilinged spaces, ETHERMA LAVA® MAXIMUS high-performance panels, offering extra powerful performance and high surface temperatures, were used in this case to ensure fast, high heat output.

In the studio, a total of 23 panels were installed on the ceiling above the workout areas, which now provide targeted heat for the participants immediately once they are switched on. This means that the room no longer needs to be heated continuously – which saves energy and money.

The LAVA® MAXIMUS can not only be installed on the ceiling as shown above, but also integrated completely into a modular ceiling thanks to the standard dimensions of the ceiling.

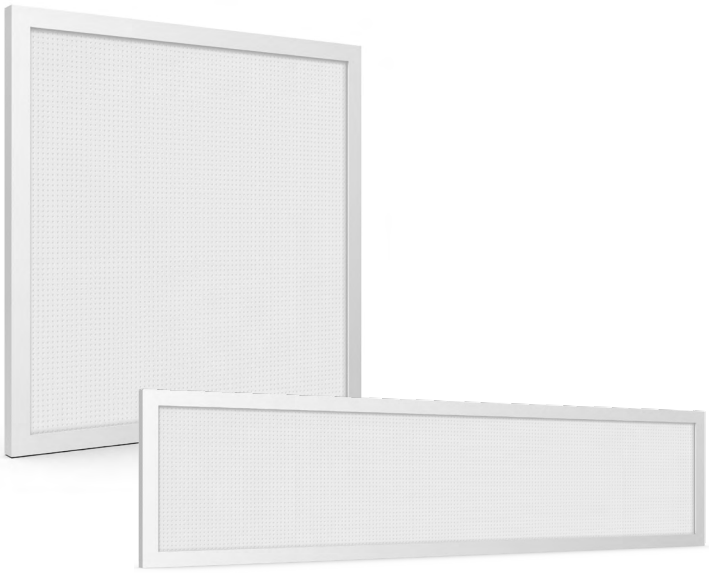
LAVA® MAXIMUS
1500 W

LAVA® MAXIMUS
800 W

Integration in grid ceilings

LAVA® LUX

Infrared heating with integrated LED lighting for ceilings



Innovative LAVA® LUX infrared heating combines efficient infrared heating with an exclusive LED light in a single unit thanks to its patented technology. The entire surface of the panel lights up, emitting homogeneous light downward. This combination of light and heat makes the LAVA® LUX particularly suitable for additional and zone heating for offices, surgeries and reception areas as well as for living spaces such as kitchens, bathrooms or home offices. The full-surface light in neutral white (4000 K) guarantees optimal illumination and is therefore ideal for working spaces. Heating and light can be controlled separately or together. The unit can be either installed directly onto the ceiling or suspended. It can also be integrated into modular ceilings, as the panel has the same dimensions as the modular ceiling and can be inserted instead of one of the modules.

CE

TECHNICAL DETAILS

> Voltage:	230 V
> Output:	370 – 400 W
> Surface temperature:	Max.120 °C at normal indoor temperatures
> Surface:	Safety glass
> Frame:	White aluminium
> Device/Installation depth:	25/55 mm
> Protection rating:	IP 21
> IEC Protection Class:	I
> Connection:	2 x 1 m, 3 x 1.0 mm² without plug
> Light colour:	4000 K
> LED voltage:	48 V DC
> LED output:	58 W
> Transformer IP rating:	IP 20
> Transformer protection class:	II
> CRI:	Ra >90
> Glare level (UGR):	<19
> Energy efficiency rating Lighting:	E

BENEFITS OF THIS PRODUCT

+ Efficient infrared heating and LED light in a single unit
+ Ideal for workplace heating with fully-fledged lighting solution
+ Low light consumption thanks to LED technology
+ Full-surface light in neutral white (4000 K)
+ Easy installation on the ceiling or suspended
+ Complete integration in modular ceilings available
+ Fully-fledged building heating system or additional or zone heating
+ High-quality design
+ No service or maintenance required

SELECTION GUIDE

The selection of the output depends on the heat demand in the room (H: 2.5 m) and the use of the heater.
The following is a guide:

20-45 W/m²	Low energy and passive house
50-70 W/m²	Well insulated living space
75-95 W/m²	Moderately insulated living space
100-120 W/m²	Poorly insulated living space

LAVA® LUX infrared heating with LED lighting, glass, white (PW)

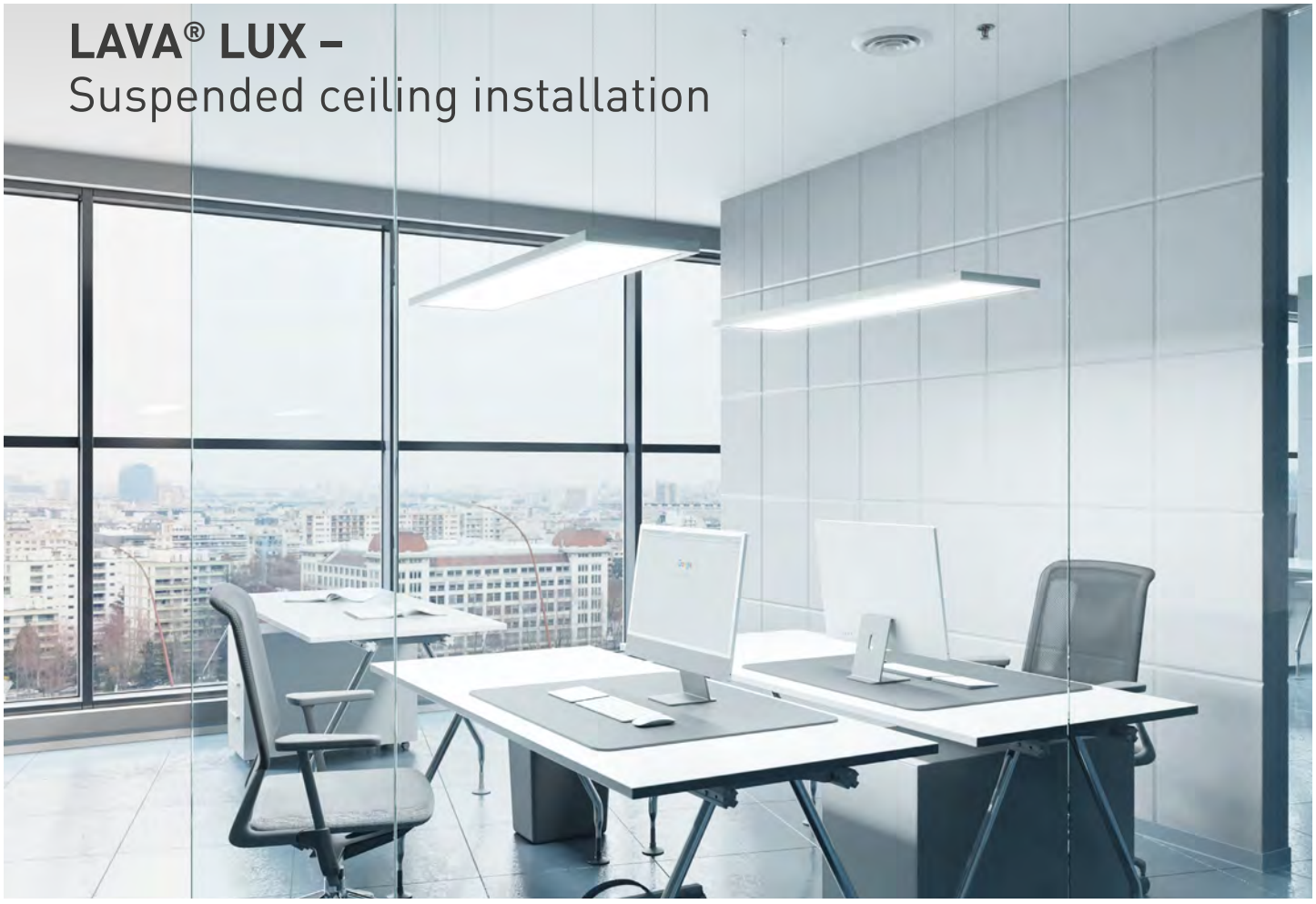
RG: I4

Type	Item no.	Output (W)	Length (mm)	Height (mm)	Lumen	Weight (kg)
LAVA-LUX-GL-370-30-PW-NW	46186	370	1200	300	1800	9.5
LAVA-LUX-GL-400-62-PW-NW	46187	400	620	620	2500	9.8
LAVA-LUX-GL-370-59-PW-NW	46189	370	595	595	2400	9.5

Accessories

Type	Item no.	Description	RG
eTOUCH-PRO-1-W	41236	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, white	E1
eTOUCH-PRO-1-B	41432	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, black	E1
eBASIC-1	41278	Built-in switch thermostat with control dial and app function via Bluetooth 4.2, 16 A, 5-28 °C, white	E1
LAVA-DIMM-LUX	46408	Dimmer for all LAVA®LUX, controllable via push button or hand-held transmitter	A7
LAVA-FHS-LUX	46409	Hand-held transmitter for LAVA-DIMM-LUX dimmer	A7
LAVA-DA	46185	Straight ceiling suspension using 4 individual cables; for LAVA® MAXIMUS and LAVA® LUX	A7


LAVA® LUX –
Ceiling installation


LAVA® LUX –
Suspended ceiling installation

LAVA® DESK ZONE

For individual heat zones on your desk / workspace

Cozy, comfortable warmth in your workspace or at your desk - adjusted to the individual needs of each person. The new LAVA® DESK ZONE set consisting of the innovative and elegant LAVA® DESK TOP and LAVA® DESK SUB infrared heaters creates an individual and at the same time extremely efficient heat zone directly at your desk.

With LAVA® DESK TOP, the emphasis is on design, efficiency and optimal integration into the work area. Free-standing on the desk, it integrates perfectly, looks like a stylish design element and provides warmth for the hands and upper body. In combination with the LAVA® DESK SUB, which offers four simple and flexible installation options under the table, and thus warms the lower body, you can create a cosy heat zone. Both infrared panels – which are also available individually – work best together and operate extremely efficiently, as the heat effect can be felt immediately after switching on, thanks to their new GRP technology. This means that the ambient temperature can be significantly reduced and working areas are only heated when they are actually in use – without compromising on the individual comfort of your employees. Studies (TU Dresden) have shown that this can lead to significant cost savings of up to 30%.

Both units are intuitively controlled thanks to a timer function and the LAVA® DESK SUB also comes with three dimmer settings – on the LAVA® DESK TOP this is directly on the unit, while the LAVA® DESK SUB uses a separate operating element on the connection cable.

CE

TECHNICAL DATA LAVA® DESK TOP

- Voltage: 230 V
- Output: 50 W
- Surface temperature: Max. 85 °C at normal indoor temperatures
- Surface: Smooth surface
- Frame: Aluminium, GRP
- Frame: White RAL 9016, Black RAL 9005
- Device/Installation depth: 14 mm
- IP rating: IP 21
- IEC Protection Class: II
- Connection: 1.5 m connection cable
- Control: Timer 1-2-4 hours
- Position of controls: Right

TECHNICAL DATA LAVA® DESK SUB

- Voltage: 230 V
- Output: 90 W
- Surface temperature: Max. 85 °C at normal indoor temperatures
- Surface: Smooth surface
- Frame: Aluminium, GRP
- Colour: White RAL 9016, Black RAL 9005
- Device/Installation depth: 14 mm
- IP rating: IP 21
- IEC Protection Class: II
- Connection: 1.5 m connection cable
- Control: Timer 1-2-4 hours, three-level power control
- Position of controls: Integrated into connection cable; can be installed either on the unit or on the underside of the table

BENEFITS OF THIS PRODUCT

+ Very short heating phase thanks to GRP technology
+ Timer (1, 2, 4 hours) and dimmer function (SUB version)
+ Reduces the room temperature thanks to individual comfort zones directly on the desk – with no loss of comfort
+ Considerable potential savings of up to 30% of total energy requirement (TU Dresden study)
+ High cost efficiency – only provides heat when the workspace is occupied
+ Individual perceptions of warmth are vital – this creates employee satisfaction
+ Maintenance-free, easy to install with the accessories provided, ready to use immediately
+ Integrates perfectly into the office landscape thanks to modern industrial design
+ Available in white and monitor black

LAVA® DESK ZONE table infrared heating, white (W) or black (B)

RG: I4

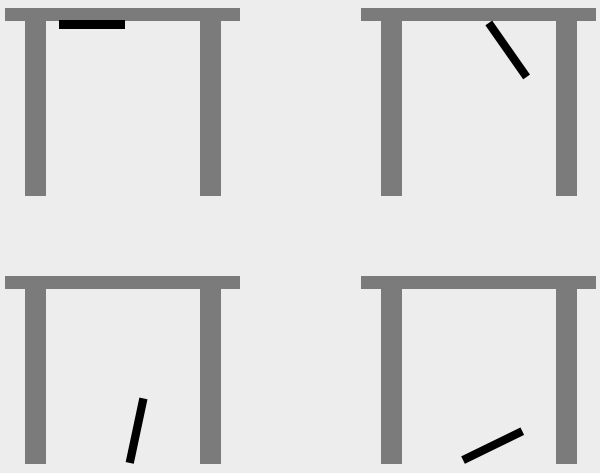
Type	Item no.	Output (W)	Length (mm)	Height (mm)	Weight (kg)
LAVA-DESK-ZONE-W	46380	LAVA® DESK ZONE set consisting of LAVA® DESK TOP and LAVA® DESK SUB, white			
LAVA-DESK-ZONE-B	46381	LAVA® DESK ZONE set consisting of LAVA® DESK TOP and LAVA® DESK SUB, black			
LAVA-DESK-TOP-50-W	46376	50	600	120	0.6
LAVA-DESK-TOP-50-B	46377	50	600	120	0.6
LAVA-DESK-SUB-90-W	46378	90	600	200	0.9
LAVA-DESK-SUB-90-B	46379	90	600	200	0.9

LAVA® DESK ZONE

CREATE YOUR OWN MICROCLIMATE AT YOUR DESK

LAVA® DESK SUB INSTALLATION OPTIONS

Thanks to its flexible mounting bracket, the infrared panel can be installed either under the table or on the floor – just the way you want it.



LAVA® DESK ZONE HEAT ZONE

NEW VERSION

CE

ETHERMA FIRE+ICE

The innovative living room heat pump with air conditioning function

Outer covers (Fig. 3)

Remote control

The FIRE+ICE living room heat pump with air conditioning function is an innovative monoblock air-to-air heat pump with no external unit. It is perfect for rooms up to 35 m² in size (such as living rooms or bedrooms) and is the optimal decentralised solution for individual residential units – either for older buildings or for easy, rapid apartment renovations. Regardless of whether you are a private apartment owner or a housing cooperative – with any number of apartments – who want to break their dependence on oil, gas or a night storage heater.

How it works: The device draws in the outside air and extracts the heat from it. In the next step, this is fed into the room air, and the cool outside air is directed back into the open air again – all of this in two completely separate air circuits. When outdoor temperatures are cooler, the integrated additional heating element is activated automatically as required. At the same time, FIRE+ICE is a fully-fledged air conditioning unit, making it perfect for year-round use.

Installation: FIRE+ICE can be easily installed on the inside of any vertical external wall with an even surface: two core holes for supply and exhaust air (200 mm respectively) as well as a hole for condensation water (20 mm) – and that's it! Unattractive, bulky outdoor units, a familiar sight with conventional heat pumps or air conditioning units, are therefore a thing of the past. Installation can be performed for example by an electrician or fitter.

TECHNICAL DETAILS

> Voltage:	230 V
> Fuse rating (inert):	16 A
> Max. connected load without/with additional electric heater:	1.09/2.89 kW
> Additional heating output:	0.9/1.8 kW
> Max. heating output **at outdoor temperature of 7 °C** without/with additional electric heater:	3.05/4.85 kW
> Max. heating output **at outdoor temperature of 2 °C** without/with additional electric heater:	2.51/4.31 kW
> Max. heating output **at outdoor temperature of -7 °C** without/with additional electric heater:	1.60/3.40 kW
> Max. cooling output at 35/27°C:	3.10 kW
> COP at 7 °C (Coefficient of Performance):	3.28
> EER (Energy Efficiency Ratio):	3.25
> Indoor noise pressure level (measured according to ISO 7779):	27.0-41.0 dB(A)
> Noise pressure level at maximum fan speed:	Up to 63 dB(A)
> PFAS-free coolant:	R32 (0.5 kg)
> Air hole diameter External wall (2x):	200 mm
> Condensation line diameter External wall (1x):	20 mm
> Weight:	41 kg
> Plug connection cable:	1.7 m
> IP rating:	IP X0
> Energy efficiency class - heating:	A
> Energy efficiency class - cooling:	A+

BENEFITS OF THIS PRODUCT

+ Monoblock air heat pump with no external unit, for rooms up to 35 m² (depending on structural conditions)
+ Heating and air conditioning unit all in one
+ The perfect de-centralised heating solution for the renovation of individual apartments (private or housing association)
+ Simple installation on the inside of external walls, no refrigeration engineer required
+ Protection against cold bridges thanks to insulated wall duct
+ Flexible control using the touchscreen display on the device or remote control

ETHERMA FIRE+ICE monobloc heat pump with air conditioning function, 230 V

(The scope of delivery includes all parts required for installation, including the drilling template, 2 outer covers, insulated wall duct (1 m) and installation rail, as well as remote control incl. battery.)

RG: HC1

Type	Item no.	Width (mm)	Height (mm)	Depth (mm)
ET-HP-FIRE+ICE2-5-W	48001	1010	549	165

Accessories

RG: A10

Type	Item no.	Description
ET-HP-FIRE+ICE-AP-WCU	48087	External room thermostat for controlling up to 16 devices. Wired version, installation on flush-mounted box 503, packing unit: 1 unit (Fig. 1)
ET-HP-FIRE+ICE-AP-ISOPIPE-160	48094	Insulated wall duct for 200 mm bore hole, additionally required for wall thicknesses above 50 cm, EPS material, 1 m length, packing unit: 1 unit (Fig. 2)
ET-HP-FIRE+ICE-AP-CLS	48099	Cover for underside of unit, privacy screen for elevated installations, packing unit: 1 unit (no image)

1.

2.

3.

fireice.etherma.com

CASE STUDY

RENOVATION MADE EASY

FIRE+ICE monoblock heat pump | Germany

THE SITUATION AT THE OUTSET

A northern German family upgraded during a renovation and installed a photovoltaic system on the roof. They wanted to use the electricity that they generated straight away, lightening the load on the gas boiler and extending its lifespan.

They really wanted a fast, cost-conscious renovation, so they turned to ETHERMA. As a leading provider of electric heating systems, ETHERMA offers a variety of solutions for uncomplicated, efficient renovations. ETHERMA heating systems don't require a machine room, and many of the products are ready to plug in or very easy to install. A good argument when skilled workers are in short supply.

THE ETHERMA SOLUTION

This renovation involved a combination of multiple ETHERMA systems. The new ETHERMA FIRE+ICE air-source heat pumps were installed in the bedroom, children's room and living room. One of the great advantages of FIRE+ICE is that it has no unsightly, bulky external unit.

No heating engineer is required for installation, making it ideal for a fast, uncomplicated renovation. The fully-fledged air conditioning function is an absolute game-changer in summer. In the upstairs bathroom, the family can now enjoy warm feet thanks to the new electric underfloor heating, which is simply inserted into the tile adhesive under the tiles. The LAVA® BATH infrared panel also ensures comfortable temperatures and cosy warm hand towels. The smaller bathroom on the ground floor is warmed with a heated mirror.

If their gas-fired boiler ever gives up, the family is well prepared - ETHERMA products last reliably for a good many years.

ETHERMA DUO PLUS S

Convector storage heating with radiant heat

ÖKODESIGN READY

ETHERMA DUO PLUS S convector storage heating is a modern direct heating unit, with heating technology that will win you over in three different ways: the unique combination of convection, radiant heat and heat storage not only offers more in terms of performance, but also optimises operating costs. This high-performance heating unit saves space thanks to its compact structure and generates pleasant radiant heat at the same time. It is particularly suitable as efficient interim heating for large rooms and is an ideal replacement for outmoded storage heaters. The heating unit can be installed horizontally on the wall and is connected by means of a connection cable with a plug.

NEW: The ETHERMA DUO PLUS S has a switch with three settings: Off / No internal control / With internal control. The "No internal control" setting is used when the ETHERMA DUO PLUS S is controlled using an external room thermostat. Make sure that the room thermostat is Ecodesign-compliant.

With internal control setting functions: If there is a sudden drop in temperature, e.g. because of an open window, the unit switches off automatically. In addition, the ETHERMA DUO PLUS S can be adjusted to your individual needs using the daily and weekly programme. When switched to Off, the unit's frost protection mode is enabled.

CE

TECHNICAL DETAILS

> Voltage:	230 V
> Output:	1500 W, 2000 W
> Temperature range:	15 – 28 °C
> Frost protection function:	7 °C
> Surface temperature:	Max. 85°C at normal indoor temperatures
> Surface:	12 mm stone, white similar to RAL 9003
> Device/Installation depth:	105 mm
> IP rating:	IP 24
> IEC Protection Class:	II
> Connection:	Connection cable with plug 1 m

BENEFITS OF THIS PRODUCT

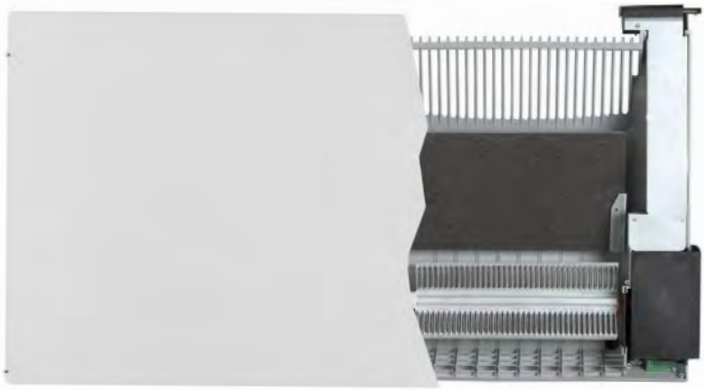
+ Powerful convector with additional radiant heat
+ Space-saving
+ Frameless Infinity design
+ Daily and weekly programme
+ Temperature drop detection
+ Silent control thanks to TRIAC technology
+ Switch: Off / No int. control / With int. control
+ Highest safety against breakage and overheating
+ No service or maintenance required
+ Ecodesign guidelines compliant

SELECTION GUIDE

The selection of the power output depends on the heat demand of the room (height: 2.5 m) and the use of the heater.
The following is a guide:

30-55 W/m²	Low energy and passive house
60-80 W/m²	Well insulated living area
85-105 W/m²	Moderately insulated living area
110-130 W/m²	Poorly insulated living area

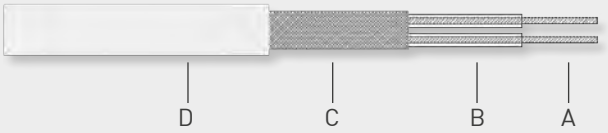
ETHERMA TIP:
The ETHERMA DUO PLUS S is the ideal substitute for outmoded storage heaters – no soot build-ups, pinpoint accurate temperature control, space-saving and high performance.



ETHERMA DUO PLUS S convector storage heating, 1500 - 2000 W, 230 V, IP 24 RG: D6

Type	Item no.	Output (W)	Width (mm)	Height (mm)	Weight (kg)
ET-DUO-PLUS-S-1500-W	46139	1500	1000	500	22
ET-DUO-PLUS-S-2000-W	46140	2000	1000	500	22

CE



A Resistance cables
B TPCP internal insulation
C Protective sleeve made of tin-plated copper shield
D TPCP external insulation

TECHNICAL SPECIFICATIONS - HEATING MAT

>	Voltage:	230 V
>	Output:	320 W
>	Wall temperature:	approx. 55 °C
>	Limit temp.:	approx. 60 °C
>	Thickness of heating conductor:	max. 3.8 mm
>	Mat dimensions:	160 x 40 cm
>	Grid type:	12 x 12 mm, self-adhesive
>	IP rating:	IP X7
>	Safety function:	residual-current circuit-breaker, 30 mA
>	Connection:	4 m; 2 x 1.0 mm²/1.5 mm² + protective netting

BENEFITS OF THIS PRODUCT

+ A harmonious interior scene thanks to heating systems integrated into the wall
+ Elegant KEUCO towel rail included – more optional units possible
+ Designer mounted thermostat with 2 relay outputs included
+ Pleasant infrared radiant heat

POSSIBLE APPLICATIONS

To dry and warm your hand towels.

ETHERMA ZESTO

Hand towel warmer incl. designer thermostat & KEUCO towel rail

ÖKODESIGN READY

The flush-mounted ZESTO hand towel warmer is a wall heating set consisting of a heating mat and limiter (approx. 60 °C), an eTOUCH HYBRID designer fixed thermostat with its sophisticated look and smart button programming, a high-quality, chrome-plated KEUCO towel rail, and an insulating plate.

The grid heating mat and insulating plate are mounted flush with the wall. The thin-bed grid heating mat can be laid in tiling adhesive under panels or under plaster. The designer KEUCO hand towel rail is then surface-mounted.

The eTOUCH HYBRID designer fixed thermostat is included in the set to control the ZESTO hand towel warmer. This includes an OLED display, programmable switch-on/-off times, and complies with the Ecodesign Directive. The set can also be ordered without a thermostat in the ET-ZESTO-40-160-1-CR-NT version.

ZESTO hand towel warmer, 230 V

RG: D2

Type	Item no.	Output (W)	Length (cm)	Width (cm)	Towel rail
ET-ZESTO-40-160-1-CR	46417	320	160	40	1
ET-ZESTO-40-160-1-CR-NT	46418	320	160	40	1

NT: No thermostat

Accessories

RG: A7

Type	Item no.	Description
HALTI-GC-60-ZESTO	46028	KEUCO hand towel rail for ZESTO hand towel warmer, chrome-plated, enclosed version, W 65 cm

eTOUCH HYBRID

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