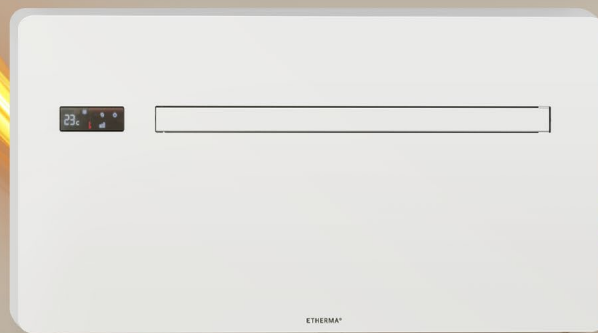


ETHERMA^o

EFFICIENT. ELECTRIC. HEATING.

NEW



ETHERMA FIRE+ICE

The innovative single room heat pump with cooling option

The FIRE+ICE single room heat pump with cooling option is an innovative monoblock 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 entirely from the inside, for example by an electrician or fitter.

BENEFITS OF THIS PRODUCT

- + Monoblock air heat pump with no external unit, for rooms up to 35 m²
- + Heating and air conditioning unit all in one
- + The perfect decentralised heating solution for the renovation of individual apartments (private or housing association)
- + Simple installation on the inside of external walls, no refrigeration engineer required
- + Low noise for a restful night's sleep
- + Flexible control using the touch-screen display on the device, remote control or app

ETHERMA
Elektrowärme GmbH
Landesstraße 16
A-5302 Henndorf

Tel.: +43 (0) 6214 | 76 77
Web: www.etherma.com
E-mail: office@etherma.com

ETHERMA
Deutschland GmbH
Carl-Zeiss-Ring 15a
D-85737 Ismaning

Tel.: +49 (0) 25 62 | 81 97 00
Web: www.etherma.com
Mail: office.de@etherma.com

ETHERMA^o
EFFICIENT. ELECTRIC. HEATING.

ETHERMA FIRE+ICE

The innovative single room heat pump with cooling option



fireice.etherma.com



TECHNICAL DETAILS

- > Voltage: 230 V
- > Fuse rating (inert): 16 A
- > Max. connected load without/with additional electric heater: 1.06/2.86 kW
- > Additional heating output: 1.8 kW
- > Max. heat output at 7°C outdoor temperature without/with additional electric heater: 3.05/4.85 kW
- > Max. heat output at 2°C outdoor temperature without/with additional electric heater: 2.51/4.31 kW
- > Max. heat output at -7°C outdoor temperature 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
- > Sound pressure level indoor: 21.0-41.0 dB
- > Refrigerant: 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: IPX0
- > Energy efficiency class - heating: A
- > Energy efficiency class - cooling: A+

ETHERMA FIRE+ICE single room heat pump with cooling option, 230 V

RG: HC1

(The scope of delivery includes all parts required for installation, including the drilling template, air hole covers and installation rail, as well as remote control incl. battery.)

Type	Art. no.	Width (mm)	Height (mm)	Depth (mm)	Price in € excl. VAT
ET-HP-FIRE+ICE-5-W	48000	1010	549	165	2580.00

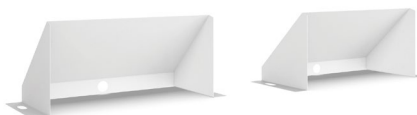
Accessories

RG: A10

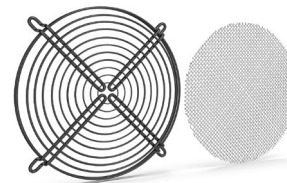
Type	Art. no.	Description	Price in € excl. VAT
ET-HP-FIRE+ICE-AP-ACFF	48096	Aluminium covers with fixed slats incl. insect screen, to cover the outside holes, VPE: 1 pair (Fig. 1)	91.00
ET-HP-FIRE+ICE-AP-RPK	48097	Weather protection plates for the outside, in combination with covers with fixed slates, colour: RAL 9003 white, VPE: 1 pair (Fig. 2)	147.00
ET-HP-FIRE+ICE-AP-IPK	48098	Insect screen in combination with external cover (standard or fixed slats), incl. installation material, VPE: 1 pc. (Fig. 3)	79.00
ET-HP-FIRE+ICE-AP-CLS	48099	Cover for underside of unit, privacy screen for elevated installations, VPE: 1 pc. (no image)	79.00
ET-HP-FIRE+ICE-AP-PREIK	48095	Pre-installation set consisting of drilling template, air hole covers and installation rail, VPE: 1 set (no image)	96.00



1.



2.



3.

ETHERMA TIP:

In addition to the FIRE+ICE monoblock air heat pump, the ETHERMA concept for apartments up to 150m² in size also includes infrared panels for walls and ceilings as well as electrical underfloor heating for smaller rooms that are only used on a temporary basis or rooms with no external wall. In addition, ETHERMA also offers the matching solution for central and decentralised hot water generation with the ETHERMA AQUA product line. We'll be glad to help!