

Product name

ET-HP-FIRE+ICE-5-W

Item number

48000

Manufacturer

ETHERMA



Product description

Air-to-air indoor heat pump, 4.85kW, 230V, incl. touch display

The innovative FIRE+ICE residential heat pump with climate function impresses with its puristic design, multifunctional use and individual control options. As a heat pump, it convinces primarily as an efficient heater with a COP of 3.28 and a heating capacity of 4.85kW. In addition, however, it can also be operated as an air conditioner in the warm months, thus enabling year-round use. Depending on your preference, the heater can be controlled via the touch display, remote condition or the FIRE+ICE app. The air-to-air heat pump is ideally suited as a decentralised heating solution for rooms up to 35m² in the renovation of flats and serves as a replacement for gas and oil heating systems as well as night storage heaters. Thanks to the monobloc design, the heat pump can be installed in rooms with an external wall and does not require an external unit on the facade or property. Installation requires only two core drill holes and a 20 mm hole to the outside. The installation can be done entirely from the inside and does not require a refrigeration technician. The heat pump is connected directly to a power outlet. In night mode, the device runs particularly quietly at 27db and can therefore also be operated in bedrooms. The heat pump operates with R32 refrigerant. The scope of delivery includes all necessary parts for installation including drilling template, air hole covers and mounting rail as well as the remote control incl. battery. Power supply: 230V; incl. 1.7m plug cable; heating capacity 3.05 kW at +7°C outside temperature, additional 1.8 kW auxiliary heater; maximum connection cable: 2.86 kW; fuse protection: 16 AC; COP: 3.28 at +7°C outside temperature; unit dimensions: 1010 x 549 x 165 mm, weight: 41kg, color: white, 230V.

Technical Details

Operating principle	Cooling and heating	Connection voltage	230 Volt
Model (indoor unit)	Wall (low)	Number of phases	1
Condensing unit, water-cooled	✗	Fuse (slow)	16 Ampere
Inverter-controlled	✓	Cooling input power	1.06 1.06 Kilowatt
Type of refrigerant	R32	Cooling capacity	3.1 3.1 Kilowatt
Frequency	50 Hz	Heating input power	2.86 2.86 Kilowatt
Energy efficiency class cooling	A+	Heating capacity	3.05 3.05 Kilowatt
Energy efficiency class heating	A	EER (cooling)	3.25
Colour indoor unit	White	COP (heating)	3.28
With air cleaning filter	✓	Annual cooling energy consumption (350 hours - full load)	252 Kilowatt hour
With odour filter	✗	Height indoor unit	549 Millimetre
With remote control	✓	Width indoor unit	1010 Millimetre
With clock programme/timer	✓	Depth indoor unit	165 Millimetre
Expansion type	Inside	Weight indoor unit	41 Kilogram

Indoor unit with outside air connection	✓
Compatible with Apple HomeKit	✗
Compatible with Google Assistant	✗
Compatible with Amazon Alexa	✗
IFTTT support available	✗

Number of fan levels	3
Sound pressure level indoor unit for cooling	41 41 Decibel A weighted
Sound pressure level indoor unit for heating	41 41 Decibel A weighted
Acoustic capacity level indoor unit	58.6 58.6 Decibel A weighted
Dehumidification capacity	1.1 Litre per hour
Outer pipe diameter condensate drain	16 Millimetre
Filling quantity refrigerant	0.5 Kilogram