

PRODUCT DATASHEET

Type: ET-HP-FIRE+ICE-5-W
Art. Nr.: 48000



Short description

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



Product Description

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 control 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 on

ETIM characteristics

Operating principle	Cooling and heating	Refrigerant pre-charge	0.5 Kilogram
Model (indoor unit)	Wall (low)	Global warming potential (GWP)	675
Condensing unit, water-cooled	✗	Connection voltage	230 Volt
Inverter-controlled	✓	Number of phases	1
Type of refrigerant	R32	Fuse size of the device	16 Ampere
PED (Pressure Equipment Directive) category according to 2014/68/EU	2	Cooling input power	1.06 1.06 Kilowatt
Frequency	50 Hz	Cooling capacity	3.1 3.1 Kilowatt
Energy efficiency class cooling	A+	Heating input power	2.86 2.86 Kilowatt
Energy efficiency class heating	A	Heating capacity	3.05 3.05 Kilowatt
Colour indoor unit	White	EER (cooling)	3.25
Nominal diameter fluid pipe	Other	COP (heating)	3.28
Nominal diameter suction pipe	Other	SEER (cooling)	3.1
With air cleaning filter	✓	SCOP (heating)	3.3
With odour filter	✗	Annual cooling energy consumption (350 hours - full load)	252 Kilowatt hour
With remote control	✓	Height indoor unit	549 Millimetre
With clock programme/timer	✓	Width indoor unit	1010 Millimetre
Expansion type	Inside	Depth indoor unit	165 Millimetre
Indoor unit with outside air connection	✓	Weight indoor unit	41 Kilogram

Created on: 09/10/2024

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Compatible with Apple HomeKit	✗	Height outdoor unit	0 Millimetre
Compatible with Google Assistant	✗	Width outdoor unit	0 Millimetre
Compatible with Amazon Alexa	✗	Depth outdoor unit	0 Millimetre
IFTTT support available	✗	Weight outdoor unit	0 Kilogram
		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
		Sound pressure level outdoor unit for cooling	0 0 Decibel A weighted
		Sound pressure level outdoor unit for heating	0 0 Decibel A weighted
		Acoustic capacity level outdoor unit	0 0 Decibel A weighted
		Sound pressure level outdoor unit (at night reduction at 1 meter)	0 Decibel A weighted
		Outer pipe diameter of fluid pipe	0 Millimetre
		Outer pipe diameter suction pipe	0 Millimetre
		Dehumidification capacity	1.1 Litre per hour
		Outer pipe diameter condensate drain	16 Millimetre
		Min. pipe length	0.015 Metre
		Max. pipe length	0.7 Metre
		Max. height difference	0 Metre

Created on: 09/10/2024