Efficient solution for heating and cooling.



Winterwarm HPX-series

The Winterwarm HPX heat pumps are efficient air-to-water heat pumps. The HPX can be combined perfectly with the WWH-LT, QSE, QSG and JET warm air heaters.

Winterwarm

Characteristics Winterwarm HPX:

- Efficient solution for both heating and cooling
- High COP score: >5
- Energy efficiency class A*** (EU standard)
- No F-gas qualification required for installation
- Operates at outdoor temperatures from -25°C to +35°C
- Control via Smart Controller or BMS
- Four capacities (6 to 30 kW)





Efficient heating. Sustainably managed.

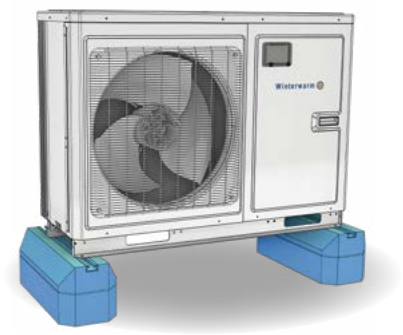
The HPX provides a sustainable basis for a range of Winterwarm heating and cooling solutions. This air-to-water heat pump delivers high efficiency for both heating and cooling and is suitable for a wide range of applications. Thanks to its inverter technology and fully modulating compressor, the HPX adjusts its output to match the heat demand. This ensures energy is used efficiently while maintaining high performance.

The Winterwarm HPX air-to-water heat pump is an energy-efficient monobloc heat pump for efficient heating and cooling. With a COP of more than 5 and an A+++ (EU standard) energy efficiency class, the HPX delivers maximum efficiency from every kilowatt of electricity. The two-stage compressor and precisely controlled expansion valve ensure fast and efficient heat transfer. Even at outdoor temperatures as low as -25°C, the HPX continues to provide reliable heating.

Thanks to the monobloc design, installation is straightforward: the outdoor unit is fully charged with refrigerant and ready to connect. Integrated components, including the expansion vessel, circulation pump and safety features, provide a complete and reliable solution.

High efficiency, even at low outdoor temperatures

Installation options



Heatpump on Big Foots



Wall suspension



Heatpump HPX30 on Big Foots

Want to know more?
Visit our website or scan the QR code!

www.winterwarm.co.uk

www.winterwarm.com

Heat emission systems

Combined with the Qwikshift Hybrid Heater, the HPX forms a flexible hybrid system in which the HPX outdoor unit works together with a water coil and an electric or gas-fired booster. The HPX can also be combined with the WWH-LT indirect-fired air heater or the JET air heater, providing an energy-efficient and sustainable heating solution at lower water temperatures.



Unit types	Compatible heat pump
QSE 6 + 10/15	HPX 06
QSE 12 + 15/30	HPX 12
QSE 16 + 5/10/15/20/30/40	HPX 16



Unit types	Compatible heat pump
QSG 6 + 10/20	HPX 06
QSG 12 + 20/30/40	HPX 12
QSG 16 + 20/30/40/50	HPX 16
QSG 30 + 60	HPX 30



Unit types	Compatible heat pump
WWH 110 LT	HPX 06
WWH 220 LT	HPX 12/HPX 16
WWH 330 LT	HPX 16
WWH 340 LT	HPX 30



Unit types	Compatible heat pump
JET 220	HPX 12
JET 330	HPX 16
JET 340	HPX 30

Technical data HPX-series

Type	Unit	HPX 06	HPX 12	HPX 16	HPX30
Article number		GHW8000	GHW8006	GHW8008	GHW8009
Nominal heating capacity*	kW	6,0	12,0	15,7	30
Cooling capacity**	kW	6,5	12,0	15,7	31
Electrical power input, heating	kW	1,11	2,49	3,57	6,9
Electrical power input, cooling	kW	1,28	2,61	4,05	7,56
COP*		5,41	4,82	4,40	4,35
SCOP		5,041	4,584	4,556	4,667
Space heating energy efficiency class** (811/2013/EU)		A+++	A+++	A+++	A+++
Refrigerant		R32	R32	R32	R32
Refrigerant charge	kg	0,95	2,2	2,2	5
Net weight	kg	90	144	144	261
Electrical current (max.), heating	A	11,0	11,5	12,5	18,1
Electrical current (max.), cooling	A	8,0	5,0	8,5	21,7
Maximum sound level, operating	db(A)	58	54	56	58
Air vent + pressure relief valve integrated		yes	yes	yes	yes
Water circulation filter		yes	yes	yes	yes
Dimensions (w×h×d)	mm	1150x735x415	1206x878x490	1206x878x490	1338x1950x580

**) At an outdoor temperature of 7°C and a water temperature of 30/35°C, in accordance with EN 14511.*
***) At an outdoor temperature of 35°C and a water temperature of 23/18°C, in accordance with EN 14511.*



Smart technology for long-lasting performance

Smart features such as the automatic defrost cycle and Gold Fin nano-coating on the condenser ensure optimum performance and a long service life, even under demanding conditions. The fully modulating compressor and fan also ensure quiet and energy-efficient operation.

Available in four output capacities

6 kW, 12 kW, 16 kW and 30 kW.

That's why Winterwarm!

Are you looking for a heating solution for your business? At Winterwarm, you've come to the right place! We offer expert advice and are happy to assist with capacity calculations. You can find plenty of information on our website, but we are also available by phone for personal assistance. With our wide range of products, Winterwarm has the ideal heating solution for every situation.

Control options

The HPX heat pump is controlled via Modbus. The Winterwarm Smart Controller can be used to ensure optimum coordination between the outdoor and indoor units. The heat pump's own control panel is located on the outside of the unit, making commissioning and fault diagnosis straightforward.



Winterwarm Smart Controller - article number IW8050

Device control with several smart functions.

- Modbus connection
- WiFi control
- Automatic optimum heating mode
- Up to 4 units per controller
- External temperature sensor possible
- Day/night control
- Cooling mode
- Available languages: NL/DE/EN/FR/PL

Additional control options

Modbus expansion kit – GA8010 : for connection to a building management system.

Power Isolation switch, 4 poles, IP65 : 25 Amp., 230-400 V – IK5282
32 Amp., 400 V – IE5209



That's why the Winterwarm HPX!

With the Winterwarm HPX heat pump, you choose an energy-efficient and sustainable solution for both heating and cooling. Thanks to its high efficiency, inverter technology and reliable operation at outdoor temperatures as low as -25°C, the HPX is suitable for a wide range of applications. Its monobloc design also makes installation straightforward.



Winterwarm: leading in heating and lighting

With years of expertise, we supply an extensive range of heating appliances and led lighting products for the industrial and agricultural markets, including: gas fired air heaters, water air heaters, electric air heaters, destratification units and led lighting fixtures.

Need some advice?
Contact us or scan the QR code!

Innovative heating and lighting solutions

We strive for sustainable and healthy solutions that contribute to a better climate and a pleasant working environment. Whether it's making your business premises more sustainable or optimizing the indoor climate, Winterwarm is your reliable partner for green and efficient business spaces.

Versatile and applicable everywhere, a world of possibilities

In addition to heating, Winterwarm also provides lighting for every space. Thanks to innovative technology and energyefficient designs, we create a comfortable environment tailored to specific needs. Perfect for both large and small spaces.



Curious about our projects?
Check our website or scan the QR code!

www.winterwarm.co.uk

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