

Fossil-free heating with comfort for every commercial space



Winterwarm EH-series

Electric air heaters from Winterwarm for
the transition to fossil-free heating of
commercial premises of every size.

Winterwarm 

Characteristics Winterwarm EH:

- 100% efficiency
- Sustainable heating
- 0% CO₂ emissions
- Variable heating capacity
- Efficient space heating
- Modulating fan
- Simple installation



Sustainable heating without gas

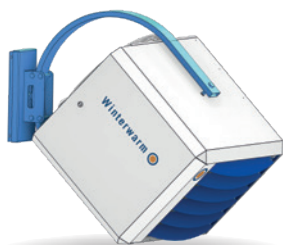
The drive towards more sustainable commercial buildings, moving away from natural gas as the main fuel for heating, are making electric air heating increasingly relevant. With the EH series, you can heat electrically without relying on fossil fuels. Especially when combined with PV installations, this is a future-proof solution that perfectly supports the energy transition and the desire to make use of generated solar or wind energy. Electric heating does, however, require a sufficiently robust power supply. It is therefore important to assess in advance whether adequate amperage is available on site and whether grid congestion could become an issue.

The Winterwarm EH is an electric air heater designed for the efficient heating of industrial halls, warehouses and other commercial spaces. This form of heating is characterised by rapid heat-up times and an even distribution of heat throughout the building, increasing comfort while helping to reduce energy consumption.

The Winterwarm EH offers flexible application possibilities, whether as the primary heating system in all-electric buildings or as supplementary heating in hybrid installations. High efficiency, straightforward installation and low investment costs make the EH an attractive heating solution for a wide range of applications. Air heating delivers heat exactly where it is needed, without the slow response times associated with water-based heating systems.

Flexible installation and fast heat-up!

Installation options



*Design suspension
(wall suspension, max. 45°)*



*Design suspension
(wall suspension)*



*Suspension brackets S and M
(wall suspension)*



*Suspension using threaded bar
(ceiling suspension)*



*Cantilever brackets M
(wall suspension)*



*Cantilever brackets M
(wall suspension)*



How does the EH air heater work?

The Winterwarm EH converts electrical energy directly into heat and distributes it through the room using a fan. Thanks to the combination of a powerful two-stage fan and a carefully designed unit, the warm air is evenly distributed, ensuring a stable temperature and lower energy consumption.

Sustainable heating

With 100% efficiency, all generated heat is effectively delivered to the room. The integrated delta T-control first makes use of the warm air already present beneath the ceiling. Only when this is insufficient to reach the desired room temperature does the electric heating element switch on. The two-stage control also adjusts automatically: once the set temperature has been reached, the unit switches to a lower output and reduced ventilation speed to prevent draughts and maintain comfort.

Installation and mounting

Thanks to the flexible suspension system, with a choice of three types of brackets and the option of angled discharge (up to 45°), the unit can be installed in almost any location. The unit can be wall-mounted using brackets or suspended from the ceiling using threaded bar. The horizontal louvres are adjustable, while vertical louvres are available as an option for more directed airflow. A power supply capable of delivering sufficient current is essential. The standard connection is 400 V, while the EH 5 and EH 10 can also be connected to a 230 V supply.



WCU air-circulation unit for improved heat distribution



vertical louvres



Technical data EH-series

Type	Unit	EH 5	EH 10	EH 15	EH 20	EH 25	EH 30	EH 40	EH 50	EH 60
Article number		GE05A0WW	GE10A0WW	GE15A0WW	GE20A0WW	GE25A0WW	GE30A0WW	GE40A0WW	GE50A0WW	GE60A0WW
Heating capacity	kW	5.0	9.9	15.0	19.8	24.9	29.7	39.6	49.5	59.4
Maximum electrical current per phase*	A	11.9	15.5	22.9	31.0	37.2	44.2	59.0	73.9	88.4
Maximum air output (warm)	m³/h	3100	3100	3100	3100	3000	3000	4400	6000	6000
Throw	m	23	23	23	23	22	22	28	30	30
Sound level (@ 5 meter)	dB(A)	55-58	55-58	55-58	55-58	55-58	55-58	57-60	62-65	62-65
Weight	kg	24	25	26	26	28	30	34	70	70
Dimensions (wxhxd)	cm	57x49x52	57x49x52	57x49x52	57x49x52	57x49x52	57x49x52	65x49x66	83x67x63	83x67x63

*) Standard: 3-phase connection; EH 5 and EH 10 are also suitable for 1-phase connection



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 MultiTherm Standard and MultiTherm Comfort thermostats optimize the operation of EH heaters. These thermostats are user-friendly and easy to operate.



Smart Controller - device control with several smart functions
article number IW8050

- Modbus connection
- WiFi control
- Automatic optimum heating mode
- Up to 4 heaters per controller
- External temperature sensor possible
- Failure diagnosis and reset per heater
- Day/night control
- Available languages: NL/DE/EN/FR/PL



MTC - clockthermostat with extra functions
article number IX3912

- Modulation on room temperature
- 10 programmable time blocks
- Overtime program
- Summer ventilation
- Controls up to 8 heaters
- Failure diagnosis and reset per heater
- Low voltage current (24V)
- To interrupt heat demand with an external signal
- Keyboard locking (pin code)



External temperature sensor possible.
article number GA3929

Additional control options

Modbus Control Set – GA5903

MTS Thermostat – IX3911

0-10 V. Control Set – GA5906

External Alarm Signal Set – GA4009

Room thermostat, on/off – IW3950

Power Isolation switch, 4 poles, IP65

: enables integration with a building management system (BMS).

: on/off thermostat with extra functions.

: allows regulation via a 0-10V signal without temperature measurement.

: adds an external alarm output.

: Simple on/off roomthermostat, 230 V. 10 Amp.

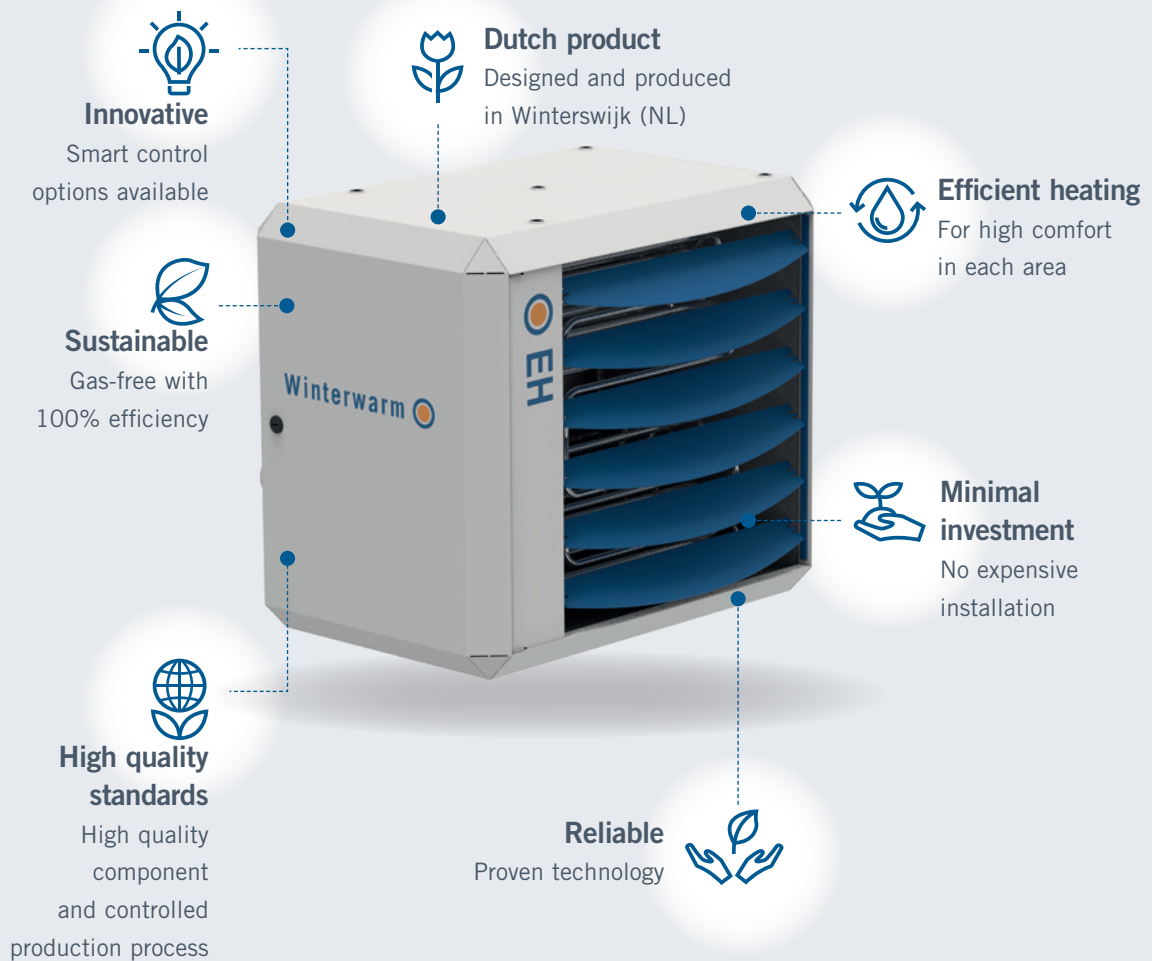
: 25 Amp., 230-400 V – IK5282

63 Amp., 400 V – IE5210

125 Amp., 400V – IE5212

That's why the Winterwarm EH!

With the EH air heater, you get a simple and affordable electric heating unit that quickly and comfortably heats your space. Looking to move away from gas? Then the EH is an excellent choice.



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.



www.winterwarm.co.uk

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

www.winterwarm.com



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.



www.winterwarm.co.uk

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



www.winterwarm.com

Winterwarm Heating Solutions BV

Olden Goorweg 1 P.O.Box 36 NL-7100 AA Winterswijk The Netherlands
T +31 (0)543 54 63 00 info@winterwarm.nl www.winterwarm.com

Winterwarm UK Ltd.:

Tel. +44 (0)192 57 65 799 enquiries@winterwarmuk.com www.winterwarm.co.uk



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