

Easy and effective heating for the agricultural sector.



# Winterwarm DHX-series

The Winterwarm DHX is a conventional gas fired warm air heater suitable for poultry sheds, pigsties and greenhouses.

Winterwarm 

# Characteristics Winterwarm DHX:

- Open combustion system
- 100% efficiency
- Immediate heat output
- High air output
- Proven, reliable concept
- Stainless steel body
- Low-maintenance design



## Fast, straightforward heating

DHX air heaters are designed around a proven and highly straightforward concept: direct gas fired heating without unnecessary extras. This results in a solution with low investment costs and minimal installation effort. A gas connection and a 230 V electrical supply are all that's required.

For users, this means a practical, robust and cost-effective heating system that can be deployed quickly and does exactly what it's designed to do: deliver efficient heating without unnecessary complexity.

Easy and effective heating for the agricultural sector.

The DHX range has been specifically developed for applications within the agricultural sector, such as poultry houses, pigsties and horticultural greenhouses. In these environments, maintaining a stable temperature and an even air distribution is essential for an optimal growing climate.

Thanks to its high air output and the unit's round design, heat is distributed effectively throughout the space. In livestock buildings, the air, together with the combustion gases, is extracted via ventilation systems to maintain a healthy indoor climate. In greenhouses, the CO<sub>2</sub> present in the combustion gases actively improves plant growth.

## Rapid heating for poultry houses, reliable technology!

### Installation options



*Suspension using wire cables*



*Suspension kit  
GA8572 - 2m. or GA8573 - 3m.*



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## How does the DHX air heater work?

The operation of the DHX air heater is based on an open combustion principle using natural gas or propane. The burner produces a stable flame, ensuring clean and complete combustion. As there are no heat losses, the generated heat is delivered directly into the space via the fan, achieving 100% efficiency. This results in a rapid temperature increase and highly efficient energy use.

### Robust and reliable

The DHX features a fully stainless steel casing. All components have been extensively tested and continue to perform reliably even in the most demanding and aggressive environments, such as pigsties. For extra protection, they are enclosed in a sealed box mounted on the side of the unit. The unit is splash-proof (IPX4B) and can be cleaned using a high-pressure washer. A digital control board monitors the ignition process and automatically performs one restart attempt in the event of flame failure. The entire range is CE approved.

### Support with DXF fan

For optimal performance, the DHX can be combined with DXF circulation fans. These support air movement and ensure that warm air is distributed more evenly and over greater distances throughout the house. This is particularly important for animal welfare and uniform crop growth.



*Stainless steel casing with control display mounted on the component box.*



*DXF circulation fan with high air output (5,000 m<sup>3</sup>/h).*



## Technical data DHX series

Type	Unit	DHX 40	DHX 75	DHX 100	DHX 120
Article number for natural gas version		PDX40A0G20	PDX75A0G20	PDX10A0G20	PDX12A0G20
Article number for propane version*		PDX40A0G31	PDX75A0G31	PDX10A0G31	PDX12A0G31
Nominal heat input	kW	40	72	100	120
Nominal heat output	kW	40	72	100	120
Air output	m <sup>3</sup> /h	3900	3900	5900	6800
Throw	m	43	43	51	51
Weight	kg	35	35	45	45
Gas consumption natural gas (G25)	m <sup>3</sup> /h	5.0	8.9	11.8	14.1
Gas consumption natural gas (G20)	m <sup>3</sup> /h	4.2	7.5	10.3	12.3
Gas consumption propane (G31)	kg/h	3.8	5.7	7.9	9.5
Sound level (@ 8 meter)	dB(A)	65	65	70	70

\*Also available for G30 (butane) operation



Rear view DHX 40 and DHX 75



Rear view DHX 100 and DHX 120

## 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 DHX is equipped with a digital control board that can be controlled via a room thermostat or the poultry house computer system through an RT contact.

On the side of the component box, a display is fitted. This allows direct operation of the unit (on/off), monitoring operation status, manual fault reset and switching the unit to (summer) ventilation mode.

<b>On/Off Thermostat – IP794209</b>	: splash-proof, with a temperature range of -20°C to +40°C, 6 Amp.
<b>External alarm set – GA4009</b>	: for adding an external alarm output.
<b>Alarm signal + reset set – GA4012</b>	: for adding an external alarm output and resetting the unit.
<b>0-10V Input control set – GA5906</b>	: for control using a 0-10V signal.
<b>Isolator Switch 230 V, 25 Amp – IK5282</b>	: for disconnecting the power supply during maintenance.



## That's why the Winterwarm DHX is the perfect choice!

With the Winterwarm DHX gas-fired warm air heaters, you choose a reliable heating solution for efficiently heating your livestock building or greenhouse. Whether used as a primary heating system or as a back-up, the units deliver consistent performance.



**Easy maintenance**  
The stainless steel housing is easy and quick to clean

**Dutch product**  
Designed and produced in Winterswijk (NL)

**Minimal investment**  
Affordable purchase price and no costly installation.

**Stable indoor climate**  
Powerful fan for optimal air distribution

**Robust construction**  
Stainless steel casing and robust materials

**High quality standards**  
High quality components and controlled production process

**Reliable**  
Well-known technology with robust components

## 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.



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## 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.



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