



# Domestic Heat Pumps

**clausius**  
*the heat pump specialists*

**Your UK heat pump specialist.**

[clausius.uk](http://clausius.uk)

# Existing Homes & New Builds

Whether you are considering a new build or are upgrading your existing home, the Clausius heat pump range is the first choice for lowering heating bills and reducing your reliance on natural gases.

Clausius heat pumps can reduce your heating costs by a minimum of 40% in comparison to oil and LPG and offer heating, cooling and domestic hot water services. Planning permission is not required and our products have a twenty year 'fit and forget' lifespan with our online monitoring and inspection tools. With the Renewable Heat Incentive you can also generate a guaranteed income for seven years.



CLAUSIUS CLASSIC	CLAUSIUS ELITE
Heating, cooling, 85°C hot water from one compact unit.	Heating, cooling, 85°C hot water with integral heat pump and Clausius cylinder.

- Set to outperform fossil fuel combi boilers.
- Easy installation and compact dimensions; plant room in a box solution.
- Market leading noise reduction enabling flexible plant room location.
- Twenty years 'fit & forget' with online monitoring & inspection.
- Market leading energy efficiency rating CoP 5 ErP A+++ & MCS certified.
- Low starting and running power equipment and easy power network connection.
- 25kW heat pump power from standard single-phase supply.
- 7 year Clausius warranty\* for peace of mind.

\*Ask your local partner for terms & conditions.  
2 year parts & labour + 5 year parts warranty included for all domestic products up to 25kW.



Clausius heat pumps are designed and continuously developed by the leading European refrigeration expert Professor of Engineering José Fernández-Seara, at the University of Vigo in Spain.

The Clausius range is designed and manufactured by thermodynamic experts with over thirty years experience using the latest scientific research, engineering expertise and build quality that incorporates lead brand components.

Our production plant in Europe enables us to achieve highly efficient, premium quality heat pumps at a competitive price. All our heat pumps are MCS accredited and achieve an ErP A+++ rating. Our UK sales and service team are experts in heat pump technology and installation and offer a nationwide network to support installers and specifiers of domestic and commercial builds.

*Rudolph Clausius (1822-1888) was a German physicist, specialising in thermodynamics. He is considered to be one of the first ecologists and predicted 'the future of humanity depends on being able to feed our industries and machines with the only contest of renewable energy'.*

- Market leading ErPA+++ rating
- MCS certified
- Easy integration & monitoring



# Clausius Classic and Elite

## Quick Reference Guide

Innovative. Efficient. Reliable.

		H 1-10** (Classic / Elite)	HC 1-10** (Classic / Elite)	H 3-15 (Classic / Elite)	HC 3-15 (Classic / Elite)	H 5-25 (Classic / Elite)	HC 5-25 (Classic / Elite)
Applications	Heating and DHW	X	X	X	X	X	X
	Passive cooling		X		X		X
	Active cooling		X		X		X
Power (kW)	Heating power <sup>1</sup>	1 - 10	1 - 10	3 - 15	3 - 15	5 - 25	5 - 25
	Cooling power <sup>2</sup>	2 - 12	2 - 12		4 - 16.5		7 - 30
	Electric power <sup>1</sup>	0.2 - 2.6	0.2 - 2.6	0.8 - 3.3	0.8 - 3.3	1.3 - 5.6	1.3 - 5.6
Electrical power supply	230 V 1/N/PE~	X	X	X	X	X	X
	400 V 3/N/PE~					X	X
Performance	COP <sup>1</sup>	5.0	5.0	4.61*	4.61*	5.01*	5.01*
	EER <sup>2</sup>	6.7	6.7		6.8		6.8
Components	Refrigeration unit	RU-H 1-10	RU-H 1-10	RU-H 3-15	RU-H 3-15	RU-H 5-25	RU-H 5-25
	Hydraulic unit	HU-H	HU-HC	HU-H	HU-HC	HU-H	HU-HC
	DHW Tank	External/Integrated (200 litre)					
Refrigerant	Type	R410A					
	Load (kg)	0.9/1.2	0.9/1.2	1.5 / 1.75	1.5 / 1.75	1.8 / 2.1	1.8 / 2.1
	Max. pressure (bar)	42					
Sound level (dB)	-	42					
Weight (kg)	-	160 / 240	160 / 240	163 / 243	174 / 254	168 / 248	179 / 259
Dimensions (mm)	Height x Width x Depth	1020 x 600 x 800 / 1920 x 600 x 800					

1. In accordance with standard EN14511 under conditions 0/-3°C and 30/35°C; 2. In accordance with standard EN14511 under conditions 7/12°C and 30/35°C;  
\* Certified by the Austrian Institute of Technology (AIT) in Austria. \*\* Preliminary data.

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