

Price List

2018



clausius
the heat pump specialists

Your heat pump specialist.

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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.

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

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'.



Classic



MODEL	SKU	Applications	Power	COP ¹ EER ²	EXW Price ³
Clausius Classic H 1-10	110	Heating and DHW	1 - 10 kW	4.8 ----	£7,840
Clausius Classic H 3-15	120	Heating and DHW	3 - 15 kW	4.9 ----	£8,520
Clausius Classic H 5-25	130	Heating and DHW	5 - 25 kW	5.01 ----	£9,780
Clausius Classic HC 1-10	111	Heating and DHW Passive cooling Active cooling	1 - 10 kW 6 kW 4 - 16 kW	4.9 6.5	£9,540
Clausius Classic HC 3-15	121	Heating and DHW Passive cooling Active cooling	3 - 15 kW 6 kW 4 - 16 kW	4.9 6.5	£10,110
Clausius Classic HC 5-25	131	Heating and DHW Passive cooling Active cooling	5 - 25 kW 6 kW 6 - 30 kW	5.01 6.5	£11,360

1. According to EN14511, 0/-3, 30/35 2. According to EN14511, 7/12, 30/35 3. All prices are EX work, EX carriage and EX VAT.



MODEL	SKU	Applications	Power	COP ¹ EER ²	EXW Price ³
Clausius Elite H 1-10	210	Heating DHW, 200L tank	1 - 10 kW	4.8 ----	£9,300
Clausius Elite H 3-15	220	Heating DHW, 200L tank	3 - 15 kW	4.9 ----	£10,210
Clausius Elite H 5-25	230	Heating DHW, 200L tank	5 - 25 kW	5.01 ----	£11,230
Clausius Elite HC 1-10	211	Heating DHW, 200L tank Passive cooling Active cooling	3 - 15 kW 6 kW 4 - 16 kW	4.9 6.5	£10,910
Clausius Elite HC 3-15	221	Heating DHW, 200L tank Passive cooling Active cooling	3 - 15 kW 6 kW 4 - 16 kW	4.9 6.5	£11,600
Clausius Elite HC 5-25	231	Heating DHW, 200L tank Passive cooling Active cooling	5 - 25 kW 6 kW 6 - 30 kW	5.01 6.5	£12,620

1. According to EN14511, 0/-3, 30/35 2. According to EN14511, 7/12, 30/35 3. All prices are EX work, EX carriage and EX VAT.

Strong 7-50



MODEL	SKU	Applications	Power	COP ¹ EER ²	EXW Price ³
Clausius Strong H 7-50	310	Heating	7 - 50 kW	4.8 ----	£17,010
Clausius Strong H 7-50 PC	311	Heating Passive cooling	7 - 50 kW 20 kW	4.8 ----	£19,280
Clausius Strong H 7-50 DS	312	Heating Desuperheater	7 - 50 kW ----	4.8 ----	£18,940
Clausius Strong H 7-50 PC DS	313	Heating Passive cooling Desuperheater	7 - 50 kW 20 kW ----	4.8 ----	£20,420
Clausius Strong HC 7-50	314	Heating Active cooling	7 - 50 kW 9 - 52 kW	4.8 6.7	£18,150
Clausius Strong HC 7-50 PC	315	Heating Active cooling Passive cooling	7 - 50 kW 9 - 52 kW 20 kW	4.8 6.7	£20,420
Clausius Strong HC 7-50 DS	316	Heating Active cooling Desuperheater	7 - 50 kW 9 - 52 kW ----	4.8 6.7	£20,080
Clausius Strong HC 7-50 PC DS	317	Heating Active cooling Passive cooling Desuperheater	7 - 50 kW 9 - 52 kW 20 kW ----	4.8 6.7	£21,560

1. Pending approval according to EN14511, 0/-3, 30/35 2. Pending approval according to 7/12, 30/35 3. All prices are EX work, EX carriage and EX VAT.

Strong 12-75

clausius

MODEL	SKU	Applications	Power	COP ¹ EER ²	EXW Price ³
Clausius Strong H 12-75	410	Heating	12 - 75 kW	4.8 ----	£21,790
Clausius Strong H 12-75 PC	411	Heating Passive cooling	12 - 75 kW 20 kW	4.8 ----	£24,290
Clausius Strong H 12-75 DS	412	Heating Desuperheater	12 - 75 kW 30 kW	4.8 ----	£24,830
Clausius Strong H 12-75 PC DS	413	Heating Passive cooling Desuperheater	12 - 75 kW 20 kW 30 kW	4.8 ----	£25,650
ClausiusStrong HC 12-75	414	Heating Active cooling	12 - 75 kW 14 - 78 kW	4.8 6.7	£23,380
Clausius Strong HC 12-75 PC	415	Heating Active cooling Passive cooling	12 - 75 kW 14 - 78 kW 20 kW	4.8 6.7	£25,880
Clausius Strong HC 12-75 DS	416	Heating Active cooling Desuperheater	12 - 75 kW 14 - 78 kW 30 kW	4.8 6.7	£25,430
Clausius Strong HC 12-75 PC DS	417	Heating Active cooling Passive cooling Desuperheater	12 - 75 kW 14 - 78 kW 20 kW 30 kW	4.8 6.7	£27,250

1. Pending approval according to EN14511, 0/-3, 30/35 2. Pending approval according to 7/12, 30/35 3. All prices are EX work, EX carriage and EX VAT.

Heat Pumps HIGH POWER



MODEL	SKU	Applications	Power	COP ¹ EER ²	EXW Price ³
Clausius Strong H 7-100	510	Heating	7 - 100 kW	4.8 ----	£27,700
Clausius Strong H 7-100 DS	511	Heating Desuperheater	7 - 100 kW 40 kW	4.8 ----	£30,660
Clausius Strong HC 7-100	512	Heating Active cooling	7 - 100 kW 9 - 104 kW	4.8 6.7	£29,290
Clausius Strong HC 7-100 DS	513	Heating Active cooling Desuperheater	12 - 75 kW 9 - 104 kW 40 kW	4.8 6.7	£32,360

1. Pending approval according to EN14511, 0/-3, 30/35 2. Pending approval according to 7/12, 30/35 3. All prices are EX work, EX carriage and EX VAT.



MODEL	SKU	Applications	Power	COP ¹ EER ²	EXW Price ³
Clausius Strong H-12-150	514	Heating	12 - 150 kW	4.8 ----	£37,370
Clausius Strong H 12-150 DS	515	Heating Desuperheater	12 - 150 kW 60 kW	4.8 ----	£41,690
Clausius Strong HC 12-150	516	Heating Active cooling	12 - 150 kW 14 - 156 kW	4.8 6.7	£40,780
Clausius Strong HC 12-150 DS	517	Heating Active cooling Desuperheater	12 - 150 kW 14 - 156kW 60 kW	4.8 6.7	£45,330

1. Pending approval according to EN14511, 0/-3, 30/35 2. Pending approval according to 7/12, 30/35 3. All prices are EX work, EX carriage and EX VAT.



SKU

EXW Price¹

900

Internet connection kit

£570



901

Visualization kit

£440



902

Control thermostat, Th-Tune

£200



903

Temperature probe, NTC

£20



904

Terminal pGD

£270



600
601

Electrical heaters for Clausius DHW tanks,
1500W / 2000W, including thermostat

£70
£90

1. All prices are EX work, EX carriage and EX VAT.

Heat Pumps DHW TANKS for DESUPERHEATER

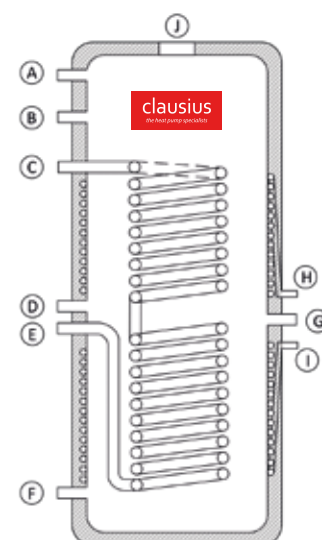
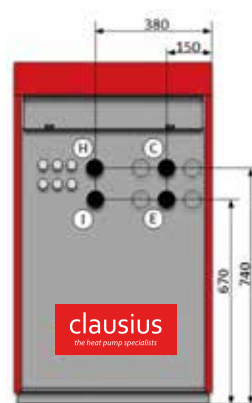
DHW temperature up to 80/85°C. Stainless steel AISI 444 tanks with external aluminum coil, suitable with CLAUSIUS CLASSIC Domestic Heat Pumps provided under request, with the refrigerant connections and the DHW production control system.

MODEL	SKU	Capacity (litres)	Ø outside (mm)	Height (mm)	Weight (kg)	EXW Price ¹
Clausius DHW-DS 250	602	248	580	1545	69	£2,800
Clausius DHW-DS 300	603	297	650	1405	79	£3,050
Clausius DHW-DS 500	604	455	650	2005	121	£3,850

1. All prices are EX work, EX carriage and EX VAT.

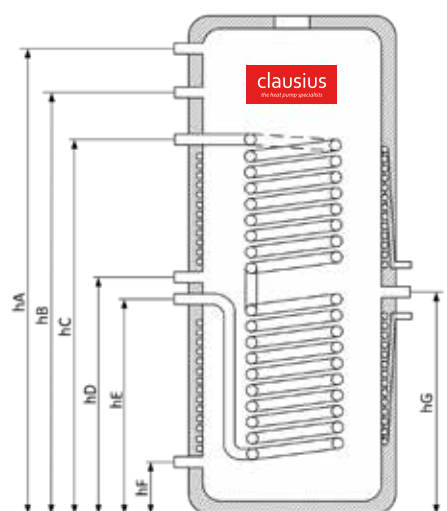
Connections and dimensions

CONNECTION	Description
A	Hot water flow
B	Safety valve PT
C	Indoor coil input (water)
D	Control temperature probe
E	Indoor coil output (water)
F	Cold water flow
G	Support resistance with thermostat
H	Cooling coil input
I	Cooling coil output
J	Maximum temperature Thermostat



MODEL	SKU	A	B	C	D	E	F	G	H - I	J
Clausius DHW-DS 250	602	3/4"	1/2"	1"	3/4"	1"	3/4"	1 1/4"	3/8"- 1/4" (refrigerant)	1"
Clausius DHW-DS 300	603	3/4"	1/2"	1"	3/4"	1"	3/4"	1 1/4"	3/8"- 1/4" (refrigerant)	1"
Clausius DHW-DS 500	604	1"	1/2"	1"	3/4"	1"	1"	1 1/4"	3/8"- 1/4" (refrigerant)	1"

MODEL	SKU	hA (mm)	hB (mm)	hC (mm)	hD (mm)	hE (mm)	hF (mm)	hG (mm)
Clausius DHW-DS 250	602	1469	1341	696	830	177	89	1086
Clausius DHW-DS 300	603	1315	1172	621	772	221	92	1086
Clausius DHW-DS 500	604	1927	1784	1515	772	621	92	1086



Isolation and finishes

High density Polyurethane isolation with 55mm thickness.

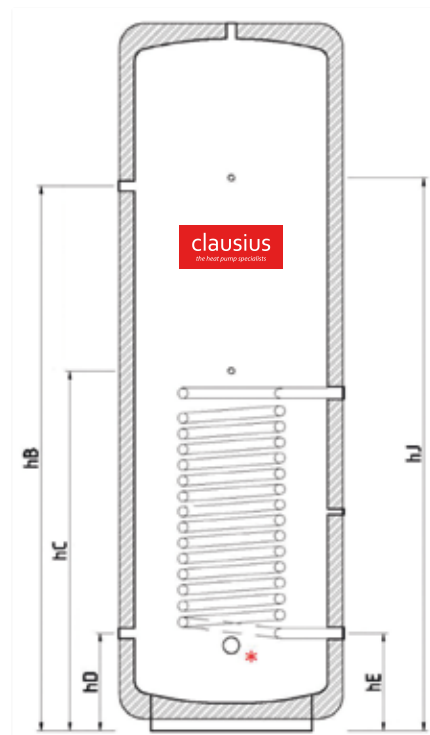
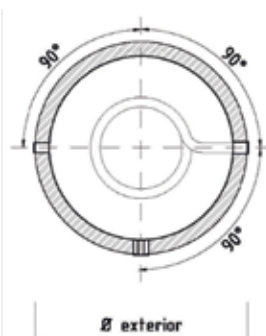
Outside finish in white metal sheet.

MODEL	SKU	Capacity (litres)	Ø outside (mm)	Height (mm)	Exchange surface (m ²)	EXW Price ¹
Clausius DHW 200	605	200	580	1280	2,55	£1,300
Clausius DHW 300	606	300	580	1780	3,35	£1,800
Clausius DHW 500	607	500	800	1710	4,71	£2,820
Clausius DHW 750*	608	750	800	1920	7	£5,050
Clausius DHW 1000*	609	1000	930	1985	9	£6,380

*with Manhole 1. All prices are EX work, EX carriage and EX VAT.

Dimensions

MODEL	SKU	hB (mm)	hC (mm)	hD (mm)	hE (mm)	hJ (mm)
Clausius DHW 200	605	-	500	240	240	970
Clausius DHW 300	606	1355	895	245	245	1375
Clausius DHW 500	607	1310	890	310	310	1240
Clausius DHW 750	608	1470	1120	320	320	1475
Clausius DHW 1000	609	1505	1155	355	355	1505



* Electrical Heater optional;
Models: 1500 W o 2000 W.

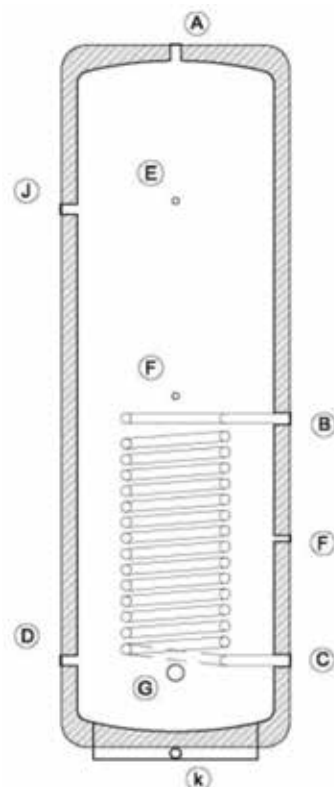
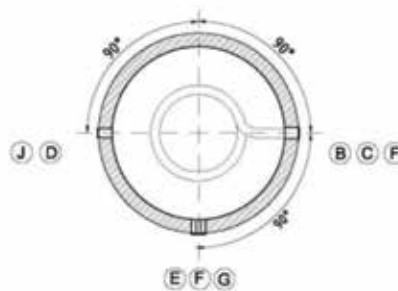
Connections and working conditions

MODEL	SKU	A	B-C	D	E-F	G	J	K	Max. pressure (bar)	Max. Temp. (°C)
Clausius DHW 200	605	¾"	1"	¾"	½"	1 ¼"	-	-	8	90
Clausius DHW 300	606	¾"	1"	¾"	½"	1 ¼"	¾"	½"	8	90
Clausius DHW 500	607	1 ¼"	1 ¼"	1 ¼"	½"	-	1 ¼"	1"	8	90
Clausius DHW 750	608	1 ¼"	1 ¼"	1 ¼"	½"	-	1 ¼"	1"	8	90
Clausius DHW 1000	609	1 ¼"	1 ¼"	1 ¼"	½"	-	1 ¼"	1"	8	90

Isolation and finishes

Flexible Polyurethane isolation, with density of 25 kg/m³ and 50mm thickness.

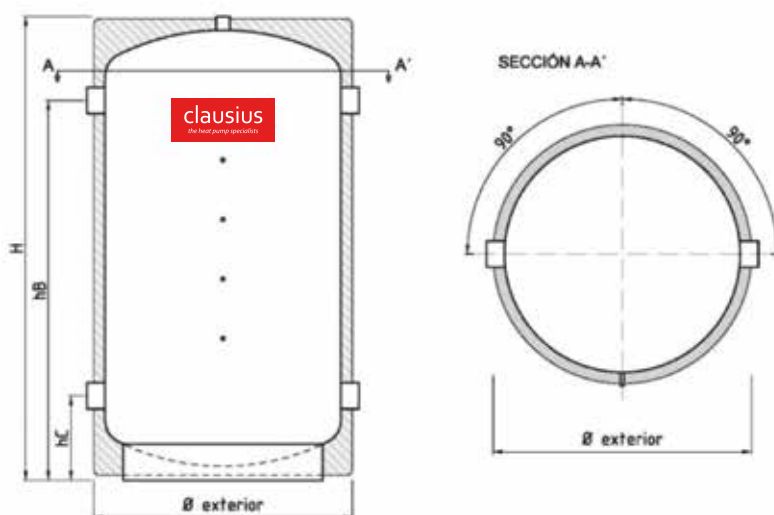
Outside finish in grey, blue or white coated aluminium.



MODEL	SKU	Capacity (litres)	Ø outside (mm)	Height (mm)	Curb weight (kg)	EXW Price ¹
Clausius BUFFER 80	700	80	480	850	45	£670

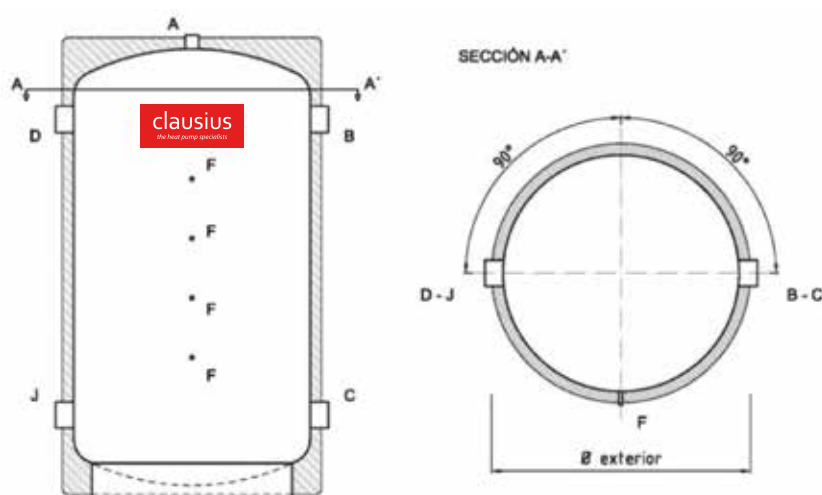
1. All prices are EX work, EX carriage and EX VAT.

Dimensions



MODEL	SKU	Ø outside (mm)	H (mm)	hB (mm)	hC (mm)
Clausius BUFFER 80	700	480	850	575	300

Connections and working conditions



MODEL	SKU	A-B-C-D-J	F	Max. pressure (bar)	Max. Temp (°C)
Clausius BUFFER 80	700	1"	½"	8	90

Isolation and finishes

Flexible Polyurethane isolation, with density of 25 kg/m³ and 50mm thickness.

Outside finish in grey, blue or white coated aluminium.

Circulation pumps for **domestic heat pumps**

MODEL	SKU		EXW Price ¹
Wilo Stratos PARA 25/1-9	810	Threaded connection, DN 1" L between connections = 180 mm Power, 1~230 V, 50/60 Hz 1-10 V Control integrated	£490
Wilo Stratos PARA 25/1-11	811	Threaded connection, DN 1" L between connections = 180 mm Power, 1~230 V, 50/60 Hz 1-10 V Control integrated	£670
Wilo Stratos PARA 25/1-12	812	Threaded connection, DN 1" L between connections = 180 mm Power, 1~230 V, 50/60 Hz 1-10 V Control integrated	£990

1. All prices are EX work, EX carriage and EX VAT.

Circulation pumps for **high power heat pumps**

MODEL	SKU		EXW Price ¹
Wilo Stratos 40/1-12	820	Flange connection, DN 40 L between connections = 250 mm Power, 1~230 V, 50/60 Hz H = 12 m	£2,350
Wilo Stratos 40/1-16	821	Flange connection, DN 40 L between connections = 250 mm Power, 1~230 V, 50/60 Hz H = 16 m	£3,070
Wilo Stratos 50/1-12	830	Flange connection, DN 50 L between connections = 280 mm Power, 1~230 V, 50/60 Hz H = 12 m	£3,160
Wilo Stratos 40/1-16	831	Flange connection, DN 50 L between connections = 340 mm Power, 1~230 V, 50/60 Hz H = 16 m	£4,120

1. All prices are EX work, EX carriage and EX VAT.

Control module 0-10 V for Wilo Stratos 40 y Wilo Stratos 50 circulation pumps.

MODEL	SKU		EXW Price ¹
Module IF-Off. Ext.	800	Insertable module for control input 0-10 V	£230

1. All prices are EX work, EX carriage and EX VAT.

Titanium Heat Exchangers for **swimming pools**

MODEL	SKU		EXW Price ¹
Heat Exchanger for swimming pool. Heat Pumps 3-15 kW	710	Titanium, 15 plates	£2,600
Heat Exchanger for swimming pool. Heat Pumps 5-25 kW	711	Titanium, 25 plates	£3,170

1. All prices are EX work, EX carriage and EX VAT.

Titanium or Stainless Steel Heat Exchangers for **open loop systems**

MODEL	SKU		EXW Price ¹
Heat Exchanger for open loop systems. Heat Pumps 3-15 kW	712	Titanium, 20 plates	£2,780
Heat Exchanger for open loop systems. Heat Pumps 5-25 kW	713	Titanium, 35 plates	£3,420
Heat Exchanger for open loop systems. Heat Pumps 3-15 kW	714	Stainless steel, 22 plates	£1,730
Heat Exchanger for open loop systems. Heat Pumps 5-25 kW	715	Stainless steel, 38 plates	£2,230

1. All prices are EX work, EX carriage and EX VAT.

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Innovative. Efficient. Reliable.

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