



our heat pumps

High quality, efficient and inexpensive



heatrex system overview 2024

Heat pumps with the best price-performance ratio



for a better future: **Efficiency & Sustainability.**

Making environmentally friendly heating financially possible for every household - that is our vision. Quality should not suffer in any way, but should meet the highest German quality standards. We are there for our customers and offer a complete service for our heat pumps. You will receive detailed and comprehensive advice from the moment you place your order right through to installation.

We want to revolutionize the market for heat pumps. Our claim: fast delivery times, high-quality heat pumps, great design and customer-friendly prices.

heatrex offers three product categories for this purpose: The inexpensive Eco line, the particularly environmentally friendly Eco variant and the Premium segment.

heat pump: heatrex® Eco

1.

heatrex Eco9-lwb

Up to 120 square meters / heating & cooling
Dimensions (LxDxH): 1187x418x805



9 KW

- For new constructions and modernizations
- Energy efficiency class A+++
- Environmentally friendly refrigerant R290
- Housing made of high quality aluminum
- Factor 5 Efficiency (COP 5)
- Smart Home Ready
- Bivalent design
- SG Ready
- DC inverter technology

2.

heatrex Eco15-lwb

From 121 to 300 square meters / heating & cooling
Dimensions (LxDxH): 1285x488x904



15 KW

- For new constructions and modernizations
- Energy efficiency class A+++
- Environmentally friendly refrigerant R290
- Housing made of high quality aluminum
- Factor 5 Efficiency (COP 5)
- Smart Home Ready
- Bivalent design
- SG Ready
- DC inverter technology

3.

heatrex Eco22-lwb

From 301 to 450 square meters / heating & cooling
Dimensions (LxDxH): 1187x488x145



22 KW

- For new constructions and modernizations
- Energy efficiency class A+++
- Environmentally friendly refrigerant R290
- Housing made of high quality aluminum
- Factor 5 Efficiency (COP 5)
- Smart Home Ready
- Bivalent design
- SG Ready
- DC inverter technology

Inexpensive and
efficient for new
and old buildings.

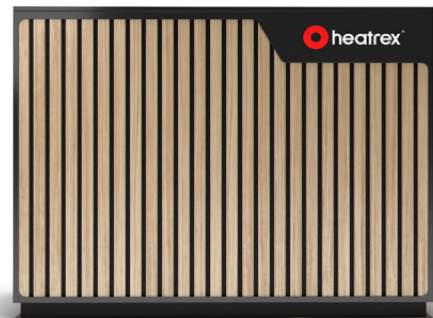


heat pump: heatrex® Öko

1.

heatrex Öko9-lwb

Up to 120 square meters / heating & cooling
Dimensions (LxDxH): 1187x418x805



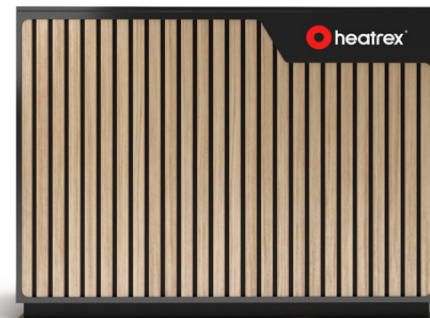
15 KW

- For new constructions and modernizations
- Housing made from recycled material
- Save the Rainforest*
- Energy efficiency class A+++
- Environmentally friendly refrigerant R290
- Factor 5 Efficiency (COP 5)
- Smart Home Ready
- Bivalent design
- SG Ready
- DC inverter technology

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heatrex Öko15-lwb

From 121 to 300 square meters / heating & cooling
Dimensions (LxDxH): 1285x488x904



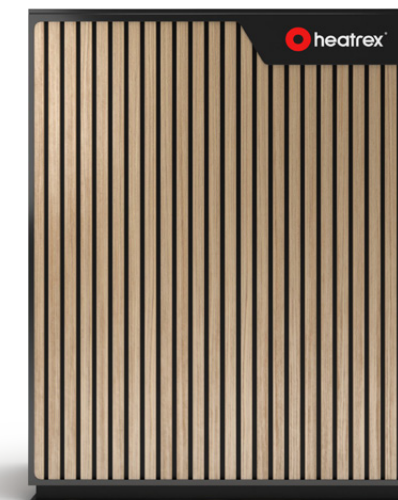
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heatrex Öko22-lwb

From 301 to 450 square meters / heating & cooling
Dimensions (LxDxH): 1187x488x145



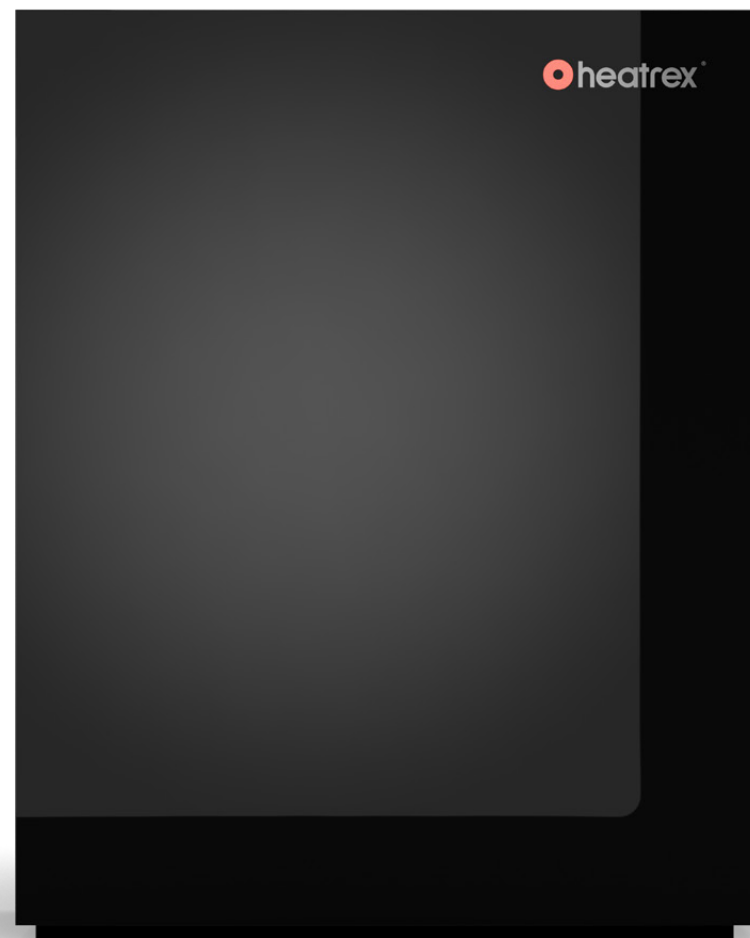
22 KW

- For new constructions and modernizations
- Housing made from recycled material
- Save the Rainforest*
- Energy efficiency class A+++
- Environmentally friendly refrigerant R290
- Factor 5 Efficiency (COP 5)
- Smart Home Ready
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- SG Ready
- DC inverter technology

Ecological
design meets
Efficiency.

* With every purchase you protect 1 square meter of rainforest

heat pump: heatrex® Premium



Timeless elegance
& efficiency for the
highest requirements.

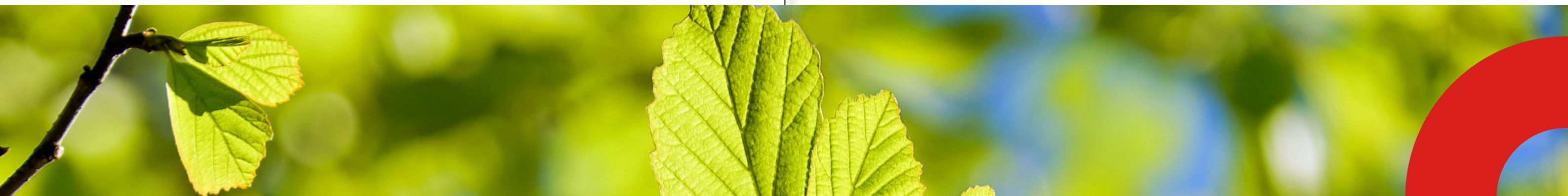
heatrex Premium22-lwb

From 301 to 450 square meters / heating & cooling

Dimensions (LxDxH): 1187x488x145

22 KW

- For new constructions and modernizations
- Housing made of high quality aluminum
- Energy efficiency class A+++
- Environmentally friendly refrigerant R290
- Factor 5 Efficiency (COP 5)
- Smart Home Ready
- Bivalent design
- SG Ready
- DC inverter technology



heatrex® heat pumps

Complete systems: All inclusive



With all heatrex heat pump systems all pipes, connections, cables and the water water buffer tanks are included. There are no hidden additional costs.

Compact outdoor and indoor unit

Our heat pumps are both efficient and space-saving. The indoor unit for control is one of the smallest in the entire heat pump range. The buffer water tank also takes up little space and rounds off the complete range.

Quiet operation mode

The heatrex SilentAirFlow technology makes our heat pumps the quietest in their class. They are therefore also suitable for densely built-up residential areas.

Ready for PV systems (SG Ready)

All heatrex heat pumps are PV-ready and can be linked to a photovoltaic system. This makes them almost completely self-sufficient in terms of energy.

Smart Home Ready

Thanks to their smart home capability, you can easily connect heatrex heat pumps to common systems such as Google Assistant, Alexa, Siri or Cortana.

Unrivalled heatrex customer service

Thanks to our experienced partners, we can offer reliable customer service 365 days a year.

Latest, innovative technology

The heatrex air-to-water heat pumps belong to a new generation of heat pumps, which, thanks to the sustainable R290 refrigerant, are particularly sustainable and have a very low global warming potential.

Suitable also for old buildings

The efficient heatrex technology enables very high flow temperatures. This means that our heat pumps are also interesting for renovating heating systems in old buildings and represent an ideal overall system solution.

Up to 15 years guarantee

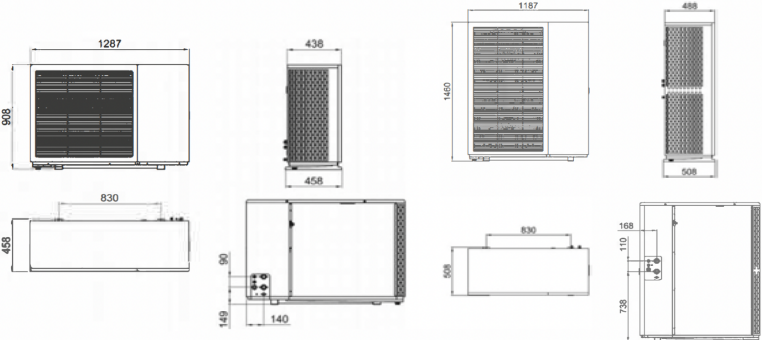
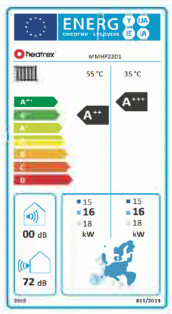
We trust our quality. If you wish, we can therefore offer you a warranty extension from 5 to 15 years if you conclude a maintenance contract with us.

Bivalent design

The bivalent design makes it possible to combine different heat sources in heating Technology. This increases efficiency and reliability. For example, in a poorly insulated building, a gas boiler can be combined with the heat pump as a second heating system, However, this only kicks in in an emergency if the heat pumps power is not sufficient.

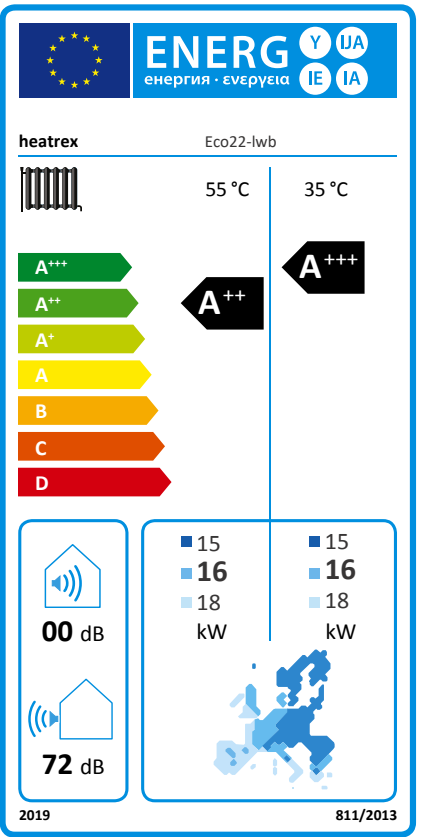
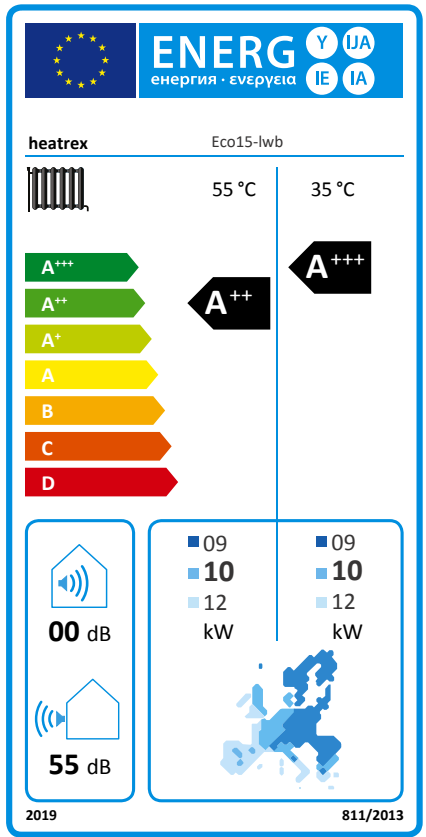
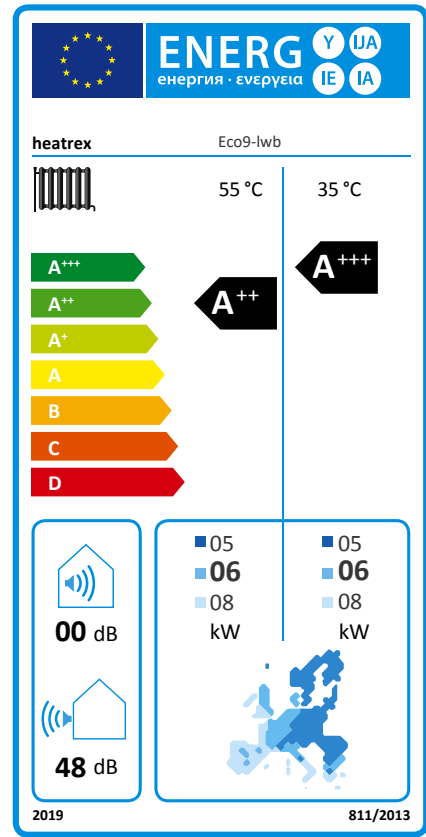
heatrex®

Technical data sheets



Model	Unit	Eco9-lwb	Eco15-lwb2	Eco22-lwb2	Eco15-lwb3	Eco22-lwb3
Power Supply	/	220-240~/50Hz	220-240~/50Hz	220-240~/50Hz	380-415/3N~/50Hz	380-415/3N~/50Hz
Test standard: EN14511 Ambient temperature: 7°C/6°C (DB/WB), water inlet/outlet: 30°C/35°C						
Heating Capacity Min./Max	kW	2,92- 9,10	4.30- 15.20	7.24- 21.90	4.30-15.20	7.24-21.90
Power Consumption Min./Max	kW	0.61-2.11	0.87-3.73	1.50-5.88	0.87-3.73	1.50-5.88
Nominal Heating Capacity	kW	6,23	12,05	18,01	12,05	18,01
COP	/	4.31~5.66	4.07~5.57	3.82~5.59	4.07~5.57	3.82~5.59
Test standard: EN14511 Ambient temperature: 7°C/6°C (DB/WB), water inlet/outlet: 47°C/55°C						
Heating Capacity Min./Max	kW	2.99- 8.16	4.25- 14.55	6.36- 19.45	4.25-14.55	6.36-19.45
Power Consumption Min./Max	kW	1.03-2.92	1.45-4.28	2.15-6.87	1.45-4.28	2.15-6.87
Nennheizleistung	kW	6,12	12,18	18	12,18	18
COP	/	2.79~3.46	2.83~3.45	2.84~3.57	2.83~3.45	2.84~3.57
Test standard: EN14511 Ambient temperature: 35°C/24°C (DB/WB), water inlet/outlet: 12°C/7°C						
Cooling Capacity Min./Max	kW	1.38- 5.7	3.65- 11.04	4.55- 17.20	3.65-11.04	4.55-17.20
Power Consumption Min./Max	kW	0.67-2.44	1.12-3.97	1.85-7.31	1.12-3.97	1.85-7.31
Nominal Cooling Capacity	kW	4,56	8,23	14,32	8,23	14,32
EER	/	2,67	2,59	2,44	2,59	2,44
Energy Efficiency Class at 35°C	/	A+++	A+++	A+++	A+++	A+++
Energy Efficiency Class at 55°C	/	A++	A++	A++	A++	A++
Operating Range	°C	-25~35	-25~35	-25~35	-25~35	-25~35
Water Outlet Temperature Range	°C	20~75	20~75	20~75	20~75	20~75
Operating mode: Cooling						
Operating Range	°C	15-45	15-45	15-45	15-45	15-45
Water Outlet Temperature Range	°C	5~25	5~25	5~25	5~25	5~25
Operating mode: DHW						
Operating Range	°C	-25~45	-25~45	-25~45	-25~45	-25~45
Water Outlet Temperature Range	°C	20~65	20~65	20~65	20~65	20~65
Test standard: EN12102-2022, ambient temperature: 7 °C, water outlet: 35 °C						
Sound Pressure Level at 3m	dB(A)	42	52	53	54	55

Model	Unit	Eco9-lwb	Eco15-lwb	Eco22-lwb	Eco15-lwb3	Eco22-lwb3
Power Supply	/	220-240~/50Hz	220-240~/50Hz	220-240~/50Hz	380-415/3N~/50Hz	380-415/3N~/50Hz
Test standard: EN12102-2022, ambient temperature: 7 °C, water outlet: 55 °C						
Sound Pressure Level at 3m	dB(A)	42	52	53	54	55
Fan Motor Type	/	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
Compressor	/	Highly / DC inverter / Rotary / EVI				
Refrigerant Type	/	R290	R290	R290	R290	R290
Operating Pressure (Low Side)	MPa	0,8	0,8	0,8	0,8	0,8
Operating Pressure (High Side)	MPa	3,9	3,9	3,9	3,9	3,9
Maximum Allowable Pressure	MPa	3,2	3,2	3,2	3,2	3,2
CO2 Equivalent		0.0017 t	0.0027t	0.0027t	0.0042t	0.0042t
Expansion Vessel	L	6	6	8	6	8
Water Pressure Drop	kPa	20		55	20	55
Water Pressure Min./Max	MPa	0.1/0.3	0.1/0.3	0.1/0.3	0.1/0.3	0.1/0.3
Water Flow	m³/h	1	2,06	3,1	2,06	3,1
Net Weight	Kg	110	134	134	134	134





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