

“We believe in
nature’s energy.”

Our mission: To make heating even more sustainable

Climate change is one of the greatest challenges of our time. We need to find new ways to make our energy networks more sustainable. Avoiding fossil fuels in favour of renewables is a vital step in this direction. Around 75 per cent of the energy consumed in private households is used for heating – mostly via inefficient and outdated heating systems that use environmentally harmful energy sources such as oil or gas.

For a viable future

Since 1998, we have been developing and producing innovative heat pumps that enable environmentally friendly and energy-saving heating, cooling and hot water preparation. From single-family homes to apartment buildings, commercial and industrial properties and entire housing estates – alpha innotec heat pumps help to reduce CO₂ emissions and create a sustainable and viable future.

Let's tackle the challenge of climate change together – you can depend on our know-how and the first-class quality of our products!



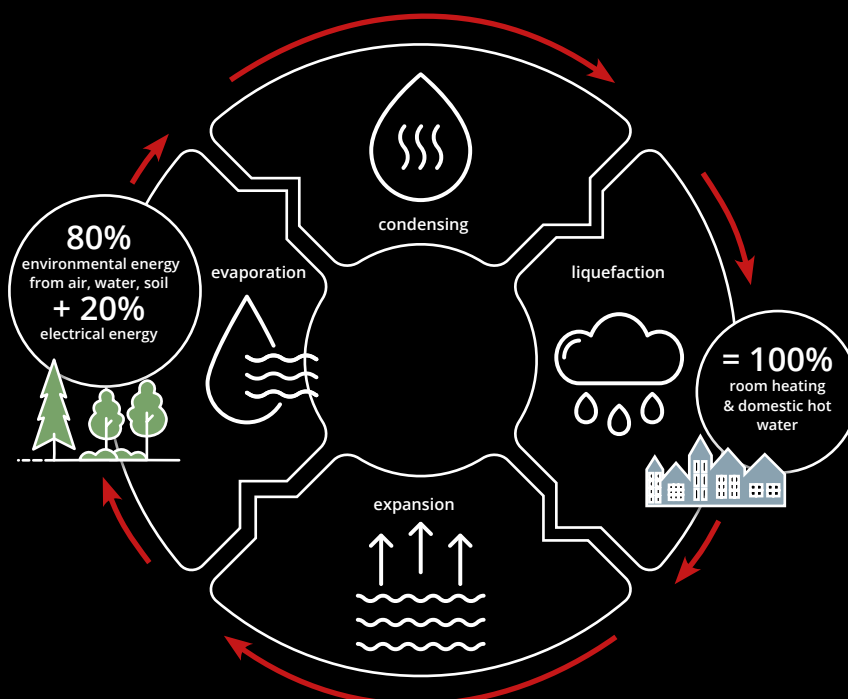
Simply ingenious: Energy from air, soil and water

Together with alpha innotec

Heat pumps use energy extremely efficiently: they draw heat from the ground, air or from water and release it as heating energy. Even at sub-zero temperatures, they can extract enough stored solar energy from the environment to heat buildings and supply them with hot water in an environmentally friendly way. Some models also include a cooling function for pleasant room temperatures in hot weather.

alpha innotec heat pumps obtain around 80 per cent of the energy they need from renewable sources and thus make a decisive contribution to climate protection.

The innovative **ground source heat pumps** from alpha innotec conduct the heat from the ground via probes or collectors and transfer it to an evaporator or heat exchanger. The recovered heat is used for heating and hot water production. These systems use modern inverter technology to ensure that no excess energy is produced. The heat pump's output is thus continuously adjusted to meet the current demand.





We have the right solution

Whether for single-family houses, apartment blocks or commercial and industrial buildings – air/water heat pumps are an effective and energy-efficient solution both for new buildings and for refurbishment and modernisation projects. alpha innotec is your competent partner for holistic and future-proof energy concepts – with innovative and high-quality products to meet every challenge.

- 1** Heat pumps for single-family houses
- 2** Heat pumps for apartment buildings
- 3** Heat pumps for residential units
- 4** Heat pumps for commercial properties
- 5** Heat pumps for industry



Air/water heat pumps

Perfect for your building

INDOOR INSTALLATION



Paros – air/water heat pumps, inverter-driven
 Heating water temperatures of up to +60 °C.
 Recommended total building power requirement
 4 – 5 kW *



LW – air/water heat pump
 Heating water temperatures of up to 60°C.
 Recommended total building power requirement 16 – 30 kW *



LWV/LWCV – air/water heat pump, inverter-driven
 Heating water temperatures of up to 60°C.
 Recommended total building power requirement 10 – 12 kW *



LW161H/V – air/water heat pump, inverter-driven
 Heating water temperatures of up to 65°C.
 Recommended total building power requirement 16 – 19 kW *

OUTDOOR INSTALLATION



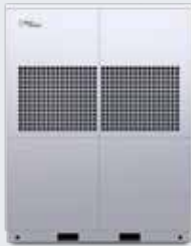
LW A – air/water heat pumps

Standard series, heating water temperatures of up to 60°C.
Weather-resistant aluminium housing.
Recommended total building power requirement 16 – 33 kW *



Eco Line Split – air/water heat pumps

Heating water flow temperatures of up to 58°C recommended.
Recommended total building power requirement 4 – 10 kW *



LWP – air/water heat pump

Heating water temperatures of up to 65°C.
With optional cooling function. Built-in hydraulics.



JERSEY – air/water heat pumps

Outdoor wall unit, heating water temperatures of up to 58°C. Weather-resistant aluminium housing.
Recommended total building power requirement 7 – 9 kW *



LWD/LWDV – air/water heat pumps, inverter-driven

Outdoor wall unit, heating water temperatures of up to 70°C. Weather-resistant aluminium housing.
Recommended total building power requirement 8 – 11 kW *



LW 161H-AV – air/water heat pump, inverter-driven

Heating water temperatures of up to 65°C.
Weather-resistant aluminium housing.
Recommended total building power requirement 16 – 19 kW *



LWAV+ – air/water heat pumps, inverter-driven

Heating water temperatures of up to 60°C.
Low-noise, weather-resistant aluminium housing.
Recommended total building power requirement 7 – 12 kW *



LWAV – air/water heat pumps, inverter-driven

Heating water temperatures of up to 60°C.
Weather-resistant aluminium housing.
Recommended total building power requirement 7 – 12 kW *

*The recommended total building power requirement is the approximate sum of the building heating load, the power required to provide domestic hot water, possible off-time factors and capacities for special uses (e.g. swimming pool).

First-class quality meets sustainability

Together with alpha innotec

Many years of experience, intensive research and development and rock-solid craftsmanship make every alpha innotec heat pump a top-quality “Made in Germany” product. You can depend on that. Both today and in the future.

Climate-friendly heat pumps are at the centre of what we do – and have been since 1998. This expertise is evident in our products: alpha innotec heat pumps stand for maximum energy efficiency, innovation, quality, reliability as well as simple installation and operation. In our research and development centre in Kasendorf, Franconia, we work hard every day to make our products even better.

We prepare our heat pumps for daily use in our **in-house laboratories and state-of-the-art test facilities (including climate chambers and sound measurement rooms).**

Through consistent quality assurance and our work with independent testing institutes, we ensure that our products meet all relevant standards and regulations – from ISO9001 to the European Seal of Quality for heat pumps.

For our partners, we offer qualified training sessions and courses to keep them up to date on our latest technical innovations and product updates as well as the current regulations. In this way, we make sure our customers receive a product that meets all requirements when it comes to ecological and financial sustainability – and with which they are completely satisfied.





Subsidies

Subsidies and financing options for efficient buildings

By adapting the available subsidy schemes to our climate protection package, we have made the current subsidies on heat pumps even more attractive. In the best case, a **45% subsidy** is available on the entire heating system. Furthermore, alpha innotec offers a **subsidy service** to help you claim the maximum available funding.



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Compact and economical: Jersey

The inexpensive introduction to the world of environmentally friendly heat pump technology – ideal for use in single-family houses.

COOLING
INCLUDED



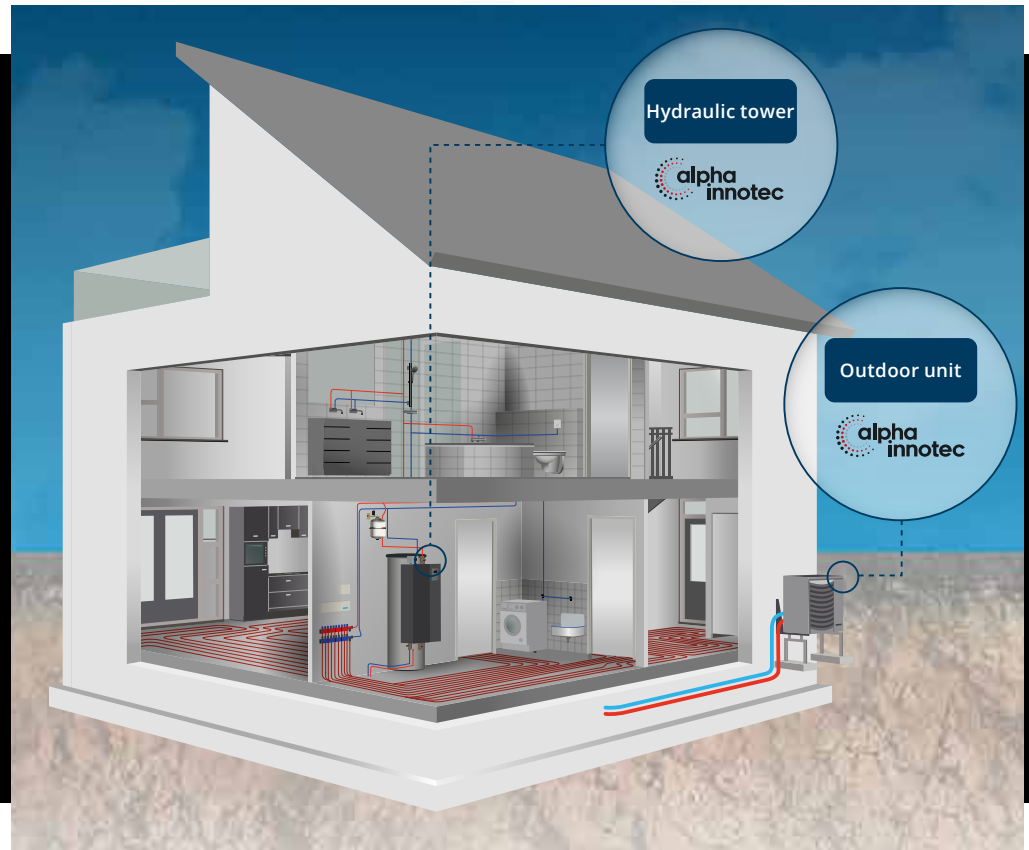
Your benefits at a glance

- + Smart plug & play solution
- + Lightweight, compact dimensions
- + Flexible installation (no safety zone required)
- + Soundproof housing
- + Silent mode for nighttime operation
- + Operates at temperatures down to -20 °C
- + Ideal for new buildings and refurbishment projects



Only as much energy as needed

This inverter-driven heat pump automatically adjusts its performance to the energy demands of the house. The efficient control system intelligently regulates the room climate – whether it is heating in the winter or cooling in the summer.



Fits almost anywhere

The heat pump can be flexibly installed thanks to its modular system: It is not necessary to maintain any clearance to e.g. windows or light wells and the compact indoor and outdoor units can be installed quickly and easily.

Easy to customise via USB

Once you have adjusted the settings, you can easily save them and then transfer them to other units via USB – this saves time if you are, for example, installing heat pumps in several identical houses on a new housing estate.



Jersey

Type	Performance data					Unit					
	Heating power		COP		Sound power level max./night [dB(A)]	Hermetically sealed	Refrigerant			Max. flow temperature [°C]	Dimensions W x D x H [mm]
A-7 / W35 min./max. full load [kW]	A2 / W35 partial load [kW]	A-7 / W35 full load	A2 / W35 partial load	Filling volume [kg]			Type	GWP value			
Jersey 5-1	1.69 / 4.64	2.32	2.57	4.2	62 / 48	✓	1.5	R410A	2088	60	995 x 453 x 891
Jersey 7-1	2.1 / 7.21	5.11	2.68	3.76	62 / 55	✓	2.55	R410A	2088	60	1055 x 534 x 916

Versatile and future-proof: **LWD/LWDV**

This air/water heat pump benefits from our more than 10 year's of experience with the natural refrigerant propane R290 – providing you with environmentally friendly heating in the winter and cooling in the summer.

**COOLING
INCLUDED**



Your benefits at a glance

- + CO₂-neutral thanks to the use of a natural refrigerant
- + Heating, cooling and domestic hot water
- + Quick and easy to install
- + Also suitable for wall mounting
- + Can be operated within a heat pump cascade
- + Soundproof housing
- + Ideal for new-builds, refurbishment projects and to replace older models



Ready for all situations

In building projects with a higher energy demand, e.g. multi-family houses, multiple heat pumps can be combined (heat pump cascade) and it is even possible to integrate them with solar thermal energy systems.

Quick and easy to install

The commissioning assistant, built-in hydraulic module and pre-assembled connection system ensure that this heat pump is particularly easy to install, while the monoblock design means that a refrigeration certificate is not required.



Extremely low noise emissions

The heat pump is extremely quiet thanks to its low-noise housing and innovative silent mode. This means it is also ideal for use on small plots where neighbours are close by.



hydraulic modul



hydraulic tower

LWD/LWDV

Type	Performance data				Unit						
	Heating power		COP full load operation A2/W35	Sound power level max./night	Hermetically sealed	Refrigerant		Silent mode	Max. flow temperature	Dimensions W x D x H	
	A-7/W35 min./max.	A2/W35 min./max.				Type	[kg]				
[kW]	[kW]	[dB(A)]	[°C]	[mm]							
LWD 50	— / 4.6	— / 5.6	3.80	57 / 57	✓	0.95	R290	✓	—	70	1320 x 505 x 930
LWD 70	— / 6.3	— / 7.7	3.80	57 / 57	✓	1.10	R290	✓	—	70	1320 x 505 x 930
LWD 90	— / 7.5	— / 9.0	3.60	62 / 62	✓	1.17	R290	✓	—	70	1320 x 505 x 930
LWD 50 RX	— / 4.4	— / 5.4	3.69	57 / 57	✓	2.10	R290	✓	—	70	1320 x 505 x 930
LWD 70 RX	— / 6.0	— / 7.3	3.68	57 / 57	✓	2.20	R290	✓	—	70	1320 x 505 x 930
LWDV 91-1/3	3.06 / 8.11	2.33 / 8.20	4.61 ¹⁾	59 / 53	✓	1.05	R290	✓	✓	70	1320 x 505 x 930

Versatile and future-proof: **LWAV/LWAV+**

One of the quietest air/water heat pumps on the market. It can be installed almost anywhere due to its small space requirements.

COOLING
INCLUDED



Your benefits at a glance

- + Ultra quiet with max. 53 dB(A)
- + Active cooling already integrated
- + Lightweight, compact dimensions
- + Installation near walls is possible
- + Pre-assembled wall ducts
- + Wall controller/module/hydraulic tower
- + Comprehensive plug & play accessories
- + Ideal for new-builds, refurbishment projects and to replace older models



As quiet as a refrigerator

Its ultra-quiet operation means there is no problem complying with noise regulations: The heat pump already conforms with the German noise prevention regulations (TA-Lärm) at a distance of 2.9 metres and in silent mode it also reduces energy costs by operating at 70% heating performance.

A pleasant climate even in the summer

The integrated active cooling function uses the heat distribution system (e.g. underfloor heating) to maintain a pleasant living climate when it's hot. The heat pump automatically adjusts its performance to the energy demands of the house thanks to the inverter technology.

Easy to transport and install

The cooling box can be removed for transport, while the heat station with its built-in tank and hydraulics can be installed quickly and easily. The indoor unit with frontal controls fits even into the smallest gap.



LWAV/LWAV+

Type	Performance data					Unit						
	Heating power		COP partial load A2 / W35	CO ₂ equivalent	Sound power level max./night	Hermetically sealed	Refrigerant			Silent mode	Max. flow temperature	Dimensions W x D x H
	A-7 / W35 min. / max.	A2 / W35 partial load					Filling volume	Type	GWP value			
[kW]	[kW]	[t CO ₂]	[dB(A)]	[kg]				[°C]	[mm]			
LWAV 82R1/3	2.3 / 6.5	3.8	4.19	6.3	53 / 49 ²⁾	✓	3.00	R410A	2088	✓	60	995 x 840 x 1480
LWAV 122R3	3.6 / 8.5	5.0	4.01	7.5	52 / 49 ²⁾	✓	3.60	R410A	2088	✓	60	
LWAV+ 82R1/3	2.3 / 6.5	3.8	4.19	6.3	53 / 49 ²⁾	✓	3.00	R410A	2088	✓	60	1660 x 920 x 1480
LWAV+ 122R3	3.6 / 8.5	5.0	4.01	7.5	52 / 49 ²⁾	✓	3.60	R410A	2088	✓	60	

Efficient and flexible:

LWA

This heat pump runs even more efficiently by optimising the flow temperature – and is thus suitable for various applications.

COOLING INCLUDED



Your benefits at a glance

- + Optimised flow temperature
- + Low noise emissions
- + Modern inverter technology
- + Larger modulation range
- + Combinable with e.g. photovoltaics
- + Small space requirements in the building
- + Ideal for new-builds, refurbishment projects and to replace older models



No unnecessary energy costs

The heat pump automatically adjusts its performance to the energy demands of the house thanks to the modern inverter technology. This means that no surplus energy is produced and efficient heating is guaranteed at all times.

Easy to combine with photovoltaics etc.

In combination with the multifunction tank, other energy sources (e.g. photovoltaics) can be integrated easily into this flexible system so that it fulfils all the requirements of environmentally friendly heating.

Quiet operation thanks to silent mode

The low-noise housing and silent mode for nighttime operation make this powerful heat pump extremely quiet. This means it can also be installed on small plots where neighbours are close by.



LW A

Type	Performance data						Max. sound power level [dB(A)]	Unit	
	Heating power			COP for				Weight LW [kg]	Dimensions W x D x H Plain housing dimensions [mm]
	A-7 / W35 min. / max. [kW]	A-7 / W35 [kW]	A2 / W35 [kW]	A-7 / W35 full load –	A-7 / W35 –	A2 / W35 –			
LW 161H-AV	4.0 / 13.9	13.9	8 ¹⁾	3.21	–	4.2 ¹⁾	60	315	1931 x 1050 x 1780
LW 140A	10.8 ¹⁾	–	13.8 ¹⁾	3.08 ¹⁾	–	3.7 ¹⁾	58	370	1931 x 1050 x 1780
LW 180A	14.1 ²⁾ / 7.3 ¹⁾	–	17.2 ²⁾ / 9.5 ¹⁾	–	2.8 ²⁾ / 2.9 ¹⁾	3.6 ²⁾ / 3.8 ¹⁾	60	420	1931 x 1050 x 1780
LW 251A	19.4 ²⁾ / 10.1 ¹⁾	–	24.0 ²⁾ / 13.2 ¹⁾	–	2.8 ²⁾ / 2.9 ¹⁾	3.6 ²⁾ / 3.8 ¹⁾	65	540	1779 x 1258 x 1817
LW 300A	24.3 ²⁾ / 13.5 ¹⁾	–	29.7 ²⁾ / 17.0 ¹⁾	–	2.8 ²⁾ / 2.8 ¹⁾	3.41 ²⁾ / 3.52 ¹⁾	69	480	1779 x 1258 x 2127

All specifications according to EN 14511 | ¹⁾ Specifications for partial load | ²⁾ Operation with a compressor

Small and economical: Eco Line SPLIT

This compact heat pump can be combined with existing heating systems and is thus the ideal entry model for homeowners.

COOLING
INCLUDED



Your benefits at a glance

- + Economical entry model
- + Combinable with other systems (e.g. with oil heating)
- + Compact with small space requirements
- + Frost-proof connection to the outdoor unit
- + Low noise emissions
- + Installed by the factory service department
- + Ideal for new buildings

Very flexible to install

Splitting the outdoor and indoor units (to a distance of up to 30 metres) saves valuable space in the building, while the compact and pre-assembled components can be installed quickly and easily.





Combinable with old heating systems

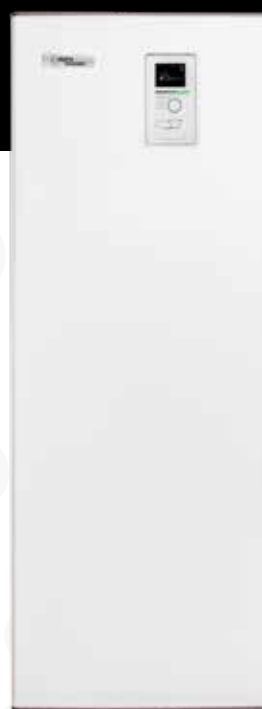
This environmentally friendly heat pump can be combined with existing heating systems (e.g. oil, gas, pellets) and thus creates an efficient and future-oriented heating system for new buildings and renovation projects.

Saves energy and electricity

The heat pump adjusts its performance precisely to current energy demands thanks to the modern inverter technology. That means it only operates at partial load for most of the year and thus helps to save energy and electricity costs.



hydraulic kmodul



hydraulic tower

EcoLine Split

Type	Performance data						Unit		
	Heating power for		COP for	Cooling power	EER at	Sound power level max./night	Weight		Tank volume
Outdoor basic unit with wall controller	A-7/W35 max. [kW]	A2/W35 [kW]	A2/W35 -	A27/W18 min./max. [kW]	A27/W18 -	[dB(A)]	L Split [kg]	HT/HM Split [kg]	[l]
L 6 Split	4.60	2.32 ¹⁾	4.20 ¹⁾	1.77 / 7.98	4.52 ¹⁾	64 / 56	46	165 / 52	180
L 8 Split-HT 12	6.60	5.11 ¹⁾	3.76 ¹⁾	3.2 / 11.2	3.50 ¹⁾	65 / 56	60	165 / 56	180

Fill level for refrigerant (kg): 1.5 (L6 Split) and 2.55 (L8 Split). ¹⁾Specifications in partial load operation

Dynamic and powerful: **LWP**

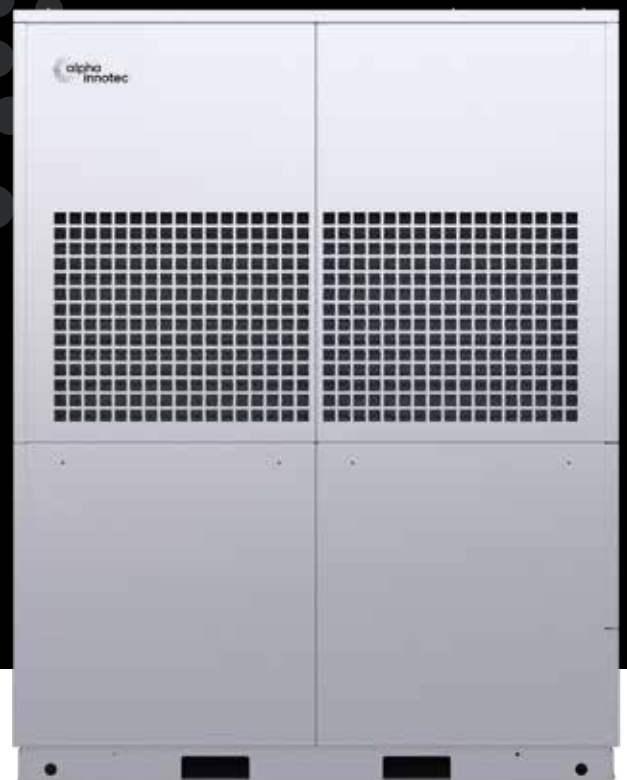
This powerful heat pump stands out due to its high performance and can be installed on the roof quickly and easily.

COOLING
INCLUDED



Your benefits at a glance

- + High performance of 45 kW
- + 2 compressors for flexible output
- + Low noise emissions
- + Hot water up to 65°C
- + Up to 4 units can be connected in a cascade
- + Roof installation possible
- + Easy to transport thanks to its ground clearance for lifting
- + Simultaneous cooling and provision of domestic hot water or heating with use of hot gas



Designed for high performance

Up to four heat pumps can be connected in parallel in buildings with a higher energy demand, e.g. multi-family houses, to guarantee an optimal supply of energy for every situation.

A focus on efficiency

The electronic soft starter reduces the start-up current and places less burden on the electricity grid. Two compressors control performance in partial load operation and ensure the highest level of efficiency when heating.

Powerful and quiet at the same time

Specially designed fan blades and a sound-insulated compressor chamber make the unit especially quiet. The heat pump is thus also ideal for use in densely populated housing estates.



LWP

Type	Performance data				Unit	
	Heating power			Sound power level [dB(A)]	Refrigerant Type	Dimensions W x D x H [mm]
Outdoor unit	A-7 / W35 min. / max. [kW]	A2 / W35 partial load [kW]	A2 / W35 partial load -			
LWP 450 ¹⁾	38.9 / 23.5 ¹⁾	45.5 / 27.2 ¹⁾	3.50 / 3.83	63	410A	1800 x 850 x 2320

All specifications according to EN 14511 | ¹⁾ Operation with a compressor

Discreet and versatile: **PAROS**

This extremely quiet and lightweight heat pump can be installed almost anywhere in the house – e.g. in an inconspicuous position in the roof space.

COOLING INCLUDED



Your benefits at a glance

- + Smart plug & play concept
- + Lightweight and compact design
- + Highly versatile installation
- + Ultra quiet with max. 48 dB(A)
- + Integrated active cooling
- + Combinable with photovoltaics
- + Ideal for new-builds and refurbishment projects
- + Top quality "Made in Germany"



Wall-roof connection



Wall connection



Roof connection



Don't give up your valuable living space

This compact heat pump can be installed in the roof space in the attic thanks to its innovative air duct system. You save valuable living space as a result and the heating technology remains discreetly out of sight.

Combinable with solar energy

The innovative modular system means that the heat pump can be easily combined with other heat sources such as photovoltaic systems or fuel cells for future-oriented heating.



Ultra quiet at day and night

This efficient heat pump is particularly quiet with an extremely low sound power level of 48dB(A) outside and 45dB(A) in night mode so that it doesn't disturb the residents of the house or their neighbours.



*max. sound power level at distances from the inner unit edge

PAROS

Type	Performance data						Unit
	Heating power		COP	Cooling power	EER at	Sound power level	
Indoor basic unit	A-7 / W35 min. / max. [kW]	A2 / W35 partial load [kW]	A2 / W35 partial load -	A35 / W18 min. / max. [kW]	A35 / W18 partial load -	max./night [dB(A)]	Dimensions W x D x H [mm]
PAROS 4	1.13 / 3.68	2.17	4.02	2.72 / 3.62	2.85	48 / 45	598 x 621 x 1331

All specifications according to EN 14511

Innovative and well-designed: **LWV/LWCV**

This modular heat pump also stands out due to its ingenious transport concept that makes it easy to find the right location for it in every building.

COOLING
INCLUDED



Your benefits at a glance

- + Lightweight and compact design
- + Innovative transport system
- + Highly versatile installation
- + Very low noise emissions
- + Integrated active cooling
- + Combinable with photovoltaics
- + Ideal for new-builds, refurbishment projects and to replace older models

10-12 kW* *Depending on the model



Every square metre counts

Pre-assembled components and a flexible air duct system make it particularly easy to install. The innovative transport system also means that narrow doors or tight stairwells are never a problem.

Nice and cool throughout the summer

This inverter-driven heat pump adjusts its performance to specific demands. The integrated cooling function maintains a pleasant climate in the summer via e.g. the connected underfloor heating system.



Also keeps the neighbours happy

The soundproof housing and silent mode for nighttime operation make this heat pump extremely quiet. This means it can also be installed in built-up areas – the neighbours won't hear a thing!



LWV/LWCV

Type	Performance data					Unit						
	Heating power		COP	CO ₂ equivalent	Sound power level	Hermetically sealed	Refrigerant			Silent mode	Flow temperature max.	Dimensions W x D x H
	A-7 / W35 min. / max.	A2 / W35 partial load					A2 / W35 partial load	Filling volume	Type			
[kW]	[kW]	[t CO ₂]	[dB(A)]	[kg]				[°C]	[mm]			
LWV 82R1/3	2.3 / 6.5	3.8	4.19	6.3	44 / 38	✓	3.00	R410A	2088	✓	60	845 x 790 x 1420
LWV 122R3	3.6 / 8.5	5.0	4.01	7.5	49 / 43	✓	3.60	R410A	2088	✓	60	
LWCV 82R1/3	2.3 / 6.5	3.8	4.19	6.3	44 / 38	✓	3.00	R410A	2088	✓	60	845 x 790 x 1880
LWCV 122R3	3.6 / 8.5	5.0	4.01	7.5	49 / 43	✓	3.60	R410A	2088	✓	60	

All details of heating performance and COP according to EN 14511 | All noise details according to EN 12102

Powerful and efficient:

LW

This powerful heat pump can be installed in the smallest spaces and its quiet operation never fails to impress.

COOLING
INCLUDED



Your benefits at a glance

- + 2 compressors for flexible output
- + Universal system design
- + Up to 100 kW performance (cascade)
- + Very low noise emissions
- + Building services management system available
- + Ideal for new buildings and refurbishment projects
- + Top quality "Made in Germany"



For single-family and multi-family houses

In buildings with a higher energy demand, e.g. multi-family houses, multiple heat pumps can be combined (heat pump cascade) and it is even possible to integrate them with photovoltaic or other energy systems.

Adjusts itself to the energy demand

The smart energy management system (e.g. lowering the temperature at night) adjusts the performance of the heat pump to the current energy demand of the building so that the unit always operates at maximum efficiency when heating.

Easy to install almost anywhere

Due to its small space requirements, the heat pump can also be installed very easily in small cellars or storage rooms. As no work is needed on the refrigeration circuit during installation, a refrigeration certificate is not required.

LW / LW 161

Type	Performance data						Unit		
	Heating power			COP for			Sound power level max. [dB(A)]	Weight LW [kg]	Dimensions W x D x H Plain housing dimensions [mm]
Basic unit	A-7 / W35 min. / max. [kW]	A-7 / W35 [kW]	A2 / W35 [kW]	A-7 / W35 full load –	A-7 / W35 –	A2 / W35 –			
LW 161H/V	4.0 / 13.9	13.9	8 ¹⁾	3.21	–	4.2 ¹⁾	60	315	795 x 1050 x 1780
LW 161HL/V	10.8 ¹⁾	–	13.8 ¹⁾	3.08 ¹⁾	–	3.7 ¹⁾	60	315	795 x 1050 x 1780
LW 140	14.1 ²⁾ / 7.3 ¹⁾	–	17.2 ²⁾ / 9.5 ¹⁾	–	2.8 ²⁾ / 2.9 ¹⁾	3.6 ²⁾ / 3.8 ¹⁾	58	370	795 x 1050 x 1780
LW 180	19.4 ²⁾ / 10.1 ¹⁾	–	24.0 ²⁾ / 13.2 ¹⁾	–	2.8 ²⁾ / 2.9 ¹⁾	3.6 ²⁾ / 3.8 ¹⁾	60	420	795 x 1050 x 1780
LW 251	24.3 ²⁾ / 13.5 ¹⁾	–	29.7 ²⁾ / 17.0 ¹⁾	–	2.8 ²⁾ / 2.8 ¹⁾	3.41 ²⁾ / 3.52 ¹⁾	65	540	795 x 1258 x 1817
LW 300		24.3 / 13.5 ²⁾	29.7 / 17.0 ²⁾		2.80 / 2.80 ²⁾³⁾	3.41 / 3.52 ²⁾	69	480	795 x 1258 x 1817

All specifications according to EN 14511 | ¹⁾ Specifications for partial load | ²⁾ Operation with a compressor

Make your heat pump even more efficient!

The alpha innotec multifunction tank allows our heat pumps to be easily combined with photovoltaic or solar thermal systems. And since the buffer tank and hot water heating are combined in a single unit, this frees up more space in the boiler room.

Domestic hot water is provided using the hygienic continuous flow principle. This further reduces heating costs and CO₂ emissions – for an optimal carbon footprint when heating the building.



In combination with a

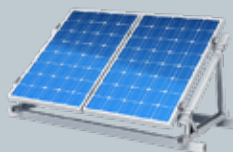
multifunction tank

Domestic water heating with ...

... solar thermal energy



... photovoltaics



... wood-burning stoves connected to the water system



Quick
Extremely quick installation
with the hydraulic module (HV)



Modular
Utilise the existing compo-
nents by installing a wall
controller (WR)



Solar
Integrate solar
thermal energy with
SWWS tanks



Domestic water
Flexible provision of
domestic hot water
with a hot water tank



Cooling
Cooling function with a
hydraulic module (HV)/
hydraulic station (HSV)
up to +18 °C, with wall
controller up to +7 °C



Intelligent
Ready for use in smart
electricity grids (SG
ready)

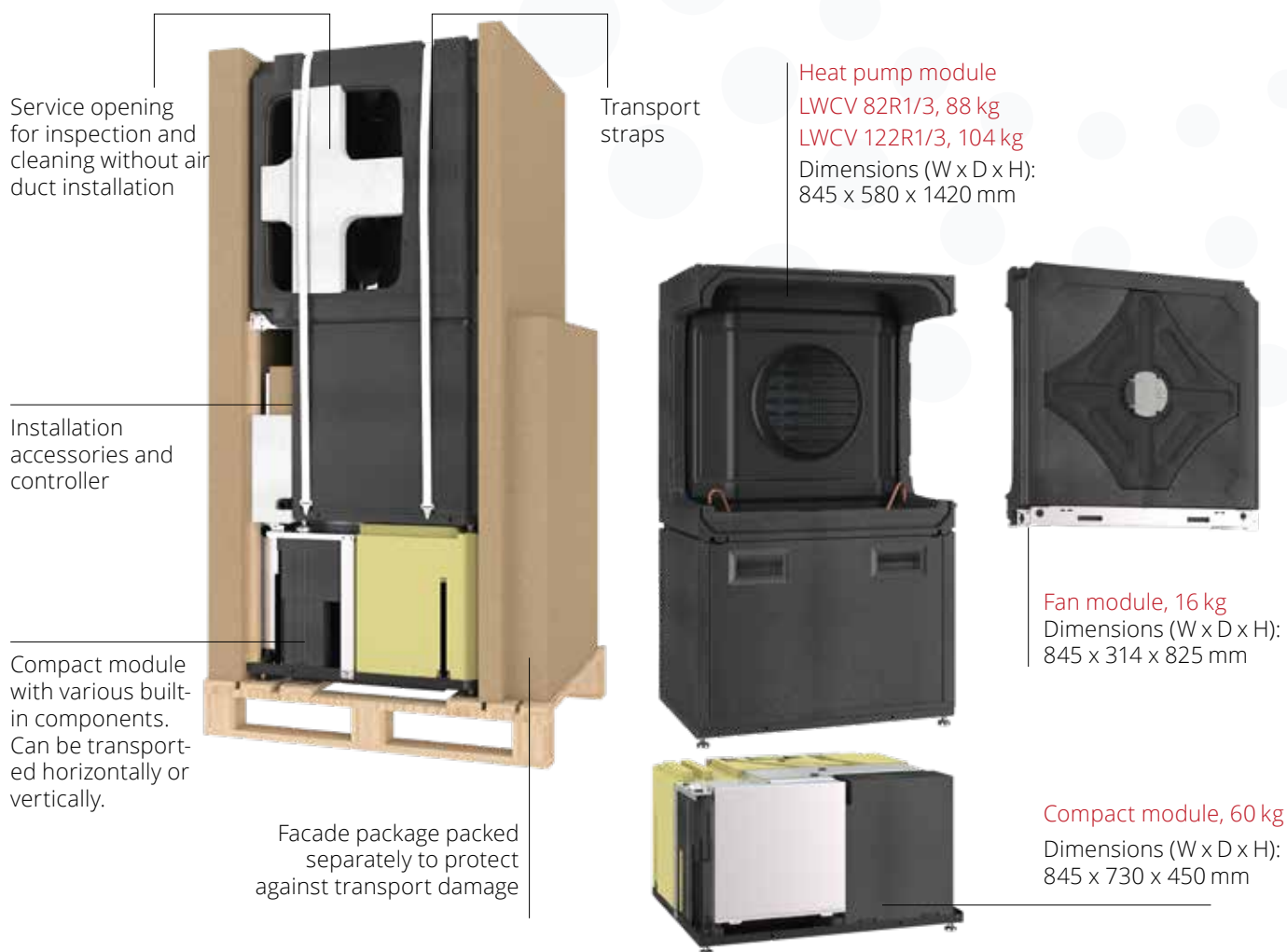


Space-saving
Complete space-saving do-
mestic hot water system with
a hydraulic station (HSV)



Intelligent transport and installation concept

The design of the LWCV offers you maximum flexibility during installation. The units are especially easy to manage when installing them indoors: the system can be split into modules of less than 100 kg. The individual parts can then be transported into the building using the transport straps provided. Thanks to the pre-assembled connection system, the heat pumps practically install themselves.



Easy to transport

The integrated transport straps with hand loops make it easy to manoeuvre the product into position.



Ingenious transport concept

means two people can position and install the product easily.



Service

Easy access for service purposes from the front.

Uncomplicated connection

The fold-out switch box allows electrical wiring to be connected horizontally.



Plug & play connection

Thanks to the pre-assembled connection system, installation is child's play.



Scan here for more information on transporting and connecting the LWCV.

Controlling your heat pump just got even easier!

Whether for monitoring or remote diagnostics – our proven **heatpump24** remote maintenance service allows our heat pumps to be inspected and adjusted from anywhere in the world. The free **myUplink platform**, which puts homeowners in control of their heat pump at all times, has now been added – for example, users can now conveniently adjust the system temperature remotely in real time via their smart-phone. In addition, the new myUplink service features a cloud-to-cloud solution that allows the heat pump to be controlled via a voice assistant, such as Alexa or GoogleHome, and also via the Uponor Smatrix control system for panel heating.

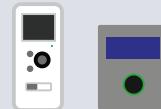
heatpump24



heatpump24 – perfect for the installer

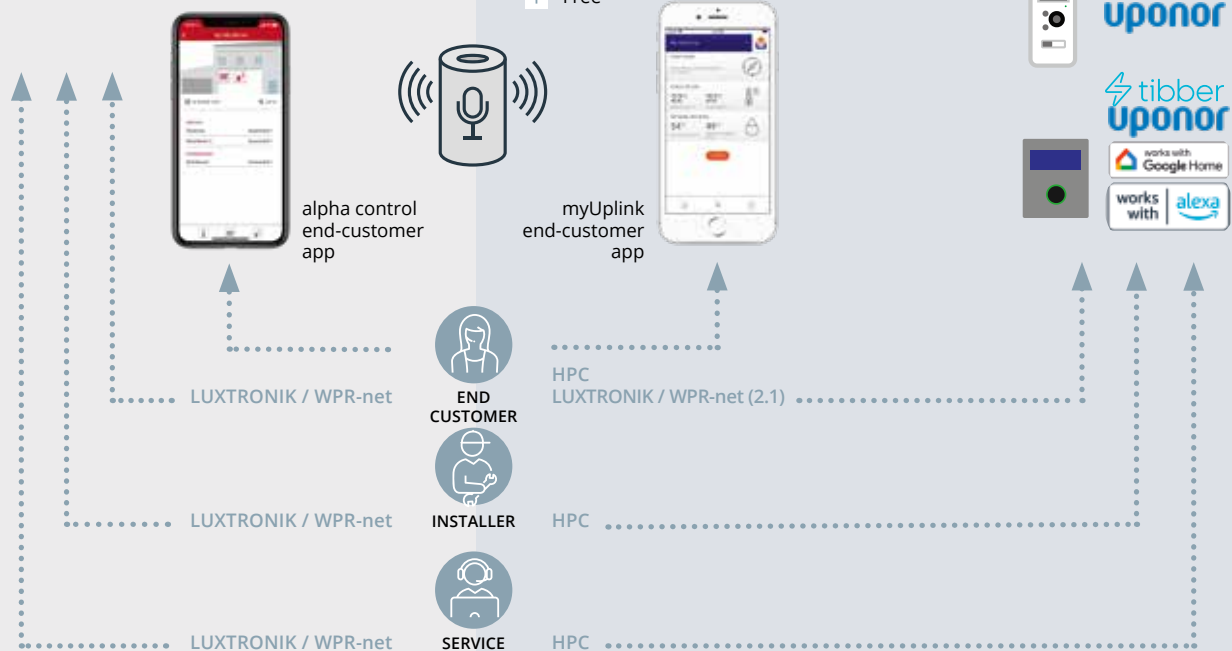
- + Service platform for remote settings, device analysis and remote maintenance.
- + Operating status, running times, temperatures, settings and much more can be viewed and modified easily from anywhere in the world.
- + Immediate notification in the event of a fault – optionally via e-mail or text message
- + Errors can be read off and reset

myUplink



myUplink – maximum convenience for the user

- + End-customer registration at www.my-uplink.com
- + Access to the heat pump system via the **myUplink App** and **myUplink online portal**
- + Receipt of error messages
- + Push messages for software updates or faults via the **myUplink app**
- + Display and setting options for the following unit functions: heating, cooling, hot water, swimming pool
- + Customisable dashboard with history feature
- + Connectivity to Google Home and Alexa voice assistants
- + Demand-controlled balancing via Uponor Smatrix individual room control system
- + Data exchange in real time
- + Free





Always in safe hands –
Services from **alpha innotec**

- **Planning support** – heating load calculation, special planning software, Technical Service Centre
- **alpha subsidy service** – minimum effort guarantees maximum subsidies
- **Connect up heat sources with the company Erdwärme PLUS** incl. planning/design, preliminary geological studies and approval applications through to detailed documentation
- **alpha customer service** – commissioning, warranty, maintenance
- **alpha home** – intelligent individual room control system with control via app
- **alpha service app** – for rapid assistance in the event of faults



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