

End customer
alira LWAV+



POWERFULLY
QUIET

Air/water heat pump
for outdoor installation
alira **LWAV+**

the better way to heat

All advantages at a glance

- + One of the quietest air/water heat pumps on the market
- + Sound irrelevant installation is also possible close to the building
- + Efficient and economical operation
- + Heating, cooling and domestic hot water preparation – all in one system
- + Small space requirement in the house thanks to outdoor installation
- + Easy and quick installation
- + Durable, weather and corrosion resistant aluminum facade
- + Due to integrated active cooling, comfortable temperatures even in summer



POWERFULLY QUIET



The sound-efficient design and the aerodynamic air deflection hoods reduce the noise emission of the LWAV+. The devices of the LWAV+ series are therefore ideal for a very density building development and sound-sensitive conditions.

* LWAV+122R3 in the silent mode, installed close to the wall in purely residential areas.
In general: Local regulations must be observed.



· **Very easy to comply with noise regulations** – one of the quietest air/water heat pumps on the market.

· **Powerful Silent Mode with 70 % heat output** reduces the need to switch on the heater and saves money.

· **The adaptable inverter technology** adapts the heating output to the current demand and creates planning security.

alira LWAV+ 82R1/3 / LWAV+ 122R3 – Technical data

Type	Performance data					Device							
	Heating capacity		COP partial load A2/W35	CO ₂ -equivalent	Sound power level max. / at night	Hermetically sealed	Refrigerant			Silent mode	Eligible	Flow temperature max.	Dimensions W x H x D
	A-7 / W35 min. / max.	A2 / W35 partial load					Quantity	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	1660 x 920 x 1480 ²⁾
LWAV+ 122R3	3,6/8,5	5,0	4,01	7,5	52/49 ²⁾	✓	3,60	R410A	2088	✓	+	60	

¹⁾ Combination heater | + Check the eligibility, as it depends on the region | All information on heating capacity and COP according to EN 14511 | All information on sound bases on EN 12102

²⁾ Technical data are preliminary data, which can still deviate up to the serial appearance.

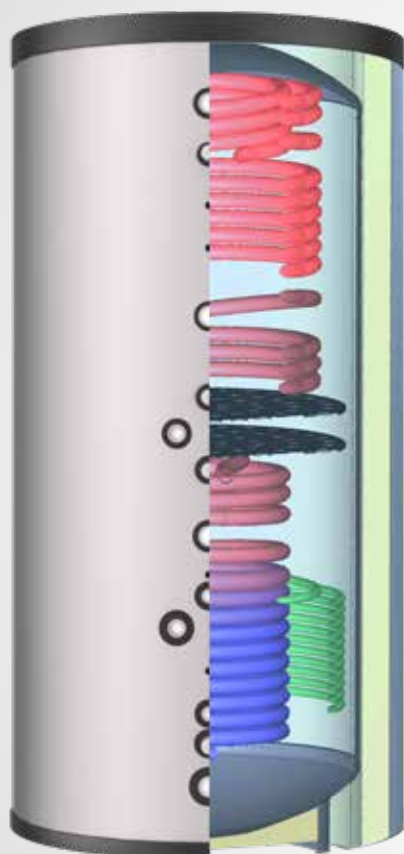
Strong partner for more than 20 years

More than 20 years of experience as a manufacturer of energy-efficient solutions for heating and ventilation systems ensures that you have always made the right decision with a product from alpha innotec.

A modern administration building with a training center and the production building in Kasendorf on an area of over 24 000 m² form an ideal environment for around 750 employees who give their best every day in their work for partners and customers.

Our heat pumps convince by their quality, easy installation and use as well as their reliable operation. We offer a wide range of quality products „Made in Germany,“ with a large assortment for almost every application, object size and requirement.

alpha innotec – for every requirement and highest demands – for a better climate.



ONE STORAGE – MANY POSSIBILITIES

(heating, preparing domestic hot water and integrating further heat generators if applicable)


The multi-function storage is designed exactly to meet the requirements of a heat pump heating system and is ideal for combining with other heat generators (solar, photovoltaic, ...).

Because a buffer tank and the hot water preparation are integrated in one unit, more space is available in the boiler room and quick and easy installation is possible.

The domestic hot water preparation is based on the continuous flow principle.


POSSIBLE APPLICATIONS OF THE LWAV+

Solutions for almost all requirements



Extremely fast installation with hydraulic module

Integration of solar thermal energy with SWWS-storage



Complete space-saving domestic hot water system with hydraulic station



Flexible domestic hot water preparation with hot water storage



By installing the wall controller, existing components can be used



Prepared for use in smart grids (SG ready)



Cooling function with hydraulic module or station up to +18 °C, with wall controller up to +7 °C possible



In combination with multi-function storage domestic hot water preparation with...

... photovoltaics ▼

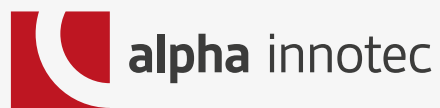


... solar thermal ▼



... water-fired fireplace ▶





ait-deutschland GmbH
Industriestraße 3
95359 Kasendorf
Germany

T +49 9228 / 9906-0
F +49 9228 / 9906-189
E info@alpha-innotec.de

www.alpha-innotec.de