



Single-family
home



New build,
renovation
and replacement



Outdoor
installation



Heating and
domestic hot water
up to 60 °C



Active cooling
up to 7 °C



Inverter-driven



3 different
hydraulic
indoor units



Refrigerant
R410A

Powerful and silent

The LWAV/LWAV+ is one of the quietest air/water heat pumps on the market and can be installed anywhere thanks to its compact design.

Its whisper-quiet operation makes it easy to comply with noise regulations: the heat pump meets TA-noise standards** at a distance of just 2.9 metres – and the Silent Mode, which operates at 70% heating capacity, also reduces energy costs. The integrated active cooling system utilises the heat distribution system (e.g. underfloor heating) and ensures a comfortable indoor climate during hot weather.

Thanks to inverter technology, the output automatically adapts to current energy requirements. An extensive range of accessories and a wide variety of combination options provide additional flexibility with minimal installation effort.

LWAV(+)



Dimensions* w x h x d:
995 x 840 x 1480 mm (LWAV)
1660 x 920 x 1480 mm (LWAV+)

Weight:
132 kg (LWAV 82) 150 kg (LWAV+ 82)
148 kg (LWAV 122) 163 kg (LWAV+ 122)

Can be combined with alpha innotec indoor units:



Wall-mounted
controller
WR

Hydraulic module
HV 9H / HV 12H
(only LWAV(+) 82)

Hydraulic station
HSV 9M1/3
HSV 12.1M3

The benefits at a glance:

- + Sound-optimised for use in densely built-up residential areas (Silent Mode)
- + Heating, cooling and domestic hot water up to 60 °C
- + Integrated active cooling
- + Inverter-driven – modulating heating and cooling mode
- + Lightweight, compact dimensions
- + Flexible hydraulic integration
– up to 3 different hydraulic indoor units available
- + Can be installed close to a wall
- + Prefabricated wall duct
- + Extensive plug-and-play accessories available
- + Top quality “Made in Germany”

Device	Performance data				
	Heating capacity		COP	Cooling capacity/efficiency	Sound power level
	A-7/W35 min./max.	A2/W35 partial load	A2/W35 partial load	A35/W18 partial load	outdoor
	[kW]	[kW]		[kW]/EER	[dB(A)]
LWAV 82R1/3	2,30 / 6,40	3,82	4,19	3,20 / 2,10	50
LWAV 122R3	3,60 / 8,50	5,00	4,01	7,20 / 3,70	58
LWAV+ 82R1/3	2,30 / 6,40	3,82	4,19	3,20 / 2,10	50
LWAV+ 122R3	3,60 / 8,50	5,00	4,01	7,20 / 3,70	51

All information on heat output and COP in accordance with EN 14 511. All information on sound power level in accordance with DIN EN 12102-1. *Housing dimensions only **LWAV+122R3 in Silent-Mode, installation close to a wall in a purely residential area

Energy efficiency labelling		
Energy efficiency of space heating		in combination with controller
A+++ up to D at 35 °C	A+++ up to D at 55 °C	A+++ up to G at 55 °C
A+++	A++	A++
A++	A++	A++
A+++	A++	A++
A++	A++	A++