

LWV

+

LWCV



Single-family
homes



New build,
renovation and
replacements



Indoor installation



Heating and
domestic hot water
up to 60 °C



Active cooling
up to 7 °C
(LWV with WR)



Inverter-driven



Plug & Play
installation



LWV: 3 different
hydraulic
indoor units



Refrigerant
R410A

Flexible and compact – with a well-designed transport concept

The modular heat pump also impresses with its ingenious transport concept – meaning it can be installed in any building. Pre-assembled components and a flexible duct system make installation particularly straightforward – so narrow doors or tight stairwells are no obstacle.

The inverter-driven heat pump adapts its output to individual energy requirements. In summer, the integrated cooling system ensures a comfortable indoor climate, for example via the connected underfloor heating. The soundproofed casing and Silent Mode for night-time operation make the heat pump particularly quiet and an attractive solution for densely built-up areas.

LWV + LWCV



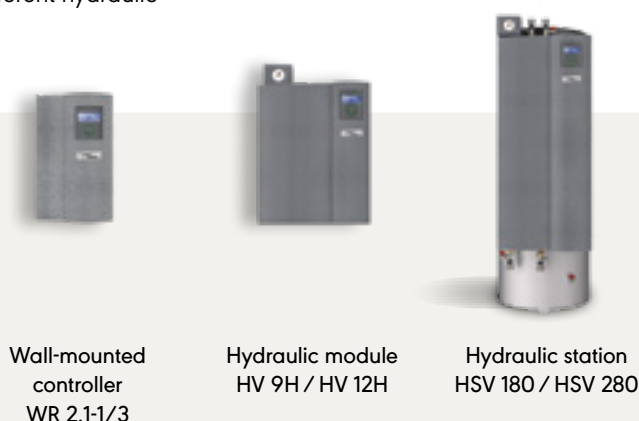
Dimensions* w x h x d:
845 x 790 x 1420 mm (LWV)
845 x 790 x 1880 mm (LWCV)

Weight:
138 kg (LWV 82) 216 kg (LWCV 82)
154 kg (LWV 122) 232 kg (LWCV 122)

The benefits at a glance:

- + Heating, cooling and domestic hot water up to 60 °C
- + Lightweight and compact design
- + Innovative transport concept for the LWCV
- + Inverter-driven – modulating heating and cooling mode
- + Flexible hydraulic integration – up to 3 different hydraulic indoor units for LWV available
- + Extremely flexible in terms of setup
- + Very low noise emissions
- + Can be combined with photovoltaic systems
- + Top quality “Made in Germany”

LWV can be
combined with
alpha innotec
indoor units:



Wall-mounted
controller
WR 2.1-1/3

Hydraulic module
HV 9H / HV 12H

Hydraulic station
HSV 180 / HSV 280

Device	Performance data				
	Heating capacity		COP	Cooling capacity/efficiency	Sound power level
	A-7/W35 min./max.	A2/W35 partial load			
	[kW]	[kW]	A2/W35 partial load	A35/W18 partial load	indoor / outdoor
LWV 82R1/3	2,30 / 6,40	3,82	4,19	3,20 / 2,10	48 / 44
LWV 122R3	3,60 / 8,50	5,00	4,01	7,20 / 3,70	47 / 49
LWCV 82R1/3	2,30 / 6,40	3,82	4,19	3,20 / 2,10	48 / 44
LWCV 122R3	3,60 / 8,50	5,00	4,01	7,20 / 3,70	47 / 49

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

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++