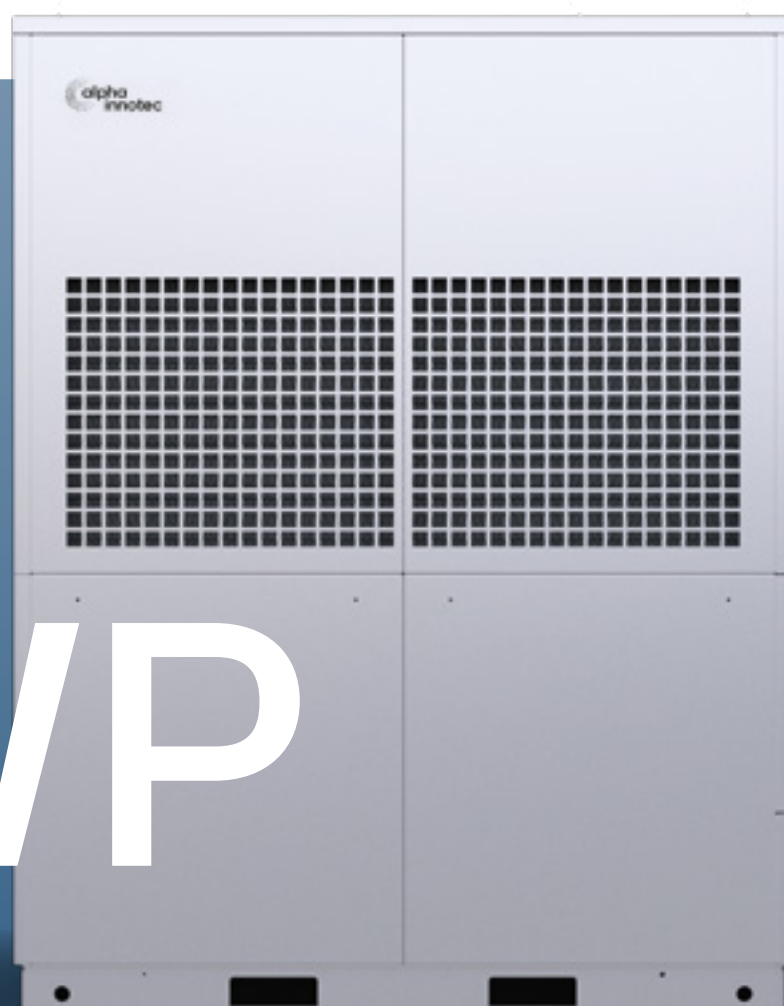




LWP



Multi-family homes,
Multi-story apart-
ment buildings



New build,
renovation



Outdoor
installation



Refrigerant
R410A



Heating and
domestic hot water
up to **65 °C**



Active cooling
available



Cascade
up to 4 devices



Inverter-driven

LWP

The professional heat pump with high performance and flexible installation options

This powerful heat pump delivers impressive performance – and can be installed quickly and easily even on the roof. For buildings with higher energy requirements, such as apartment blocks, up to four heat pumps can be connected in cascade, ensuring an optimal energy supply for every need.

The electronic soft starter reduces start-up current and minimises the load on the mains supply. Two compressors regulate output during part-load operation – ensuring maximum efficiency when heating.

Specially shaped fan blades and a sound-insulated compressor compartment make operation particularly quiet – making the heat pump ideally suited for use in densely populated residential areas.

Can be combined with alpha innotec indoor unit:



Wall-mounted controller Lux 2.1P



Cooling included

Dimensions*
w x h x d:
1800 x 850 x 2320 mm

Weight:
670 kg

The benefits at a glance:

- + Heating, cooling and domestic hot water up to 65 °C
- + Simultaneous cooling and domestic hot water production or heating using hot gas
- + High heating capacity up to 45 kW
- + 2 compressors for flexible performance
- + Low noise emissions
- + Cascade connection with up to 4 devices and up to approx. 180 kW building heating load possible
- + Inverter-driven – modulating heating mode
- + Installation on the roof possible
- + Easy to transport, as it can be lifted by a forklift
- + Top quality “Made in Germany”

Gerät	Leistungsdaten				
	Heating capacity		COP	Cooling capacity/efficiency	Sound power level
	A-7/W35 2 compressor. / 1 compressor.	A2/W35 min./max.	A2/W35 partial load	A35/W18 partial load	outdoor
	[kW]	[kW]		[kW]/EER	[dB(A)]
LWP 450	38,90 / 23,50	45,50 / 27,20	3,50	55,0 / 2,50	63

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