

End customer
alira LWCV



UNIQUE
FLEXIBLE

Air/water heat pump
Indoor installation
alira **LWCV**

the better way to heat

All advantages at a glance

- + Heating, cooling and domestic hot water preparation in one system
- + Low space requirement thanks to compact design
- + Extremely quiet due to silent mode
- + All in one unit: Numerous already integrated components (fewer pipes on the wall)
- + Attractive Design
- + Due to integrated active cooling, comfortable temperatures even in summer
- + Innovative inverter technology
- + Thanks to the innovative transport system, the heat pump fits through any standard door and through narrow stairwells



COOLING INCLUDED



The integrated, active cooling system reverses the heat pump's mode of operation and also uses its heat distribution system for cooling. In this way, the heat pump provides the individual comfort temperature throughout the year.



Flexible in application: With the new alira LWCV series from alpha innotec, you are opting for a versatile module solution that meets all customer requirements: Right from the start, attention was paid to the lowest sound levels, the highest efficiency and innovative technologies. Combined with an ingenious transport concept, the alira LWCV developed into an installer's favorite.

alira LWCV 82R1/3 und 122R3 – Technical data

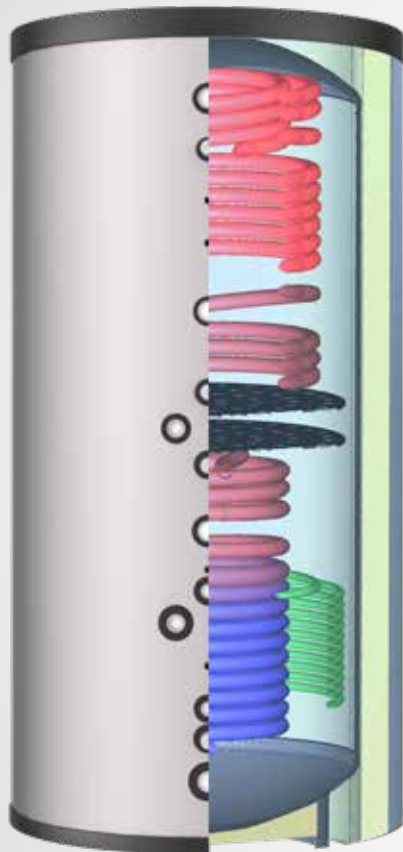
Type	Performance data					Device						
	Heating capacity		COP partial load A2/W35	CO ₂ equivalent [t CO ₂]	sound power level max./night [dB(A)]	Hermetically sealed	Refrigerant			Silent mode	Flow temperature max. [°C]	Dimensions W x D x H [mm]
A-7/W35 min./max.	A2/W35 partial load	Quantity [kg]					Type	GWP-value				
LWCV 82R1/3	2,3/6,5 [kW]	3,8 [kW]	4,19	6,3	44/38	✓	3,00	R410A	2088	✓	60	845 x 790 x 1880
LWCV 122R3	3,6/8,5 [kW]	5,0 [kW]	4,01	7,5	49/43	✓	3,60	R410A	2088	✓	60	

Always well supported – Services and support from alpha innotec

1. **Planning support** – heating output calculation, special planning software, technical service center
2. **alpha conveying service** – minimum effort guarantees maximum conveying
3. **Heat source development with Erdwärme PLUS** incl. planning/design, geological preliminary examination and permit application up to detailed documentation
4. **alpha customer service** – commissioning, warranty, maintenance
5. **alpha home** – intelligent individual room control system with app control
6. **alpha service app** – Fast help in case of malfunctions
7. **alpha climate** – controlling your individual climate comfortably from your sofa

Strong partner for more than 20 years

- Exclusively development and production of heat pumps
(= no other heat generators)
- Completely made in Germany
- 750 employees in 24 European countries



ONE STORAGE – MANY OPPORTUNITIES

(heating, preparation of domestic hot water and, if necessary, integration of further heat generators)

The multi-function storage (MFS 600S, MFS 830S, MFS 1000S) is designed exactly to meet the requirements of a heat pump heating and is ideal if it is to be combined with other heat generators (solar, photovoltaic, stove with water pockets, ...). Because buffer and 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 is produced using the hygienic continuous flow principle.

INTELLIGENT TRANSPORT AND INSTALLATION CONCEPT

Service opening for inspection and cleaning without air duct removal

Transport straps

Installation accessories and controller

Compact module with numerous already integrated components. Horizontal or vertical transport possible

Individually packed facade package for protection against transport damage

Heat pump module
LWCV 82R1/3, 88 kg
LWCV 122R1/3, 104 kg
Dimensions (W x D x H):
845 x 580 x 1420 mm

Ventilator module, 16 kg
Dimensions (W x D x H):
845 x 314 x 825 mm

Compact module, 60 kg
Dimensions (W x D x H):
845 x 730 x 450 mm

Discover the advantages:



Here you will find much more information about transport and connection of the LWCV.



Easy service access from the front.



Ingenious transport concept for easy insertion and installation by only two persons.



Ready to plug in connection. The prefabricated connection system makes installation very easy.

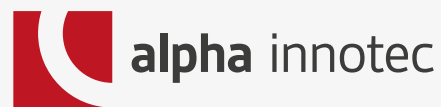


UNCOMPLICATED CONNECTION

Due to the fold-out switch box, the electrical wiring can be carried out horizontally.

EASY TO TRANSPORT

The integrated transport straps with hand loops make the insertion very easy.



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