

Hoval

Belaria® fit WLP(44, 74)

Air cooled reversible full inverter heat pump for outdoor installation



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In detail.



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The Belaria® fit WLP is the new air-cooled heat pump with full DC inverter technology and R290 refrigerant with ultra-low GWP, suitable for outdoor installation.

- Heating and cooling
- Hot water production up to 75°C
- High efficiency
- Low noise
- Option to cascade
- R290 refrigerant

Thanks to its high seasonal efficiency and extended operating range, it is the perfect solution for applications in replacement of existing generators, as well as in new installations, both for all year round room heating and domestic hot water production.

Heating and Cooling

The Belaria® fit WLP has a wide operating range, with a minimum outdoor air temperature of -20°C and hot water production of up to 75°C. This makes it a versatile solution, capable of efficiently heating spaces during winter and cooling them during summer. The versatile temperature output makes it ideal for underfloor heating, radiators, and domestic hot water systems, and it is therefore an excellent option for building refurbishment, especially for buildings looking to reduce carbon emissions. The Belaria® fit WLP is equally suited for new projects, offering energy-efficient comfort across a range of applications.

High Efficiency

With impressive SCOP and COP ratings, the Belaria® fit WLP demonstrates outstanding efficiency, leading to significant energy savings and lower operational costs. These efficiencies contribute to a reduced environmental impact, making it a smart, sustainable choice for a wide range of applications.

Low Noise

Designed for flexibility, the Belaria® fit WLP offers configurable noise levels to suit various installation environments. With a sound level as low as 55 dB, this adaptability ensures the system can operate quietly, making it ideal for noise-sensitive locations.

Option to Cascade

The Belaria® fit WLP can be connected in a cascade configuration of up to 16 units, enhancing its versatility for larger applications. This setup allows for scalability, meeting increasing demands over time, and ensures greater system reliability. The cascading option makes it easy to adapt the system to different project sizes and requirements, and convenience is further improved as the unit can be controlled up to 300m away from the plant room.

R290 Refrigerant

The Belaria® fit WLP uses R290, a natural refrigerant known for its low global warming potential (GWP). This choice reflects a commitment to sustainability, reducing the carbon footprint of heating and cooling operations. The use of R290 ensures compliance with future environmental regulations. Whether replacing an old system to improve energy efficiency or installing a new setup, the Belaria® fit WLP is an environmentally responsible choice.

Size		44	74
Heating Capacity / COP	kW	44.0 / 3.74	73.7 / 3.67
Cooling Capacity / EER	kW	50.6 / 3.62	75.2 / 3.83
ErP Space Heating Energy Class		A++	A+++
SCOP		4.98	4.54
$\eta_{s,c}$	%	169	179
Water flow-rate	l/s	2.42	3.60
User side exchanger pressure drops	kPa	9.8	16.8



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You can count on us.

Hoval

Hoval is one of the leading international companies for heating and indoor climate solutions. Drawing on more than 75 years of experience and benefiting from a close-knit team culture, the Hoval Group delivers exciting solutions and develops technically superior products. This leadership role requires a sense of responsibility for energy and the environment, which is expressed in an intelligent combination of different heating technologies and customised indoor climate solutions.

Hoval also provides personal consultations and comprehensive customer service. With around 2500 employees in 15 companies around the world, Hoval sees itself not as a conglomerate, but as a large family that thinks and acts globally.

Hoval heating and indoor climate solutions are currently exported to more than 50 countries.

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Responsibility for energy and environment

Your Hoval partner

