Hoval

Hoval Belaria® pro (6-15)

complete | convenient | compatible



The air/water heat pump solution of the future
for single-family and two-family homes

Hoval | Responsibility for energy and environment

Hoval Belaria® pro

The air/water heat pump solution of the future for single-family and two-family homes

- **complete:** comes with all components
- **convenient:** quiet, economical operation
- **compatible:** interface with smart systems

A futureproof energy solution for the home

In single-family homes and blocks of flats, air/water heat pumps are a popular choice – whether the building is an existing structure, undergoing renovation or a new development.

And they're popular for good reason: they run using renewable energy, protect the environment, require very little maintenance and can provide cooling as well as heating. Not only that, but air as a main source of energy is free and available everywhere. With Hoval, there are even more reasons to opt for this futureproof, durable solution.

Offering output ratings of 6 to 15 kW and a high flow temperature, the Belaria® pro from Hoval is ideally suited to the needs of single-family and two-family homes, both old and new.

Quiet and fully equipped, its compact indoor units fit into any utility room.

Open interfaces also allow the heat pump to merge seamlessly with the home automation system. What's more, Hoval delivers personal support as a service partner – from planning all the way through to maintenance.



Complete solution

The Belaria® pro is more than an efficient, eco-friendly heating system. The compact unit also has cooling abilities as standard, comes equipped with all the necessary system components and is ready for hydraulic and electrical connection.

Ideal system accessories, such as a buffer storage tank, domestic water systems and comfort ventilation, are also available from Hoval and can be integrated flexibly and easily.

A compatible control system and open interfaces make it easy to integrate additional modules.



The perfect utility room: Hoval's system solution saves space and can be expanded easily.

Quiet and economical

The Belaria® pro combines the perfect components to form an efficient solution – all thanks to clever design and control.

The air/water heat pump works even more efficiently in combination with a buffer storage tank from Hoval. It runs in the ideal power range and rarely needs to cycle, which also makes it quiet.

Operating the system with electricity from your own photovoltaics, using the open interfaces provided as standard, is an especially economical choice.



The quiet Belaria® pro solutions are a great choice for both homeowners and the neighbourhood.

Connectivity

The Belaria® pro is fully open, accessible round the clock and fit for the future. It can be monitored, controlled and serviced easily using the app from your living room or even while you're away.

With Hoval Integrate and open interfaces, it's easy to connect to a home automation or energy management system of your choice.

If you generate your own electricity using photovoltaics, you can use as much as you wish for operating the heat pump, optimising its energy consumption.



With Hoval Integrate, the Belaria® pro is easy to connect to external home automation and energy management systems.



In new and existing buildings alike, the stylish Belaria® pro unit adds value to homes of all kinds and from all eras.

A power supply you can rely on

The air/water heat pump for every situation

In new and existing buildings alike, the stylish Belaria® pro unit adds value to homes of all kinds and from all eras.

Quiet, efficient and safe

The Belaria® pro is one of the quietest and most efficient units on the market because of its large fan, evaporator and soundproof compressor. The specially insulated casing around the outdoor unit absorbs the noise it creates.

The heat pump meets the criteria of the highest energy efficiency class A+++ for both low-temperature and medium temperature applications.

Its environmental credentials go hand in hand with safety: a tried-and-tested safety concept reliably prevents refrigerant from leaking into the building.

Heating for sanitation needs and domestic water heating

The Belaria® pro effectively delivers heat whether a home is new or older – even in the depths of winter.

Thanks to the high flow temperature of up to 70°C, it creates a comfortable indoor climate in cold weather. And there's usually no need to go through the costly, time-consuming process of changing radiators.

The high flow temperature also makes it possible to heat domestic water with confidence, using the storage tank and drinking water systems available in the Hoval range. The Belaria® pro compact comes with a calorifier as standard.

Heating and cooling: why not both?

The Belaria® pro can also provide cooling when it's hot outside.

The CleverCool function comes with all models as standard, requires no additional components and is easy to activate – so the temperature of living spaces can be controlled efficiently using underfloor or wall heating.

If there is no underfloor or wall heating, there are still options available. Hoval can provide the right fan convector for the space – a unit that looks great and whose clever positioning means it can barely be heard.

comfort or compact: the right model for every situation

The Belaria® pro is available in two versions and four output ratings.
That means the ideal solution can be found for any home, energy needs and type of use.

Belaria® pro comfort (6-15)

Maximum flexibility:
The Belaria® pro comfort is designed for more demanding systems with external storage solutions and drinking water systems.
It comes with all the connection possibilities available for it and all the necessary components.





Buffer storage tanks and calorifiers are individually selectable

A+++ (A+++→ D)

Belaria® pro compact (8,13/100/300)

Fully equipped:
The Belaria® pro compact features an integrated buffer storage tank and calorifier.



A+++ (A+++→ D)

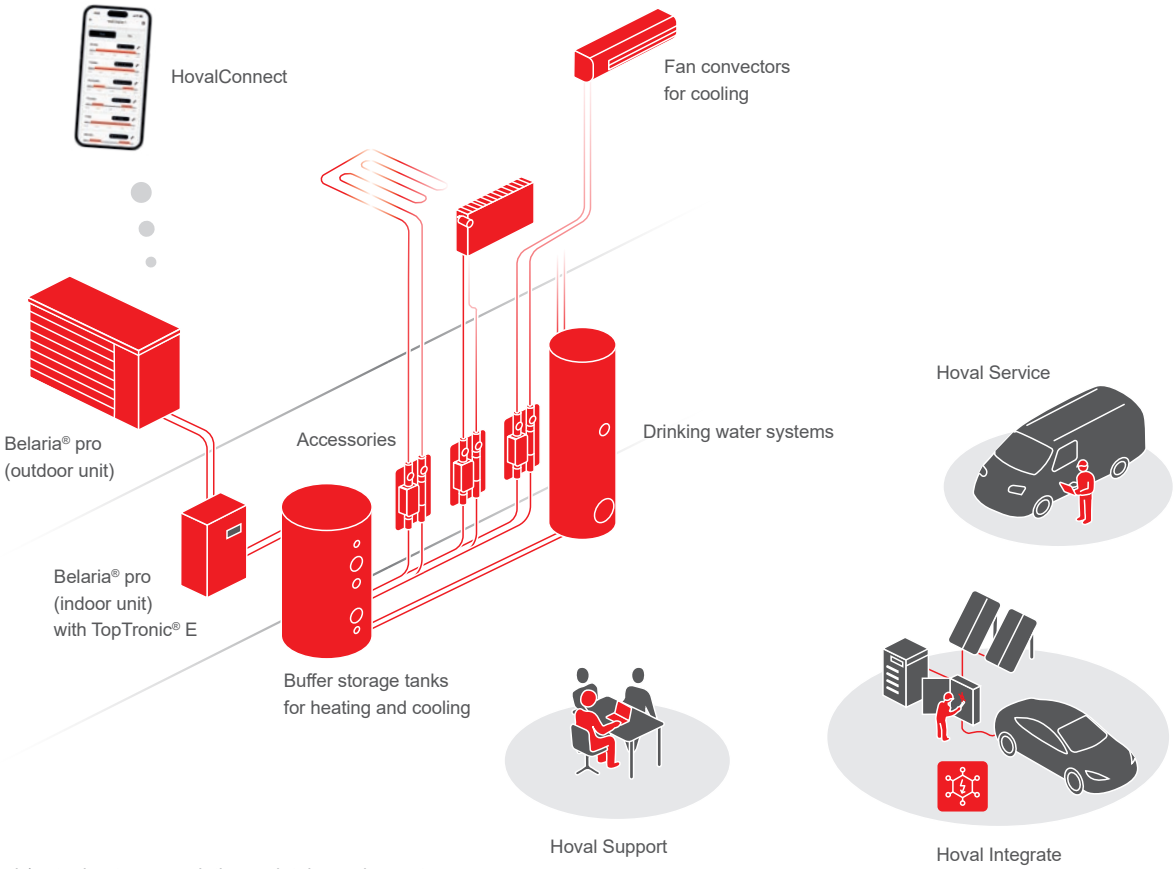
A (A+→ F)

Hoval Connect | Hoval Integrate | EnergyManager PV smart | Natural refrigerant | CleverCool inside | SG Ready

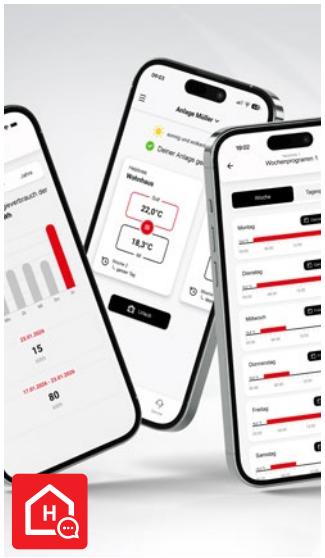
Hoval Belaria® pro		comfort (6)	comfort (8)	comfort (13)	comfort (15)	compact (8/100/300)	compact (13/100/300)
Energy efficiency class, “moderate climate” 35/55°C (A+++→ D)		A+++ / A+++					
Room heating energy efficiency, “moderate climate” 35/55°C ηS	% / %	212 / 152	207 / 154	203 / 154	221 / 162	207 / 154	203 / 154
Seasonal coefficient of performance, “moderate climate” 35/55°C (EN 14825)	SCOP	5.4 / 3.9	5.3 / 3.9	5.2 / 4.0	5.6 / 4.1	5.3 / 3.9	5.2 / 4.0
Heat output, min.–max. at A2W35 (EN 14511)	kW	3.5 - 6.7	3.5 - 8.3	5.3 - 11.8	7.1 - 14.5	3.5 - 8.3	5.3 - 11.8
Heat output, min.–max. at A-7W35 (EN 14511)	kW	2.7 - 6.7	2.7 - 8.3	5.0 - 10.3	6.9 - 13.3	2.7 - 8.3	5.0 - 10.3
Cooling capacity, min. – max. at A35W18 (EN 14511)	kW	4.9 - 8.1	4.9 - 8.1	6.7 - 11.4	7.9 - 13.6	4.9 - 8.1	6.7 - 11.4
Max. sound power level outdoor unit, day operation	dB(A)	53	55	57	55	55	57
Sound power level outdoor unit (EN 12102)	dB(A)	47	46	51	50	46	51
Max. flow temperature	°C	70					
Refrigerant		R290					
Refrigerant filling quantity*	kg	1.2	1.2	1.8	2.8	1.2	1.8
Volume hot water storage tank	l	individually selectable				295	295
Volume buffer storage tank	l	individually selectable				93	93
Dimensions of outdoor unit (height x width x depth)	mm	954 x 1575 x 791			1432x1575x791	954 x 1575 x 791	
Dimensions of indoor unit (height x width x depth)	mm	1005 x 550 x 280				1930 x 790 x 790	

* Filling quantity below 5 kg with simplified installation: no access restriction required

Complete solution from a single source
Fully open and fully equipped.



The futureproof Belaria® pro air/water heat pump solution maintains a pleasant indoor climate in single-family and two-family homes.
Hoval provides a comprehensive package with an extensive range of accessories and end-to-end services.



HovalConnect: Mobile connectivity

With the HovalConnect app, you can control your system easily and reliably from anywhere at any time. Intuitive operation, automatic synchronisation and transparent real-time and historical data ensure you have an overview of everything at all times. The system automatically reports any faults.



TopTronic® E: End-to-end control

The modular TopTronic® E system controller ensures that all components work together efficiently and allow the system to be expanded flexibly. It provides maximum efficiency, transparency and outstandingly reliable operation. The intuitive touch screen makes it possible to customise the room temperature, domestic water and ventilation settings.



Hoval Integrate: Open networking made easy

Open, futureproof and independent of any specific system, Hoval Integrate makes it easy to connect Hoval systems, particularly heat pumps, to external energy management and home automation systems. This makes it possible to use intelligent functions such as PV surplus, sector coupling, variable electricity tariffs or grid-friendly control to maximum effect.



Fan convectors for cooling

CleverCool enables Hoval heat pumps to provide cooling in addition to heating. Our compact, visually appealing fan convector distributes cold and warm air quietly and efficiently in living spaces.



Storage tanks for heating and cooling

We offer you not only conventional buffer storage tanks for the effective storage of heating energy, but also heat pump-optimised products for high flow rates and specially insulated products for cooling applications.



Drinking water systems ready for connection

Our storage tank and continuous flow systems use heat exchangers to ensure efficient and hygienic domestic water heating. We have the right products in our range to meet every requirement.



HomeVent® comfort ventilation

Comfort ventilation from Hoval is the ideal addition to a heat pump. With controlled moisture recovery, it automatically ensures a healthy, pleasant indoor climate all year round. Its highly efficient heat recovery also allows it to save heating energy – and operating costs as a result.



Photovoltaic electric heating element

Make direct use of PV electricity with photovoltaic electric heating elements from Hoval, which ensure that energy is used even more efficiently. This additional heating option for domestic and heating water optimises the consumption of the electricity you produce and minimises heat pump cycling.



Suitable system accessories

To complement the heat generator, we offer a comprehensive range of system accessories. Heating armature groups, system components and circulation pumps are optimally matched to each other, ensuring reliable and efficient operation.



SmartServices

Hoval's service packages cover not only on-site maintenance but also digital fault monitoring. Thanks to SmartServices, problems are detected at an early stage, while simpler issues can be resolved quickly and conveniently via remote maintenance.



Renowned Hoval service

Our superbly trained customer service employees ensure smooth operation whenever and wherever they are needed – and they can even use remote access to provide assistance.

Hoval quality.
You can count on us.

Hoval

Hoval is one of the leading international companies for heating and indoor climate solutions. Drawing on more than 80 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.

Responsibility for energy and environment

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2026-11 | Subject to modifications

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