

**Hoval**

## **Hoval Belaria® fit (8-26)**

The feel-good heat pump.

**Contemporary | Convenient | Versatile**



**Hoval** | Responsibility for energy and environment



# Hoval Belaria® fit (8-26)

## Air/water heat pump.

### Feel good

A contemporary heating and cooling system, plus some money for the fun things in life? With the Belaria® fit, you can have both.

It provides everything you'd expect from a modern, convenient, environmentally friendly heating and cooling system – and all for an affordable price.

So you can focus on what's important – and doesn't that feel good?

### Added value for you:

- Contemporary
- Convenient
- Versatile



Belaria® fit (8-26)  
Modulating air/water heat pump for heating, cooling and generating hot water; monoblock design for outdoor installation.

Area of application:  
Houses, blocks of flats, small hotels and industry; for new buildings and renovations.



**Incentives:**  
Heat pumps are government-subsidised in some regions. Find out more from your Hoval partner

**Contemporary, environmentally friendly technology**

When it comes to choosing a heating system, it is hard to ignore the heat pump – and not just because of the energy revolution in recent years.

The Belaria® fit (8-26) heat pump boasts the latest state-of-the-art technology. It is a modulating system, which means that it automatically adjusts its output in line with the requirements at the time.

Not only that, but it also already uses the modern refrigerant R32. This increases efficiency and also is considered to be vastly superior in terms of climate protection to R410, which has been the standard refrigerant up to now.

**Convenient**

The Belaria® fit maintains a comfortable temperature and provides hot water in your home discreetly and automatically. What’s more, it doesn’t compromise on performance when it is very hot or very cold outside.

With the two silent and super-silent settings, you can reduce the already low operating noise even further if need be.

The system runs automatically and you do not need to worry about a thing. But if you need to, you can easily change the settings yourself. The operator terminal is clear and easy to use with its interface in 16 European languages.

**Versatile**

There are no compromises to be made when it comes to functionality. The Belaria® fit does more than just heating, providing hot water and cooling – it offers numerous combinations and options as standard:

- Operation with underfloor heating, radiators or fan convectors
- Several temperature zones per building
- With water heating via a solar plant
- Cascade system for high outputs or hybrid system with additional heat generator
- Use of photovoltaic systems and Smart Grid functions
- Higher temperature level for restoration and renovation projects

There’s a high-quality, affordable solution to cover most requirements.

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Air/water heat pump.



### Quiet as a whisper

With the Belaria® fit (8-26), there's no need to worry about disrupting your neighbours. It boasts sound-insulated casing, plus bearings and feet with vibration damping. The fans are in an aerodynamically optimised duct to reduce noise. What's more, there are two quiet operating modes – these adjust the speeds to reduce the operating noise to approx. 50% in silent mode and right down to 25% in super-silent mode. So everyone can sleep easy.



### Increase comfort, save energy:

#### Belaria® fit with HomeVent® comfort ventilation

The Hoval HomeVent® comfort ventilation is the ideal addition to a heat pump: it provides automatic and constant ventilation for your home, without you having to keep opening the windows. With humidity recovery, it also ensures that the moisture in the air is kept at a healthy level.

On top of this, the highly efficient heat recovery system prevents energy losses associated with opening the windows. HomeVent® does not just make your home more comfortable, it also reduces energy consumption for heating.



### High output, even in extreme temperatures

With lots of heat pumps, the output drops considerably in extreme outdoor temperatures. That's not the case with the Belaria® fit (8-26). It creates a warm and cosy atmosphere, even in the depths of winter and keeps you cool at the peak of summer.





Room control module for controlling the heat pump remotely and displaying key data (optional).



## A comfortable climate – automatically

As little control as necessary.



Operator terminal: set the entire system in 16 languages. Installed in the living space, it also acts as a thermostat.

Another thing off your mind: once set up, the Belaria® fit controller automatically provides the right temperature in your rooms, as well as a hot water supply. It heats or cools automatically depending on the outdoor and indoor temperature.

With 9 pre-programmed climate curves, you can quickly and simply adjust the system to the conditions where you live. And if you need to make changes, you can do so easily on the clear display.

The Belaria® fit (8-26) controller regulates the entire system, including hot water, solar panels or an additional heat generator. You can also split the building into two separate temperature zones and heat and cool them independently of one another.

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## Technology and system.

Hoval Belaria® fit		(8)	(13)	(20)	(26)
Room heating energy efficiency for “average climate” of 35°C	η <sub>S</sub>	206	186	181	165
Room heating energy efficiency for “average climate” of 55°C	η <sub>S</sub>	131	135	125	123
Energy efficiency class for heating at 35°C		A+++	A+++	A+++	A++
Max. heat output for A2W35 (EN 14511)	kW	8.7	13.2	20.2	26.0
Max. cooling capacity for A35W18 (EN 14511)	kW	11.1	15.3	21.7	31.9
Seasonal coefficient of performance for “average climate” at 35°C/55°C (EN 14825)	SCOP	5.2 / 3.4	4.7 / 3.5	4.6 / 3.2	4.2 / 3.2
Sound power level (normal/silent/super-silent mode; EN 12102)	dB(A)	59/56/54	65/61/59	70/66/63	77/75/73
Dimensions (height x width x depth)	mm	864 x 1385 x 523		1557 x 1120 x 528	

### High outputs for blocks of flats, hotels and industry

The Belaria® fit (8-26) is not just limited to the single-family home. It handles systems with greater demands with ease, supplying up to 150 kW heat output or cooling capacity due to cascading – enough for blocks of flats, small hotels or industry. The total output can be increased even further in bivalent systems, e.g. with gas condensing boilers. The Belaria® fit covers the base load of the entire annual demand here. An additional heat generator only supplies the energy for demand peaks, at low outdoor temperatures or increased domestic water requirements. The entire system is controlled by the Hoval TopTronic® E system control.



A cascade comprising 6 Belaria® fit provides up to 150 kW heat output or cooling capacity



Belaria® fit in bivalent systems with TopGas® or UltraGas® condensing boiler and TopTronic®E system controller

# We are there for you

And we have been for generations.



## Consulting and design

Whether you're looking for a heating, cooling or ventilation solution, for a new building or a renovation project, Hoval is here to give you expert advice. Do you design, install or operate systems? Or are you an investor? Then we speak your language. Experienced Hoval consultants gain an in-depth understanding of your requirements and suggest appropriate solutions on that basis.

## Service expertise

Do you need to have a system commissioned or serviced? Then contact your Hoval customer service representative or local qualified Hoval partner. Regular maintenance will extend your system's service life. Your investment will retain its value over many years and operation will remain as economical as possible.



**Hoval quality.**  
You can count on us.

As a specialist in heating and climate technology, Hoval is your experienced partner for system solutions. For example, you can heat water with the sun's energy and your rooms with oil, gas, wood or a heat pump. Hoval ties together the various technologies and also integrates room ventilation into the system. You can be sure to save both energy and costs while protecting the environment.

Hoval is one of the leading international companies for indoor climate solutions. More than 75 years of experience continuously motivate us to design innovative system solutions. We manufacture complete systems for heating, cooling and ventilation to more than 50 countries.

We take our responsibility for the environment seriously. Energy efficiency is at the heart of the heating and ventilation systems we design and develop.

## Responsibility for energy and environment

### **Germany**

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Your Hoval partner