

UltraSource®

The new generation of efficient heat pumps.

Compact

Quiet

Modern

Information



Hoval

Source

Inspired by nature.

Straight from nature – air, soil and water.

Nature is a source of relaxation; a place to get away from it all. And for Hoval's engineers, it has been a source of inspiration too. Air, soil and water provide sources of energy for heat pumps – and Hoval's aim was to combine them with its technology to develop its newest generation of heat pumps. The result is something quieter and more efficient than ever before. Effective climate protection, cosy warmth and outstanding cost-effectiveness have a new name: UltraSource®.



Hoval UltraSource® B

Save money by using energy from the air.



**UltraSource® B
compact C (8,11/200)**

**UltraSource® B
comfort C (8,11,17)**

 Integrated tank for hot water,
200 l capacity

 CleverCool inside

 CleverCool inside



Air/water heat pump in split design with indoor and outdoor unit, especially suitable for single-family homes. The UltraSource® B heats, provides hot water and cools in summer. A hot water storage tank is also integrated into the compact version.

Saves money by maximising efficiency.

The infinitely variable adjustment of output to demand, known as modulation, ensures the best efficiency values over the year.

Compact design saves space.

The UltraSource® requires very little space for installation. If the hot water tank is installed in the indoor unit, this frees up even more space.

Quiet operation.

The generous dimensions of the outdoor unit and the infinitely variable adjustment of output to demand ensure particularly quiet operation.

State-of-the-art design.

The UltraSource® also sports an attractive design. With its slatted elements, the outdoor unit in particular looks more like part of a facade.



Modulating range of performance for A2W35: 2.1-17.4 kW
Coefficient of performance (COP) for A2W35 and nominal output: 4.5
Outdoor unit sound power level, EN 12102: 46 dB(A)



Outdoor unit (17)

State-of-the-art design for indoor and outdoor units.

The front of the indoor unit is made out of premium metal. Its design elements make it appear even slimmer. With its slatted elements, the design of the outdoor unit looks just like part of a facade or modern garden furniture. The ridge that air/water heat pumps need to protect their air inlet against things like snow is already integrated and hidden elegantly behind the cladding.

Saves money by maximising efficiency.

The adjustment of output to demand, known as modulation, ensures the best efficiency values over the year. The optimum design and use of premium, energy-saving components help to save extra energy costs.

Slim design saves space.

The UltraSource® requires very little space for installation in the home. The distribution of components between the indoor and outdoor units saves additional space inside the house. If the hot water tank is also installed in the indoor unit, this frees up even more space as an external DHW storage tank is no longer required. The UltraSource® is so quiet that it can even be placed in a spare room if there is no space in your boiler room.



Dimensions and design lead to less noise.

Sophisticated engineering solutions in the areas of output adjustment, night operation, mounting for optimised acoustic properties and encapsulation ensure quiet operation and undisturbed sleep. The size of the evaporator and fan in the outdoor unit has been increased, allowing more air (and therefore more energy) to be transported – but with lower noise levels.

Hoval UltraSource® T

Save money by using energy from the soil and from water.



UltraSource® T compact (8,13/200)

UltraSource® T comfort (8,13,17)

 Integrated tank for hot water, 200 l capacity

 CleverCool optional

 CleverCool optional



Brine/water or water/water heat pump for installation inside the house, especially suitable for single-family homes. The UltraSource® T heats and provides hot water. A hot water storage tank is also integrated into the compact version. The CleverCool cooling function is available as an option on request.

Saves money by maximising efficiency.

The infinitely variable adjustment of output to demand, known as modulation, ensures the best efficiency values over the year.

Compact design saves space.

The UltraSource® requires very little space for installation. The slimline design offers benefits when it comes to transport too.

Quiet operation.

The infinitely variable adjustment of output to demand and the sound-optimised design ensure particularly quiet operation.

State-of-the-art design.

The UltraSource® also sports an attractive design. Thanks to its high-quality appearance, it can even blend inconspicuously into your spare room.



Modulating range of performance for B0W35: 1.8-21.5 kW
Coefficient of performance (COP) for B0W35 and nominal output: 5.1
Sound power level, EN 12102: 41 dB(A)

Standout features in every version.

Corner installation.

The connections have been positioned so that the heat pump can be placed in the corner to save space. The compact design can be positioned in the left corner and the comfort design in the left or right corner.

Integration.

The UltraSource® also requires very little effort during transportation. If space is really at a premium, the compact version with an integrated hot water tank can even be divided up very easily.

Hot water system integration.

The system for generating hot water comes integrated into the compact version. Thanks to the thermal disinfection function, legionella bacteria don't stand a chance. There's no need to install a separate tank. The comfort version also comes prepared for a system that provides hot water, allowing it to be connected more quickly.

Cooling provided by CleverCool.

In summer, the heat pump can cool your rooms, creating a pleasant indoor climate. The best thing about this? The function comes installed in the air/water version. And it can be ordered as an option for the UltraSource® T.

Expandable system controller.

The Hoval product range uses a standardised control strategy: the TopTronic® E system controller. This makes it easy to create virtually any combination of products and systems. Whether you want to add operation via the HovalConnect App or an additional solar plant, systems can be expanded easily at any time.

A collection of new generations

UltraSource® and TopTronic® E.



Room control module

Using the control module installed in your living room, for example, you can even adapt heat pump operation in line with individual daily or weekly programmes. What's the weather forecast? The TopTronic® E control system knows. Every three hours, it retrieves a reliable weather forecast for your location from the Internet and aligns heating operation with this. So you can save energy while looking after the environment and your costs – and still enjoy the same level of comfort.



HovalConnect

The HovalConnect online service allows you to operate your system via the Internet from home or via an app when you are on the go. The service is accessed using a personal password. The software is easy to use and provides an overview of your system in the form of graphics. It allows you to optimise your system and reduce costs.



HovalConnect App

Stay flexible with everything available at a glance. Let's say you've decided to head home from work a little earlier than usual – just increase the temperature and look forward to reaching your cosy, warm house. If you want to control your heating while you're out and about, you can do this quickly from the HovalConnect App for your smartphone.

System solutions

Flexible combinations with the system controller.

One control system for everything.

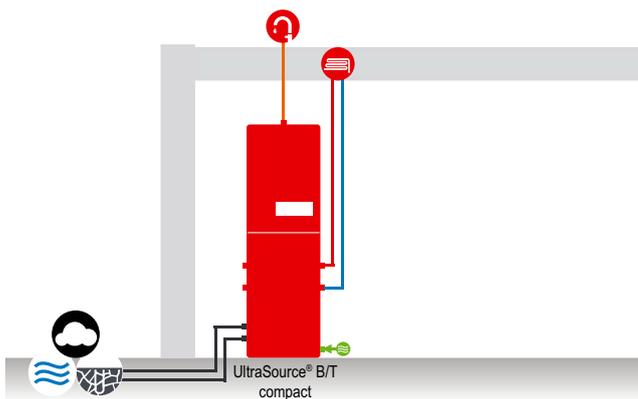
The TopTronic® E regulates the operation of the UltraSource® – and can do even more than that. The system controller brings together the heat pump, water tank and residential ventilation into one efficient universal system. All of the components in this system are carefully tuned so that they get as much power from as little energy as possible.



Hoval Solutions

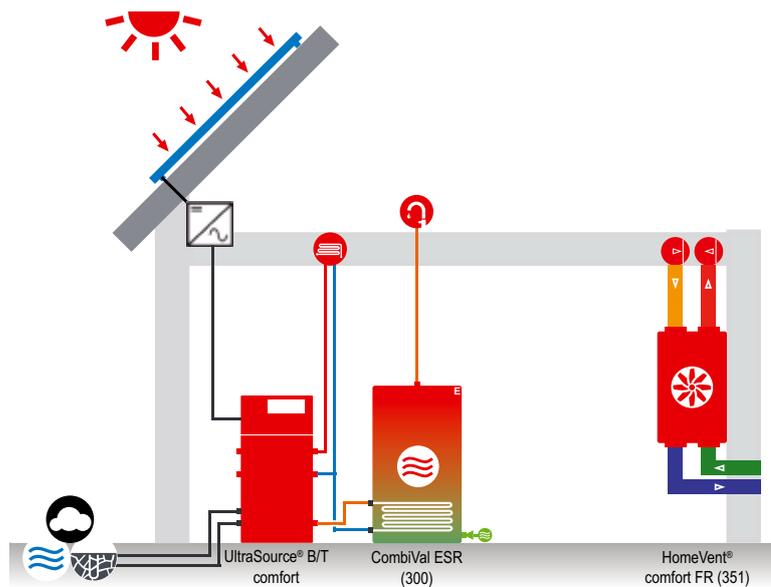
UltraSource® as a system solution.

A straightforward, compact system for single-family homes.



The UltraSource® compact heats rooms exactly as is needed using underfloor heating, and provides hot water. The water is stored in the integrated tank until it is needed. The system is operated using the TopTronic® E system controller's room control unit and a smartphone with the HovalConnect App.

Featuring photovoltaics and comfort ventilation: HSolution for saving even more energy.



The UltraSource® compact heats rooms exactly as is needed using underfloor heating, and heats the service water that is stored in the CombiVal. The photovoltaic modules provide the majority of the electrical energy required by the UltraSource®. The TopTronic® E system controller's room control unit is also used for operating not only the heating, but also the HomeVent® comfort ventilation. It conveys fresh air into the rooms and recovers both heat and humidity from the extract air. The system can also be operated using a smartphone with the HovalConnect App.

We are there for you. And we have been for generations.

Consulting and design

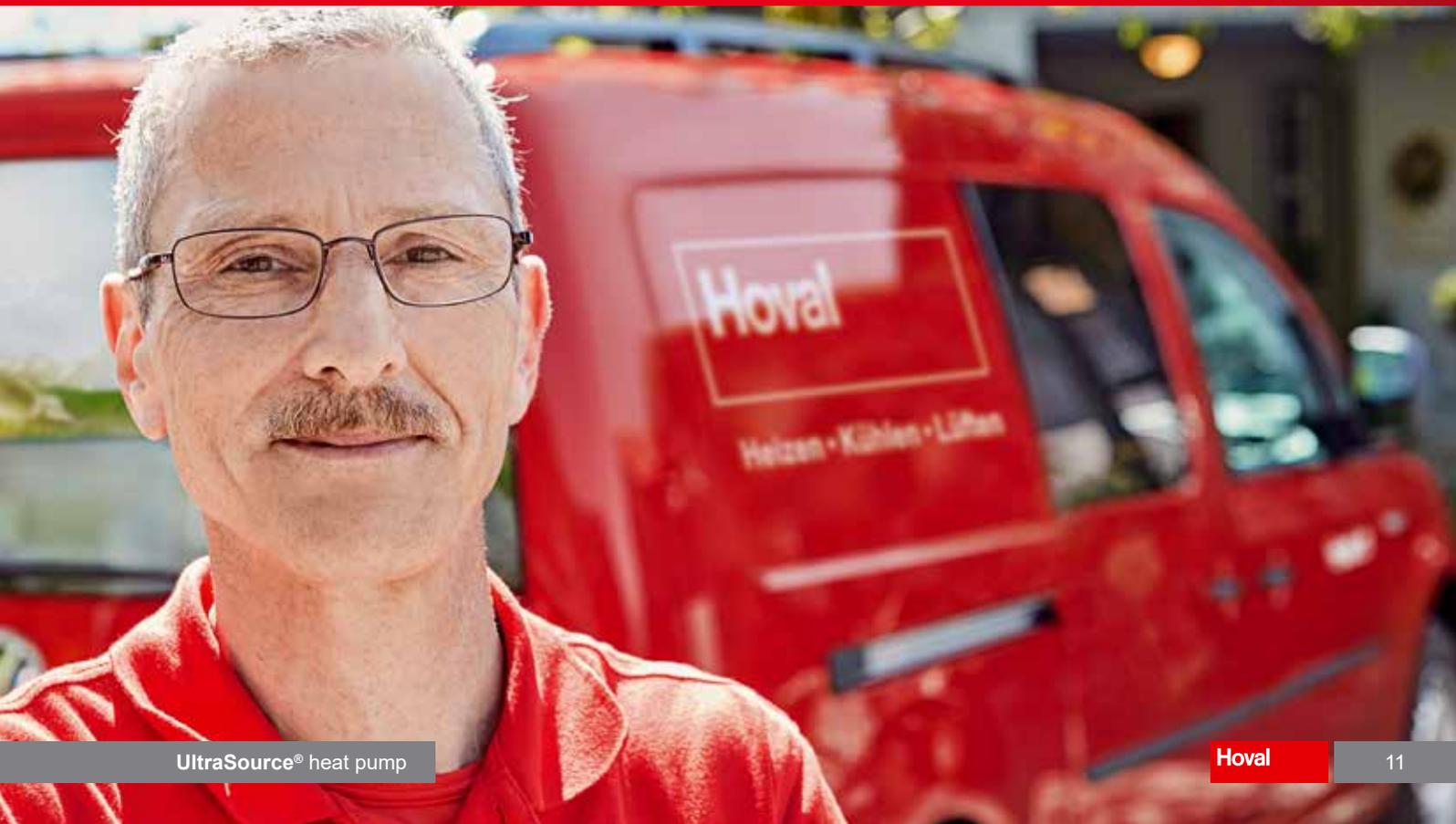
Whether you're looking for a heating, cooling or ventilation solution, for a new building or a renovation project, Hoval is here to give you expert advice. Do you design, install or operate systems? Or are you an investor? Then we speak your language. Experienced Hoval consultants gain an in-depth understanding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

System solutions

To control a universal Hoval system, all you need is one system controller. The individual components work in perfect harmony, allowing them to deliver increased output and use less energy. Operating a universal system costs less than operating a collection of individual components.

Service expertise

Do you need to have a system commissioned or serviced? Hoval customer service technicians in Germany, Austria and Switzerland are here to help. Regular maintenance will give your system a longer service life. Your investment will maintain its value over several 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

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Your Hoval partner

