

Future-proof and wonderfully quiet The new heat pump generation from Bosch

March 2023

- ▶ Natural refrigerant R290 ensures future-proof operation.
- ▶ Wonderfully quiet for use in densely populated neighbourhoods
- ▶ Side-by-side installation concept for a fully electrified home

Wernau – Bosch listened carefully when developing the new Compress 5800i AW and Compress 6800i AW air/water heat pumps. The result: the practical experience of real PHC professionals and the expertise of the heating brand take environmentally friendly heat supply to a new level. Future-proof, fully electric and quieter than ever – the new additions at Bosch are suited for almost every application. The Compress 5800i AW and the Compress 6800i AW are operated with the natural refrigerant R290 (propane). Compared to fluorinated hydrocarbons, the natural raw material propane does not fall under the F-Gas Regulation and has a lower global warming potential. Propane thus ensures future-proof and sustainable heat supply. In addition, the refrigerant R290 is widely available and highly efficient.

Wonderfully quiet: consistently thought-out sound design

The new heat pumps have been sound-optimised from the ground up. Thanks to integrated sound diffusers, they are among the quietest heat pumps in their class. Both devices impress with their low sound level, in day and night mode alike. Which is why the Compress 5800i AW and the Compress 6800i AW can also be installed in densely populated terraced housing estates without disturbing the peace of the neighbourhood. Five output ratings moreover meet almost every individual need. With maximum flow temperatures of up to 60 degrees, the Compress 5800i AW ensures reliable heat supply in new buildings. The Compress 6800i AW, which can provide flow temperatures of up to 75 degrees, is also suited for heating refurbished single and multi-family homes. In case of radiators designed for flow temperatures of up to 55 degrees, the heat pump can still be operated efficiently at lower outdoor temperatures without using the heating rod.

Flexible, quick and space-saving installation

The compact outdoor unit and its extensive range of accessories allow flexible placement around the house. With the various plug-and-play hydraulic solutions of the new generation of monobloc heat pumps, Bosch offers a suitable solution for every application. In the new space-saving all-in-one tower variant, the Compress 5800i AW M features an integrated 180-litre domestic hot water storage tank and a 16-litre buffer storage tank. The advantage: quick installation on a footprint of only 0.36 m². This makes it ideal for use in new buildings. With a height of only 71 cm in the wall-mounted version, it is flexible and quick to install also thanks to the integrated 3-way switching valve for the generation of domestic hot water. The plug-and-play Compress 6800i AW MB buffer tower variant with optionally up to two heating circuits and an integrated 70-litre buffer storage tank concept with a reduced overall height of only 1.2 m is ideally suited for flexible and easy installation in refurbished and new buildings.

PHC professionals maintaining and repairing the heat pumps on site benefit from the easy accessibility of all hydraulic components, which are hidden directly behind the devices' removable front.

Easily connected

The Connect Key K 30 RF allows PHC professionals to connect the heat pumps to the internet. The Connect Key is included in the scope of delivery of the Compress 6800i AW. Once the heat pump is connected to the internet, applications such as HomeCom Pro facilitate remote monitoring and maintenance of the system. The heat pumps are controlled via the integrated UI800 user interface. Users can easily make settings on the heat generator's intuitive colour touch display or via the HomeCom Easy app.

Side-by-side to the electrified home

The Vent 5000 C central ventilation system optimally supplements the heat pump in new buildings. This creates a perfectly matched overall solution, both visually in the coordinated side-by-side design and technically via the common UI800 control system, which achieves particularly high levels of efficiency in combination with the Energy Manager from Bosch. Once the heat pump has been integrated into the intelligent network with components such as a photovoltaic system, ventilation system and EV charging station, the result is a fully electrified home in which the Energy Manager from Bosch intelligently controls all power flows. Using self-generated electricity thus promotes independence from the grid and climate-friendly energy management within one's own four walls.



Bosch press photo 01:

The compact outdoor unit of the new heat pump generation and its extensive range of accessories allow flexible placement around the house. (Source: Bosch)



Bosch press photo 02:

The Compress 5800i AW and the Compress 6800i AW are operated with the natural refrigerant R290. This makes them both environmentally friendly and future-proof. In addition, three different indoor units meet every individual need. (Source: Bosch)



Bosch press photo 03:

With a height of only 71 cm in the wall-mounted version, the heat pump is flexible and quick to install also thanks to the integrated 3-way switching valve for the generation of domestic hot water. (Source: Bosch)



Bosch press photo 04:

In the tower variant, the Compress 5800i AW M features an integrated 180-litre domestic hot water storage tank and a 16-litre buffer storage tank. The advantage: quick installation on a footprint of only 0.36 m². This makes it ideal for use in new buildings. (Source: Bosch)

**Bosch press photo 05:**

PHC professionals maintaining and repairing the heat pumps on site benefit from the easy accessibility of all hydraulic components, which are hidden directly behind the devices' removable front. (Source: Bosch)

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The Bosch heating and air conditioning brand offers sustainable solutions for heating, cooling and greater comfort and well-being throughout the home. The product portfolio comprises efficient, resource-saving and future-oriented heat pumps, hybrid solutions, solar thermal systems, electric water heaters, air conditioners as well as intelligent energy management systems including home charging solutions for electromobility. The product portfolio is complemented by a comprehensive range of digital tools and services that facilitate the daily work of PHC professionals. The technical solutions from Bosch cover all requirements of new buildings and modernisation projects and are quick and easy to install, simple to maintain and effortless to connect.

For maximum comfort and well-being in your own home, Bosch also offers solutions for better air and water quality. These include home ventilation systems, air purifiers and bathroom fans for clean and fresh air, and water softeners for perfect water quality throughout the home. The well-being portfolio of the Bosch heating and air conditioning brand is completed by infrared panels, bathroom radiators, electric heaters and other indoor climate solutions.

More information as well as press texts and images are available for download on the website at www.bosch-einfach-heizen.de.