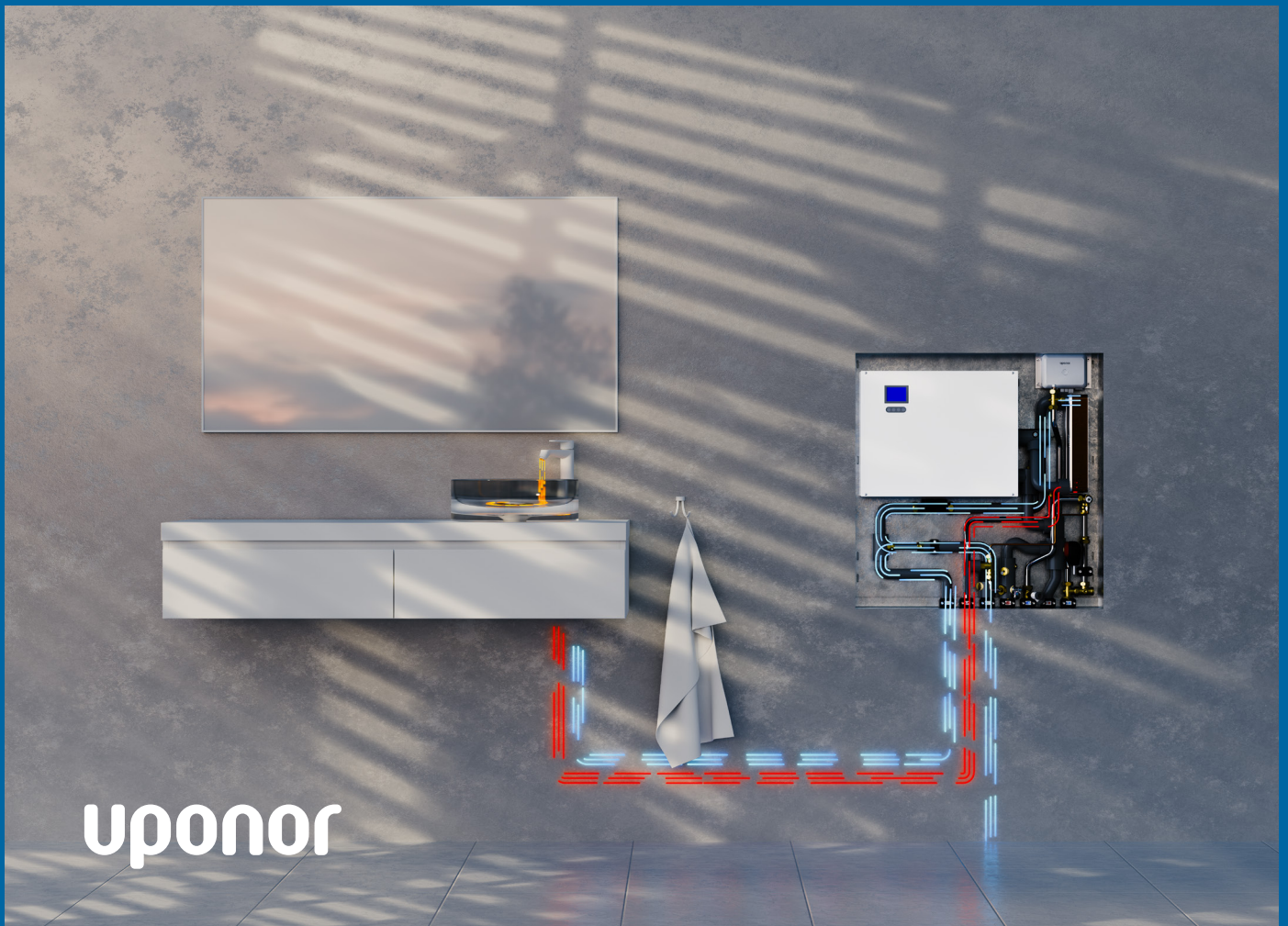


Uponor Combi Port E-Hybrid

Pre-fab Heat Interface Unit



Introducing Uponor Combi Port E-Hybrid

The next generation water system solution for low temperature systems

More comfort, less water waste: no more waiting for hot water

As buildings transition from gas to heat pumps, ensuring efficient and hygienic hot water delivery is more crucial than ever. Combining heat pumps with on-demand domestic hot water systems, such as Heat Interface Units (HIUs), can reduce flow rates, leading to user discomfort and increased energy consumption.

What if we could optimize tap water flow rates and boost energy efficiency at the same time?

The **Uponor Combi Port E-Hybrid** is the first flat station HIU with an integrated electric booster on the heating side. Designed for modern, energy-efficient buildings, it delivers instant hot water, significantly higher flow rates without pressure loss, and enhanced hygiene without the need for additional booster pumps.

Engineered for sustainability, comfort, and simplicity, it sets the new standard in on-demand water solutions.





Key Features

The Technology Behind the Comfort

The Uponor Combi Port E-Hybrid sets a new benchmark in decentralized hot water delivery for energy-efficient buildings. It combines trusted HIU technology with smart innovations, like an integrated electric booster and enhanced flow performance, to deliver maximum comfort, hygiene, and installation simplicity in low-temperature systems.



Integrated Electric Booster

Ensures higher tap flow and eliminates pressure loss on the hot water side



Decentralized On-Demand System

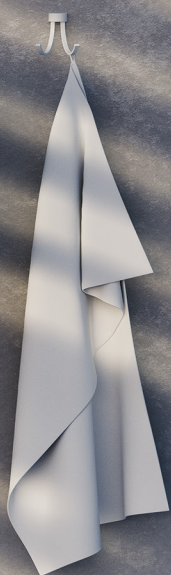
Minimizes stagnation, supports hygiene and legionella risk reduction



Compact Prefab Design

Ready-to-install unit saves up to 1/3 of setup time





Low pressure losses on drinking water side (max. 450 mbar)



Maximum tapping rate of 15 L/min with supplied temperature of 38°C

Benefits

Built Around Your Needs

The Uponor Combi Port E-Hybrid brings clear advantages to both installers and end-users by merging optimized hydraulic performance with a high level of prefabrication. It simplifies planning and installation while delivering instant hot water, improved hygiene, and reduced energy consumption.



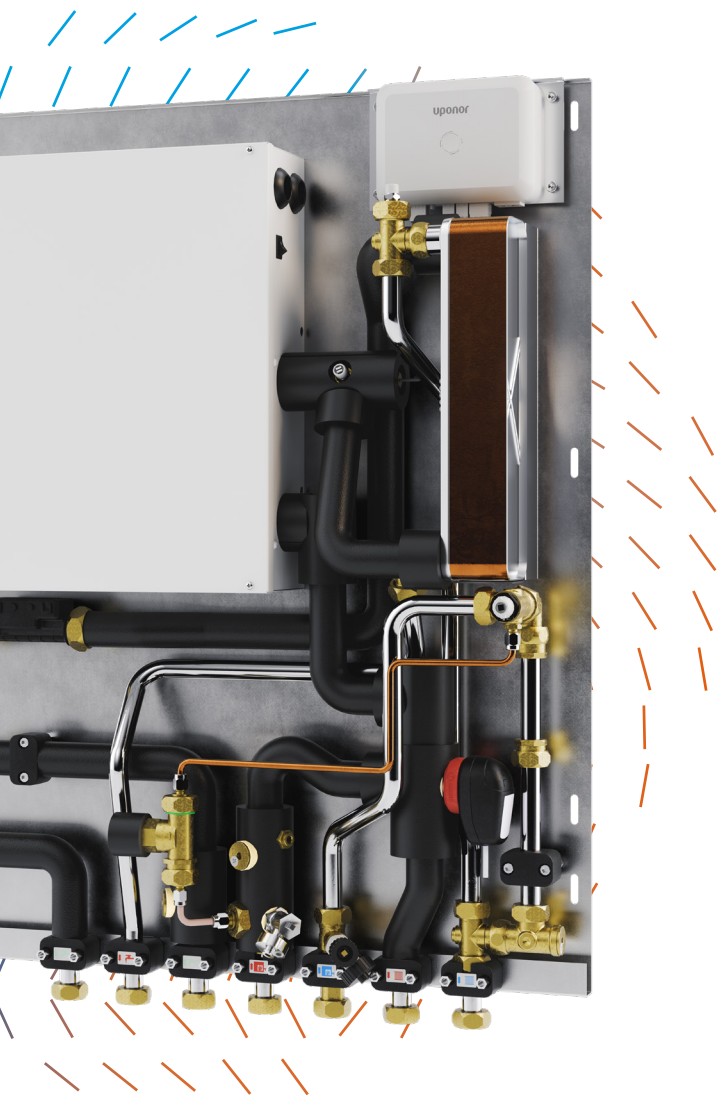
18% Energy Savings

In Heat Pump installations, optimizing performance and reducing energy consumption



25% Increased Maximum Flow Rate

For higher comfort: 15 L/min compared to previous 12 L/min



88% Less Pressure Drop

In normal operation: Pressure drop reduced to 0.2 Bar @ 9 L/min, down from 1.7 Bar



Installer Benefits

Quick setup with prefabricated unit saves up to 1/3 installation time

Fewer components to plan, transport, and connect

High degree of industrial prefabrication and quality, without the need for an extra booster pump



End-User Benefits

Instant hot water with improved comfort (15 L/min)

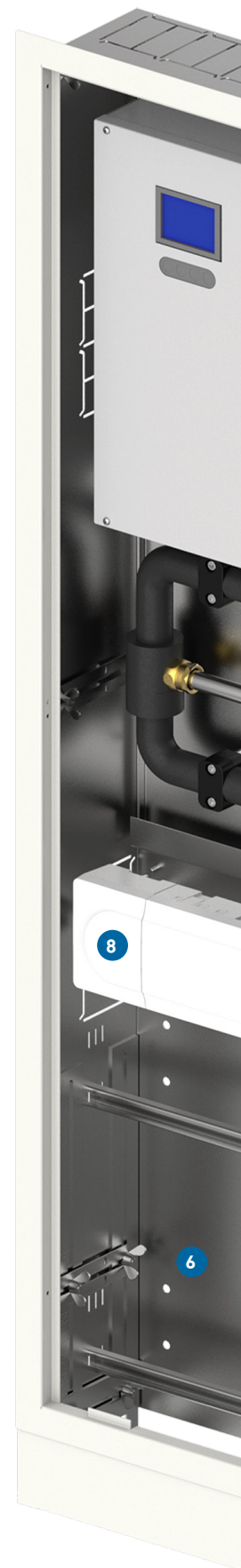
Reduced energy consumption and running costs

Enhanced hygiene with reduced water stagnation, significantly decreasing the risk of legionella

Engineered for Excellence

At the heart of the Uponor Combi Port E-Hybrid lies a carefully engineered system of high-performance components, all working together to deliver reliable comfort, energy savings, and long-term durability. From the high-output Electric Booster to the responsive 3-Way Motor Valve and Modbus-enabled controller, each element is purpose-built to meet the demands of modern heating and hot water systems.

1. Electric Booster on primary side (14.4kW / 400V / 25A)
2. Uponor own controller – with limiting electric power
3. Modbus connectivity – for external control and monitoring)
4. 3-Way Motor Valve with fast speed
5. Coated heat exchanger – suitable for aggressive water
6. Cabinet with ball valve rail and manifolds
7. In-Wall depth of 150mm
8. Space for Uponor underfloor heating controller



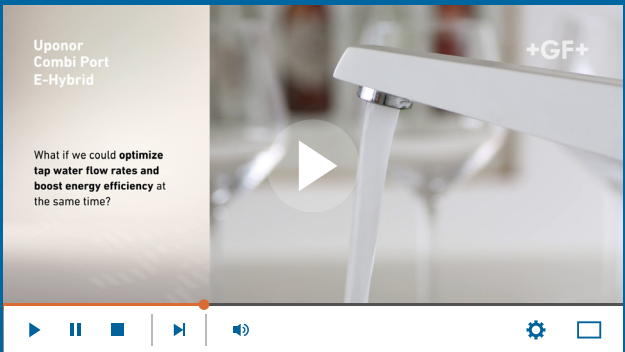


Hot water on demand – without compromises

The Uponor Combi Port E-Hybrid reflects our commitment to smarter, more sustainable water solutions: from engineering to everyday use.



Watch on YouTube
[@UponorEurope](#)



Product Video

Discover how this next-generation Heat Interface Unit transforms hot water delivery with comfort, efficiency, and precision built in



Technical Details Video

Hear directly from one of our product developers about the thinking that brought the Uponor Combi Port E-Hybrid to life



Want to Learn More?

You've now seen how the **Uponor Combi Port E-Hybrid** redefines hot water delivery for modern buildings by offering efficiency, hygiene, and comfort without compromises. But there's always more to explore!

Visit our website to access additional resources, including technical documentation and everything you need to get the most out of the Uponor Combi Port E-Hybrid and our full portfolio of smart water solutions.



Discover more at
uponor.com/e-hybrid

Excellence in Flow

Visit our webpage to get in contact with your local specialist:

www.uponor.com/en-en/services/contacts

