CAELIO SR HP

Domestic hot water cylinder

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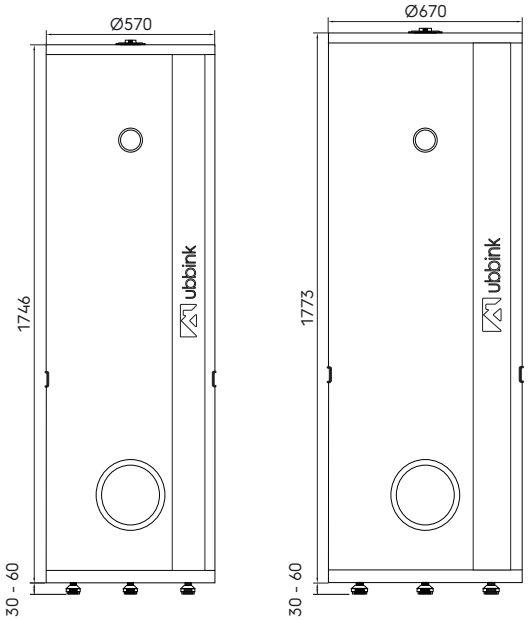
Introduction

The Caelio SR HP domestic hot water cylinders delivers dependable hot water solutions tailored to modern energy-efficient homes. Equipped with a large-surface heat exchanger, this series ensures consistent hot water, even at the lower temperatures typical of today's heating systems. Designed with the energy transition in mind, Caelio supports installers, developers, and homeowners in creating buildings that are both efficient and environmentally responsible.

Features and benefits

- Double coiled heat exchanger ensures rapid, efficient heat transfer for consistently warm water.
- 70mm PU foam insulation ensures energy efficiency with minimal heat loss.
- Integrated inspection opening for easy maintenance and optional heating element installation.
- Fully enamelled interior in accordance with DIN 4753-3 standards. Ensures food grade drinking water protection and superior corrosion resistance.
- Perform optimally with modern heat pump systems.

Product dimensions



B

Caelio SR 200 HP

Caelio SR 300 HP

CE

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Performance

The Caelio SR HP series stands out in performance, featuring a double-coiled heat exchanger with an expansive surface area to facilitate fast and efficient heat transfer. Optimized specifically for heat pumps, the Caelio cylinders deliver consistent hot water and their 70mm of PU foam insulation considerably reduces heat loss. This combination results in high performance with notable energy savings, making Caelio a top choice for modern, energy-conscious homes.

End-user advantage

Beyond functionality, the Caelio SR HP series prioritizes comfort and convenience. Users enjoy a constant supply of hot water without the need for frequent heating cycles, providing ease and reliability for everyday use. With easy maintenance features and long-lasting durability, Caelio enhances comfort while aligning with today's sustainable lifestyle expectations.

Safety, Health, and Environment

Safety and longevity are integral to the Caelio SR HP series. Built with a fully enamelled interior that meets DIN 4753-3 standards, the cylinder ensures corrosion protection and food-grade quality for drinking water. The integrated magnesium anode further safeguards the system by preventing mineral and sediment buildup, contributing to a longer lifespan and sustained performance. Additionally, the cylinder's robust insulation minimizes energy loss, promoting greater energy efficiency in building operations.

Product Support

At Ubbink, we're more than a supplier: we're your partner in expertise. Our commitment to quality extends beyond manufacturing to include comprehensive support and practical guidance. Our team is ready to help with technical advice and installation insights ensuring that your installation performs at its best.

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Technical specifications

Specifications		
Caelio	SR 200 HP	SR 300 HP
Capacity	200 L	300 L
Net capacity	195 L	285 L
Material	Enamelled steel	
Operating pressure cylinder	10 bar	
Operating pressure heat exchanger	10 bar	
Surface heat exchanger	2,6 m^2	3,6 m^2
Max. water temperature	95°C	
ERP class	B	
Stand-by heat loss	59 W	62 W
Stand-by heat loss per day	1,42 kW	1,48 kW
Maximum volume of mixed water at 40°C (V40)	325 L	441 L
Weight	135 kg	173 kg

Flow rate in kW and l/h																	
Caelio SR HP																	
Supply intake temperature	°C	70	70	70	70	80	80	80	80	70	70	70	70	80	80	80	80
Sanitary water outlet temperature	°C	45	45	45	45	45	45	45	45	60	60	60	60	60	60	60	60
Sanitary water intake temperature	°C	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Primary flow rate	l/h	500	1000	2000	3000	500	1000	2000	3000	500	1000	2000	3000	500	1000	2000	3000
Caelio SR 200 HP	kW	19,1	29,3	38,8	43,7	24,1	36,7	48,9	55,1	15,7	23,7	31	34,9	21,5	32,7	43,7	49,4
	l/h	474	725	960	1079	595	907	1208	1361	271	409	537	604	372	566	755	852
Caelio SR 300 HP	kW	23,8	37,3	56	67,3	29,2	47,1	72,4	86,6	19,8	30,1	43,4	51,1	26,2	41,5	61,8	73,8
	l/h	598	936	1403	1686	731	1179	1814	2169	347	528	762	897	458	727	1083	1294

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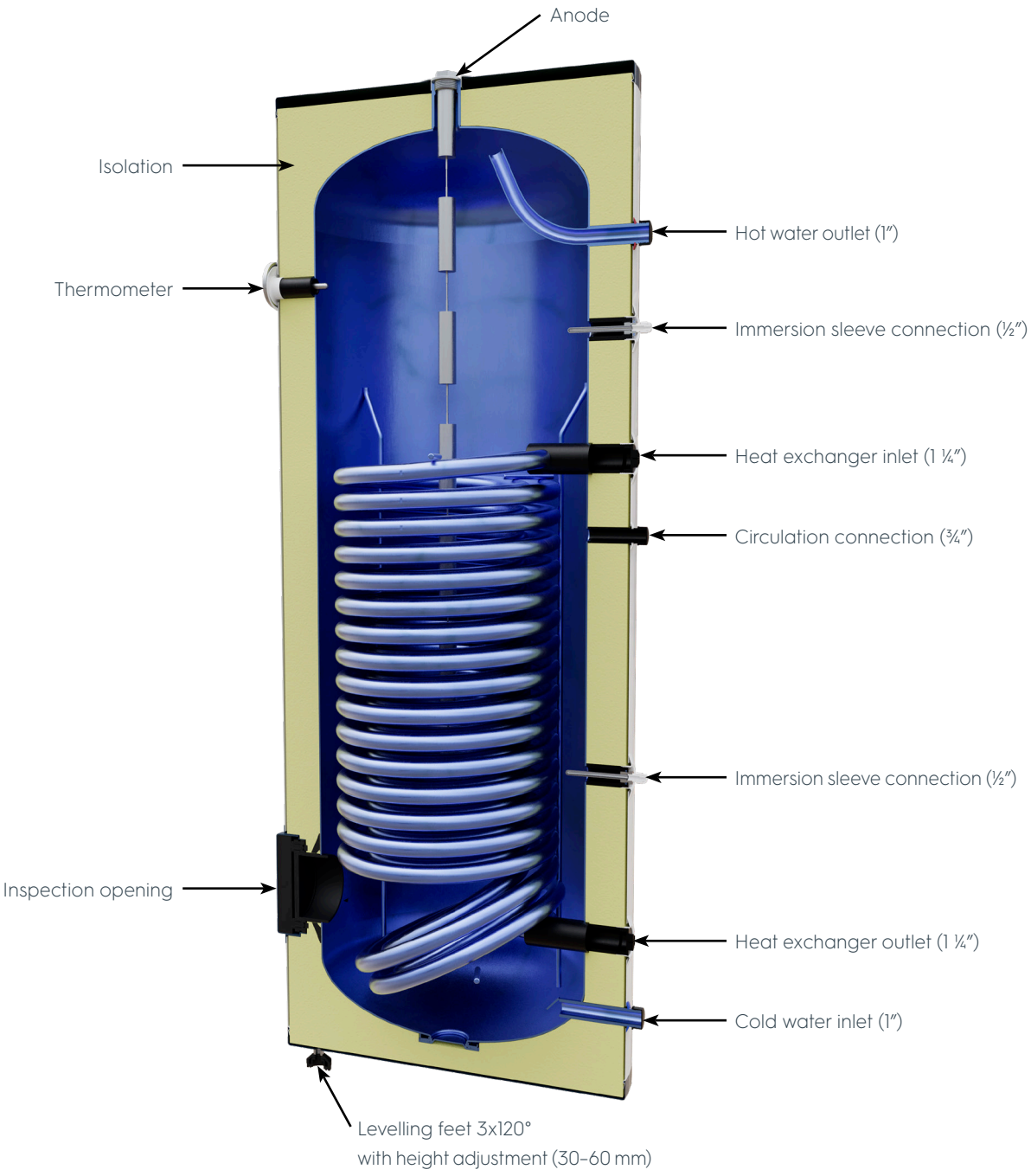
Connections and functions



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