

Product Data Sheet (2020-10-15)

UHP

An indirectly heated water heater with all connections on top including a permanently welded-in heating coil.



Type	Capacity [l]	Dimensions *		Heating surface area [m ²]	Heating capacity [kW] **	Water capacity [l/h] **	Insulation colour	Weight [kg]	###	Order Code
		Ø [mm]	H [mm]							
UHP 110	110	550	805	1.1	24.7	428	white	69	1	19069
UHP 160	160	550	1055	1.3	29.9	519	white	88	1	19075

* Dimensions including insulation.

** At 80 °C supply temperature and 60 °C potable water temperature.



Type	Dimensions			
	A [mm]	B [mm]	C [mm]	D [mm]
UHP 110	35	805	165	95
UHP 160	35	1055	165	95

Technical specifications	UHP	
	110	160
Total heat loss (EN 12897) [W]	65	79
Energy label	C	C
Performance index (T => 60 °C) [NL] *	1.7	2.9
Continuous power (T => 45 °C) [kW] **	35.5	43.2
Continuous power (T => 60 °C) [kW] *	24.7	29.9
Continuous power (PW=> 70 °C) [kW] **	28.5	34.6
Peak flow (T => 40 °C) [l/10 min.] *	110	156
Peak flow (T => 60 °C) [l/10 min.] *	93	134
Continuous output (PW=> 40 °C) [l/h] *	866	1049
Continuous output (PW=> 40 °C) [l/h] **	1059	1286
Continuous output (T => 45 °C) [l/h] **	877	1068

Technical specifications	UHP	
	110	160
Continuous output (T => 60 °C) [l/h] *	428	519
Continuous output (T => 70 °C) [l/h] **	413	501
First hour output (T => 40 °C) [l/h] *	832	1030
First hour output (T => 60 °C) [l/h] *	450	566
First hour output (T => 70 °C) [l/h] **	437	551
Heat up time (T => 40 °C) [min.] **	6	7
Heat up time (T => 45 °C) [min.] **	8	9
Heating surface of the coil [m ²]	1.10	1.30
Pressure drop coil 80/60 °C [kPa]	3.1	5.6
Heated potable water flow (T => 60 °C) [l/h] *	1000	1300
Set drain rate [l/min]	10	15

* Hot leg temperature: 80 °C, cold water temperature: 10 °C.

** Hot leg temperature: 90 °C, cold water temperature: 10 °C.

Advantages

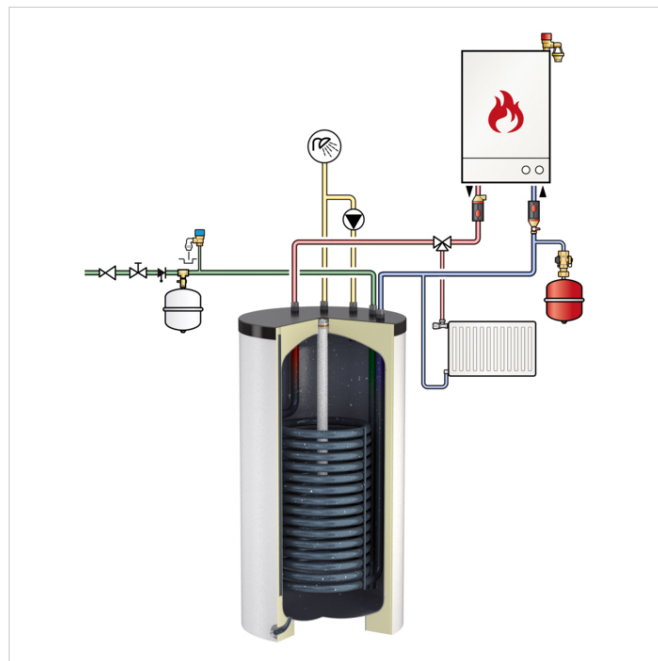
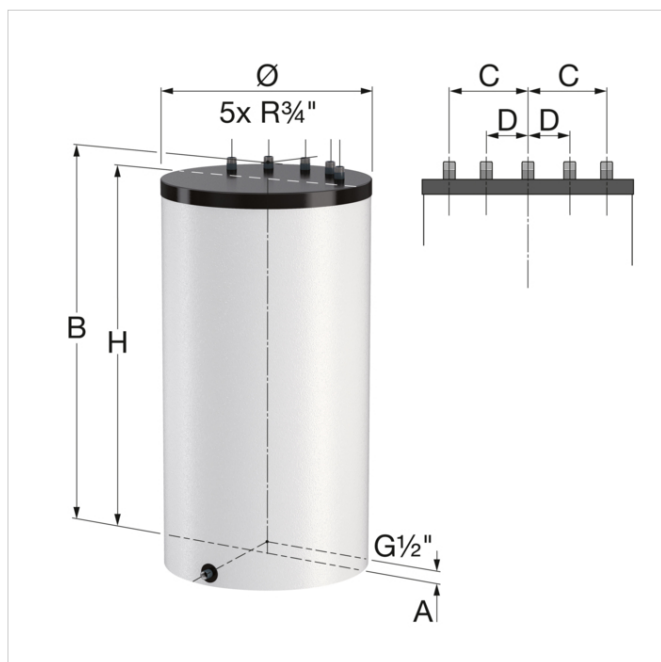
- High-quality glass lining according to DIN 4753/part 3.
- High exchange performance by a very large heating surface area.
- Equipped with an immersion pipe for temperature sensor; drain connection at the side.
- All system connections are located at the top.
- Including a standard Mg-anode.
- Special version including a thermometer and cleaning & inspection flange available upon request.

Technical information

- Maximum working pressure: 10 bar (potable water vessel) / 16 bar (heating coil).
- Maximum working temperature: 95 °C (potable water vessel) / 130 °C (heating coil).
- Insulation:

Standard colour: white (RAL 9010).

Including hard foam insulation (direct foam injection) with a polystyrene outer shell.



Find more information online:

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