

## Product Data Sheet (2021-03-19)

### FlexTherm Duo Solar 200 - 500

An indirectly heated and upright water heater including two permanently welded-in heating coils, suitable for all modern heating systems. Special construction for combinations with solar systems.



Type	Capacity [l]	Dimensions *			Heating surface area [m <sup>2</sup> ] **	Heating capacity [kW] ***	Water capacity [l/h] ***	Insulation colour	Weight [kg]	###	Order Code
		Ø [mm]	H [mm]	Tilting height [mm]							
<b>FlexTherm Duo Solar 200</b>	200	560	1350	1500	0.5 / 0.9	12.0 / 18.6	208 / 323	white	96	1	18508
<b>FlexTherm Duo Solar 200</b>	200	560	1350	1500	0.5 / 0.9	12.0 / 18.6	208 / 323	white alu.	96	1	18509
<b>FlexTherm Duo Solar 300</b>	300	660	1620	1750	1.0 / 1.3	21.7 / 29.7	376 / 513	white	125	1	18431
<b>FlexTherm Duo Solar 300</b>	300	660	1620	1750	1.0 / 1.3	21.7 / 29.7	376 / 513	white alu.	125	1	18448
<b>FlexTherm Duo Solar 400</b>	400	750	1530	1715	1.0 / 1.6	23.6 / 35.4	410 / 615	white	176	1	18233
<b>FlexTherm Duo Solar 400</b>	400	750	1530	1715	1.0 / 1.6	23.6 / 35.4	410 / 615	white alu.	176	1	18367
<b>FlexTherm Duo Solar 500</b>	500	750	1730	1895	1.0 / 2.0	23.6 / 45.2	410 / 785	white	199	1	18239
<b>FlexTherm Duo Solar 500</b>	500	750	1730	1895	1.0 / 2.0	23.6 / 45.2	410 / 785	white alu.	199	1	18372

\* Dimensions including insulation.

\*\* Upper/lower heating surface area.

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

Type	Distance from floor to connection centres								
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	K [mm]	L [mm]	M [mm]
<b>FlexTherm Duo Solar 200</b>	65	245	-	710	545	-	885	1085	1285
<b>FlexTherm Duo Solar 300 Ø660</b>	65	310	-	750	850	845	950	1270	1560
<b>FlexTherm Duo Solar 400</b>	70	330	345	770	860	870	970	1250	1470
<b>FlexTherm Duo Solar 500</b>	70	330	345	890	980	990	1090	1370	1670

### Advantages

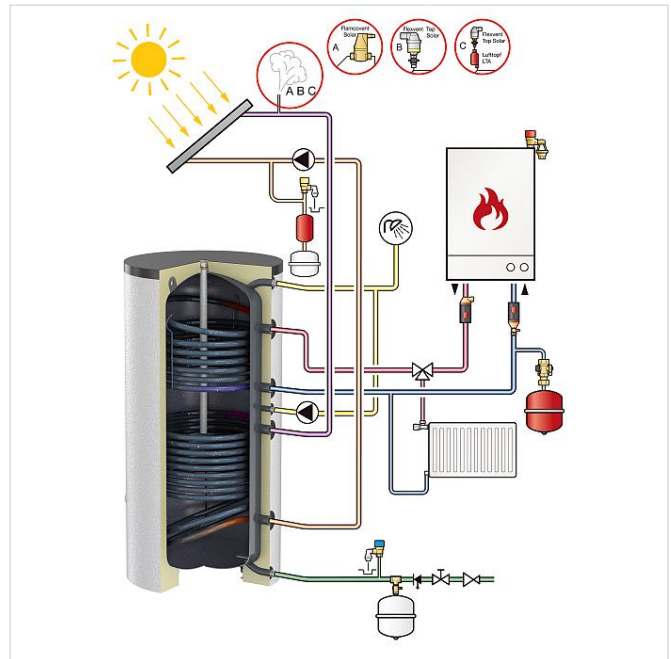
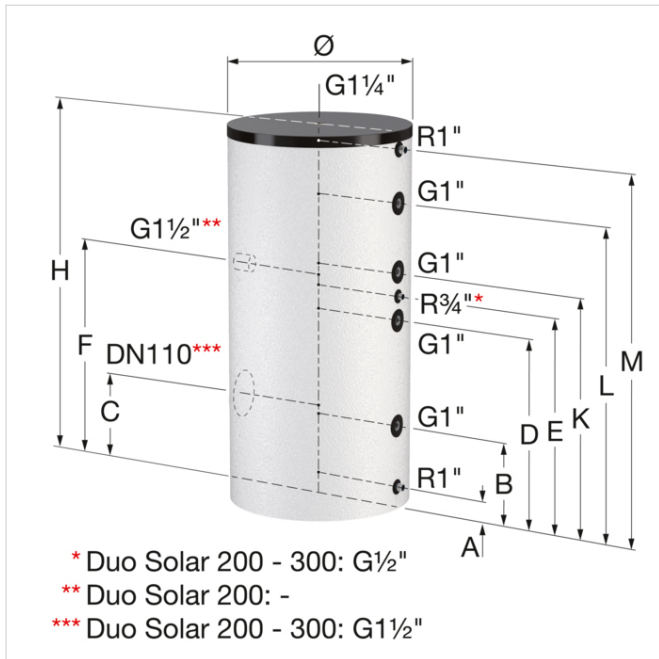
- High-quality glass lining according to DIN 4753/part 3 for potable hot water production and optimum corrosion protection by means of a standard Mg-anode.
- Equipped with a built-in thermometer and immersion pipe.
- A set of adjustable feet is optionally available (Art.No. 18989).
- From 400 litres, equipped with a DN 110 inspection flange at the side, suitable for connecting additional heating elements; Ex Works - closed with removeable blind flange.
- The heating coil is designed to ensure full depth heating to prevent the accretion of Legionella bacteria.

### 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 colours: white (RAL 9010) and white aluminium (RAL 9006).

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



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Flamco Group  
 Plotterweg 31  
 3821 BB, Amersfoort - nl  
 T +31 33 299 75 00  
 E [info@flamcogroup.com](mailto:info@flamcogroup.com)  
 I [flamcogroup.com](http://flamcogroup.com)