

G-Energy Coil Water Heater

Equipped with coils, G-Energy Coil is suitable for heating domestic hot water together with a heat pump.

The G-Energy Coil water heater is available in 501, 750 and 1000 liter models in 6 bar pressure class. Depending on the size, the water heater includes two to five 25-metre-long coils. The 501L model is equipped with 2-3 coils, the 750L model is equipped 3-4 coils and the 1000L model with 2-5 coils. The domestic hot water is heated in coils with maximum pressure of 10 bar.

The 501 and 1000L models come with two connections for electric immersion heaters and the 750L model with three connections. The electric immersion heaters are ordered separately.

The accumulator tank is made out of steel, primed, and pressure tested. The insulation of 501 and 1000-liter is made out of die-cast closed-cell polyurethane, which has extremely good thermal insulation capacity and minimal thermal loss. As standard, the insulation is made out of detachable segments, which are easy to detach and reattach. The outer surface of the insulation segments is made out of painted steel plate with a protective coating.

The steel base on the base of the accumulator makes hauling easier. The base has two parts; the lower section can be removed before installation. When lowered, the height of the 501-litre accumulator is 90 mm, the 750-litre accumulator 130 mm and the 1000-litre accumulator 150 mm lower compared to the standard.

The accumulator has levelling feet with a 60 mm adjustment tolerance that makes it easy to set the accumulator to stand vertically.



Tank connections and connection sizes

1. Coil, Cu22
2. Charging, R2"
3. Venting, R1"
4. Electric immersion heater, R2"
5. Drainage, R1"
6. Measurement, R1/2" the lowermost in front R1" (5/6)



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Model		Coil 501 2x25	Coil 501 3x25	Coil 750 3x25	Coil 750 4x25	Coil 1000 2x25	Coil 1000 3x25	Coil 1000 4x25	Coil 1000 5x25
GTIN		641585 2380585	643007 9400540	64033079 400113	64033079 400137	64158 52380622	64158 52380639	64158 52380646	64300 79400854
Tank capacity	L	501	501	750	750	1000	1000	1000	1000
Height	mm ¹	2030	2030	2100	2100	2150	2150	2150	2150
Height when lowered	mm ¹	1940	1940	1970	1970	2000	2000	2000	2000
Diameter	mm ²	600 / 780	600 / 780	750 / 930	750 / 930	850 / 1030	850 / 1030	850 / 1030	850 / 1030
Tilt measurement	mm ³	2100	2100	2100	2100	2200	2200	2200	2200
Weight	kg	225	245	305	330	305	330	350	380
Connection sizes, #2		2"	2"	2"	2"	2"	2"	2"	2"
Number of coils	pc	2	3	3	4	2	3	4	5
Recommended flow in coils	l/s	0.7	1.05	1.05	1.4	0.7	1.05	1.4	1.75
Number of electric immersion heater connections	pc	2	2	3	3	2	2	2	2
Maximum electric immersion heater capacity	kW	12	12	12	12	12	12	12	12
Max temperature	°C	110	110	110	110	110	110	110	110
Max oper. pressure	bar	6	6	6	6	6	6	6	6

¹ +Levelling feet 0-60mm ² Measurements: insulation removed/installed (insulation thickness 90mm) ³Tilt measurement with insulation detached