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 3 and 6 bar pressure classes. Depending on the size, the water heater includes one to four 25-metre-long coils. The 501L model is equipped with 1-2 coils. The 750L and the 1000L models are equipped with 1-4 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 insulation in 750-litre SV buffer tank is made of polyester fibre, and the insulation has PVC coating. The removable insulation can be removed by opening the zipper.

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)

G-Energy Coil Water Heater 501 L

Model		Coil 501 1x25 3 BAR	Coil 501 1x25 6 BAR	Coil 501 2x25 3 BAR	Coil 501 2x25 6 BAR	Coil 501 3x25 3 BAR	Coil 501 3x25 6 BAR
GTIN		641585 2380554	641585 2380578	641585 2380561	641585 2380585	643007 9400526	643007 9400540
Tank capacity	L	501	501	501	501	501	501
Height	mm*	2030	2030	2030	2030	2030	2030
Height when lowered	mm*	1940	1940	1940	1940	1940	1940
Diameter	mm**	600 / 780	600 / 780	600 / 780	600 / 780	600 / 780	600 / 780
Tilt measurement	mm***	2100	2100	2100	2100	2100	2100
Weight	kg	205	205	225	225	245	245
Connection sizes, #2		2”	2”	2”	2”	2”	2”
Number of coils	pc	1	1	2	2	3	3
Recommended flow in coils	l/s	0.35	0.35	0.7	0.7	1.05	1.05
Number of heater connections	pc	2	2	2	2	2	2
Max electric immersion heater capacity	kW	12	12	12	12	12	12
Max temperature	°C	110	110	110	110	110	110
Max oper. pressure	bar	3	6	3	6	3	6

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

G-Energy Coil Water Heater 750 L

Model		Coil 750 1x25 3 BAR	Coil 750 1x25 6 BAR	Coil 750 2x25 3 BAR	Coil 750 2x25 6 BAR	Coil 750 3x25 3 BAR	Coil 750 3x25 6 BAR	Coil 750 4x25 3 BAR	Coil 750 4x25 6 BAR
GTIN number (**64033079**..)		400069	400076	400083	400090	400106	400113	400120	400137
Tank capacity	L	750	750	750	750	750	750	750	750
Height	mm*	2100	2100	2100	2100	2100	2100	2100	2100
Height when lowered	mm*	1970	1970	1970	1970	1970	1970	1970	1970
Diameter	mm**	750 / 930	750 / 930	750 / 930	750 / 930	750 / 930	750 / 930	750 / 930	750 / 930
Tilt measurement	mm***	2100	2100	2100	2100	2100	2100	2100	2100
Weight	kg	225	255	250	280	275	305	300	330
Connection sizes, #2		2”	2”	2”	2”	2”	2”	2”	2”
Number of coils	pc	1	1	2	2	3	3	4	4
Recommended flow in coils	l/s	0.35	0.35	0.7	0.7	1.05	1.05	1.4	1.4
Number of electric immersion heater connections	pc	3	3	3	3	3	3	3	3
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 operating pressure	bar	3	6	3	6	3	6	3	6

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

G-Energy Coil Water Heater 1000 L

Model		Coil 1000 1x25 3 BAR	Coil 1000 1x25 6 BAR	Coil 1000 2x25 3 BAR	Coil 1000 2x25 6 BAR	Coil 1000 3x25 3 BAR	Coil 1000 3x25 6 BAR	Coil 1000 4x25 3 BAR	Coil 1000 4x25 6 BAR	Coil 1000 5x25 3 BAR	Coil 1000 5x25 6 BAR
GTIN		64158 52380776	64158 52380783	64158 52380592	64158 52380622	64158 52380608	64158 52380639	64158 52380615	64158 52380646	64300 79400861	64300 79400854
Tank capacity	L	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Height	mm*	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150
Height when lowered	mm*	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Diameter	mm**	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030
Tilt measurement	mm***	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
Weight	kg	295	295	305	305	330	330	350	350	380	380
Connection sizes, #2		2”	2”	2”	2”	2”	2”	2”	2”	2”	2”
Number of coils	pc	1	1	2	2	3	3	4	4	5	5
Recommended flow in coils	l/s	0.35	0.35	0.7	0.7	1.05	1.05	1.4	1.4	1.75	1.75
Number of electric immersion heater connections	pc	2	2	2	2	2	2	2	2	2	2
Maximum electric immersion heater capacity	kW	12	12	12	12	12	12	12	12	12	12
Max temperature	°C	110	110	110	110	110	110	110	110	110	110
Max oper. pressure	bar	3	6	3	6	3	6	3	6	3	6

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