

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 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 framework on the base of the accumulator makes hauling easier. 1,000-litre accumulators are also available in a low-height model. In the model, the steel framework on the base of the accumulator has two parts; the lower section can be removed before installation. The low-height model is 2,000 mm tall with the insulation in place, and 1,980 mm with the insulation detached.



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)



Model		Coil 501 1x25 3 BAR	Coil 501 1x25 6 BAR	Coil 501 2x25 3 BAR	Coil 501 2x25 6 BAR
GTIN		6415852380554	6415852380578	6415852380561	6415852380585
Tank capacity	L	501	501	501	501
Height	mm**	2010 / 2030	2010 / 2030	2010 / 2030	2010 / 2030
Diameter	mm**	600 / 780	600 / 780	600 / 780	600 / 780
Tilt measurement	mm***	2100	2100	2100	2100
Weight	kg	205	205	225	225
Connection sizes, #2		2"	2"	2"	2"
Number of coils	pc	1	1	2	2
Recommended flow rate per coil	l/s	0.35	0.35	0.35	0.35
Number of heater connections	pc	2	2	2	2
Max electric immersion heater capacity	kW	12	12	12	12
Max temperature	°C	110	110	110	110
Max oper. pressure	bar	3	6	3	6

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

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 (64158..)		52380974	52380981	52381001	52381018	52381025	52381032	52381049	52381094
Tank capacity	L	750	750	750	750	750	750	750	750
Height	mm***	2030 / 2130	2030 / 2130	2030 / 2130	2030 / 2130	2030 / 2130	2030 / 2130	2030 / 2130	2030 / 2130
Diameter	mm**	750 / 950	750 / 950	750 / 950	750 / 950	750 / 950	750 / 950	750 / 950	750 / 950
Tilt measurement	mm***	2100	2100	2100	2100	2100	2100	2100	2100
Weight	kg	230	230	230	230	230	230	230	230
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 rate per coil	l/s	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Number of electric immersion heater connections	pc	3	3	3	3	3	3	3	3
Max el. imm. heater capac.	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 100mm) *** Tilt measurement with insulation detached



G-Energy Coil 501 ja 1000 1x25

G-Energy Coil 501 ja 1000 2x25

G-Energy Coil 1000 3x25

G-Energy Coil 750 4x25

G-Energy Coil 1000 4x25

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
GTIN (64158..)	standard	52380776	52380783	52380592	52380622	52380608	52380639	52380615	52380646
	low-heig.	52380905	52380912	52380806	52380837	52380813	52380844	52380820	52380851
Tank capacity	L	1000	1000	1000	1000	1000	1000	1000	1000
Height	standard	mm* **	2130 / 2150	2130 / 2150	2130 / 2150	2130 / 2150	2130 / 2150	2130 / 2150	2130 / 2150
Height	low-height	mm* **	1980 / 2000	1980 / 2000	1980 / 2000	1980 / 2000	1980 / 2000	1980 / 2000	1980 / 2000
Diameter		mm**	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030
Tilt measurement	stand.	mm***	2200	2200	2200	2200	2200	2200	2200
Tilt measurement	low-hei.	mm***	2100	2100	2100	2100	2100	2100	2100
Weight		kg	295	295	305	305	330	330	350
Connection sizes, #2			2"	2"	2"	2"	2"	2"	2"
Number of coils		pc	1	1	2	2	3	3	4
Recommended flow rate per coil		l/s	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Number of electric immersion heater connections		pc	2	2	2	2	2	2	2
Max el. imm. heater capacity		kW	12	12	12	12	12	12	12
Max temperature		°C	110	110	110	110	110	110	110
Max oper. pressure		bar	3	6	3	6	3	6	3

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