

INDIRECT WATER HEATERS WITH THE MAXIMUM SIZE SPIRAL COIL FOR HEAT PUMPS - TYPE SGW(S) TOWER GRAND

Technical specification of the SGW(S) Tower Grand

specification	unit	SGW(S) Tower Grand				
		160	200	300	400	500
storage capacity ¹	l	160	193	297	386	484
ErP polyurethane foam	-	B	B	B	C	B
tank's maximum working pressure	MPa	1,0	1,0	1,0	1,0	1,0
coil's maximum working pressure	MPa	1,6	1,6	1,6	1,6	1,6
tank's maximum working temperature	°C	95	95	95	95	95
coil's maximum working temperature	°C	110	110	110	110	110
coil's surface	m ²	1,4	2,0	2,7	3,8	4,3
coil's capacity	l	9,8	14,0	18,9	26,5	30,5
coil's power (80/10/45°C)	kW	44,8	50,0	64,0	91,0	102,0
coil's power (80/10/60°C)	kW	28,0	40,0	55,0	77,5	87,0
coil's power (50/10/45°C)	kW	10,0	14,0	19,0	28,0	31,0
efficiency (80/10/60°C)	l/h	485	693	953	1342	1507
demand for heating water from CH boiler	m ³ /h	3,0	3,0	3,0	3,0	3,0
magnesium top cover 5/4" plug	mm	38x400	38x400	38x400	38x400	38x600
anode insp. hole M8 screw	mm	38x200	38x200	38x200	38x400	38x200
h1 - cold water inflow (int. thread)	" / mm	1 / 130	1 / 130	1 / 130	1 / 155	1 / 180
h2 - CH water outflow (int. thread)	" / mm	1 / 205	1 / 205	1 / 205	1 / 255	1 / 280
h3 - sensor cover I (Ø)	" / mm	3/8 / 370	3/8 / 370	3/8 / 435	3/8 / 615	3/8 / 560
h4 - sensor cover II (Ø) ²	" / mm	-	-	-	3/8 / 1095	3/8 / 1260
h5 - circulation (int. thread)	" / mm	3/4 / 555	3/4 / 555	3/4 / 650	3/4 / 1195	5/4 / 1370
h6 - CH hot water inflow (int. thread)	" / mm	1 / 685	1 / 900	1 / 1250	1 / 1450	1 / 1615
h7 - DHW outflow (int. thread)	" / mm	1 / 760	1 / 975	1 / 1355	1 / 1555	1 / 1735
d - internal diameter	mm	550	550	550	600	630
D - external diameter	mm	670	670	670	700	755
L - height	mm	920	1140	1615	1750	1950
height when tilted	mm	1130	1320	1750	1850	2090
net weight	kg	76	95	125	185	235

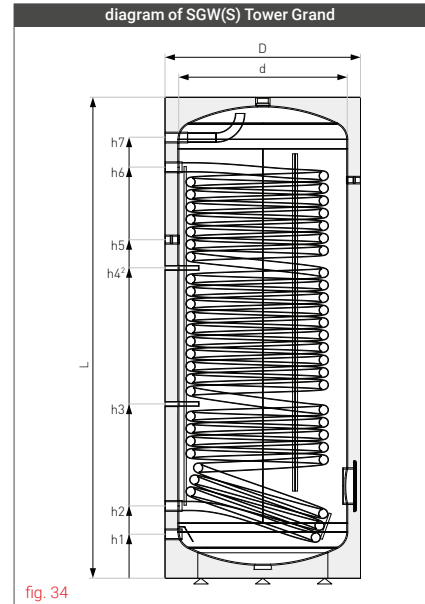


fig. 34

¹ According to the (EU) 812/2013, 814/2013.

² Dotyczy wymienników SGW(S) Tower Grand 400-500.



SGW(S) Tower Grand

cat. no.	type	description
26-168107	160	
26-208107	200	
26-308107N	300	maximum size spiral coil, polyurethane foam, artificial leather / PVC film, EXTRA GLASS® ceramic enamel, magnesium anode
26-408107N	400	
26-504107N	500	

For SGW(S) Tower Grand water heaters we recommend using a maintenance-free active titanium anode connected to the power outlet:

- for types up to 250 (small titanium anode).
- for types between 300 and 500 (large single titanium anode).

Advantages of the SGW(S) Tower Grand

- ▶ Maximum size spiral coil dedicated to heat pumps.
- ▶ Ability to install an electrical set - option.
- ▶ Thermometer in standard.
- ▶ Highest quality EXTRA GLASS® ceramic enamel.
- ▶ Additional protection with magnesium anode.

Electrical sets for self-assembly

cat. no.	description
41-020011	electrical set with heater 2 kW 230 V - K6/4" (I)
41-030011	electrical set with heater 3 kW 230 V - K6/4" (I)
41-045010	electrical set with heater 4,5 kW 400 V - K6/4"
41-060010	electrical set with heater 6 kW 400 V - K6/4"
41-090010	electrical set with heater 9 kW 400 V - K6/4"
41-120010	electrical set with heater 12 kW 400 V - K6/4"
41-045015	electrical set with heater 4,5 kW 400 V - K6/4" Elektronik
41-060015	electrical set with heater 6 kW 400 V - K6/4" Elektronik

We recommend using Galmet's electrical sets for our water heaters.

* Details in the warranty card.

Standard colour of the metal jacket - white; artificial leather / PVC film - grey.
Available housing colours and special equipment - page 38.