



POWER OF POSSIBILITIES

SGW(S) TOWER GRAND 160-500

INDIRECT WATER HEATERS WITH LARGE SPIRAL COIL FOR HEAT PUMPS

Tower Grand is an indirect water heater for heat pumps with an enlarged spiral coil and high heating power. It is an optimal solution for installations with both on-off and inverter type heat pumps. Moreover, a wide range of capacities (from 160 to 500 liters) allows the Tower Grand water heater to work with practically any heat pump, no matter its heating power.

Indirect water heaters with large spiral coil for heat pumps

SGW(S) TOWER GRAND



Advantages of the SGW(S) Tower Grand

- ▶ Faster heating of water thanks to the large surface area of the spiral coil.
- ▶ For inverter and on-off heat pumps.
- ▶ Spiral coil along the entire height of the tank.
- ▶ Ability to install an electrical set - option.
- ▶ Thermometer in standard.
- ▶ Highest quality EXTRA GLASS® ceramic enamel.
- ▶ Additional protection with magnesium anode.
- ▶ Maintenance-free active titanium anode - option.

Technical specification - SGW(S) Tower Grand

specification	unit	SGW(S) Tower Grand					
		160	200	250	300	400	500
catalogue number	-	26-168107	26-208107	26-258107	26-308107N	26-408107N	26-504107N
EAN code	-	5901224573613	5901224573637	5901224582196	5901224573651	5901224573675	5901224573699
pojemność magazynowa ¹	l	160	193	241	297	386	484
ErP  polyurethane foam	-	B	B	B	B	C	B
tank's maximum working pressure	MPa	1,0	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	1,6
tank's maximum working temperature	°C	95	95	95	95	95	95
coil's maximum working temperature	°C	110	110	110	110	110	110
coil's surface	m ²	1,4	2,0	2,4	2,7	3,8	4,3
coil's capacity	l	9,8	14,0	17,0	18,9	26,5	30,5
coil's power (80/10/45°C)	kW	44,8	50,0	56,4	64,0	91,0	102,0
coil's power (80/10/60°C)	kW	28,0	40,0	48,8	55,0	77,5	87,0
coil's power (50/10/45°C)	kW	10,0	14,0	16,8	19,0	28,0	31,0
coil's efficiency (80/10/60°C)	l/h	485	693	832	953	1342	1507
demand for heating water from CH boiler	m ³ /h	3,0	3,0	3,0	3,0	3,0	3,0
magnesium anode	top cover (5/4" plug) insp. hole (M8 screw)	mm mm	38x200 38x200	38x400 38x200	38x400 38x200	38x400 38x400	38x600 38x200
h1 - cold water inflow (int. thread)	" / mm	1 / 130	1 / 130	1 / 130	1 / 130	1 / 155	1 / 180
h2 - CH water outflow (int. thread)	" / mm	1 / 205	1 / 205	1 / 210	1 / 205	1 / 255	1 / 280
h3 - sensor cover I (Ø)	" / mm	3/8 / 370	3/8 / 425	3/8 / 570	3/8 / 435	3/8 / 615	3/8 / 560
h4 - sensor cover II (Ø) ²	" / mm	-	-	-	3/8 / 1050	3/8 / 1095	3/8 / 1260
h5 - circulation (int. thread)	" / mm	3/4 / 555	3/4 / 655	3/4 / 860	3/4 / 1145	3/4 / 1195	5/4 / 1370
h6 - CH hot water inflow (int. thread)	" / mm	1 / 685	1 / 900	1 / 1080	1 / 1250	1 / 1450	1 / 1615
h7 - DHW outflow (int. thread)	" / mm	1 / 760	1 / 975	1 / 1160	1 / 1355	1 / 1555	1 / 1735
d - internal diameter	mm	550	550	550	550	600	630
D - external diameter	mm	670	670	670	670	700	755
L - height	mm	920	1140	1300	1615	1750	1950
net weight	kg	76	95	114	125	185	235

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

² Applies to SGW(S) Tower Grand 300-500.



48-100 Głubczyce,
Raciborska 36
tel.: +48 77 403 45 00
fax: +48 77 403 45 99

export dept.: +48 77 403 45 80
export@galmet.com.pl

www.galmet.eu

