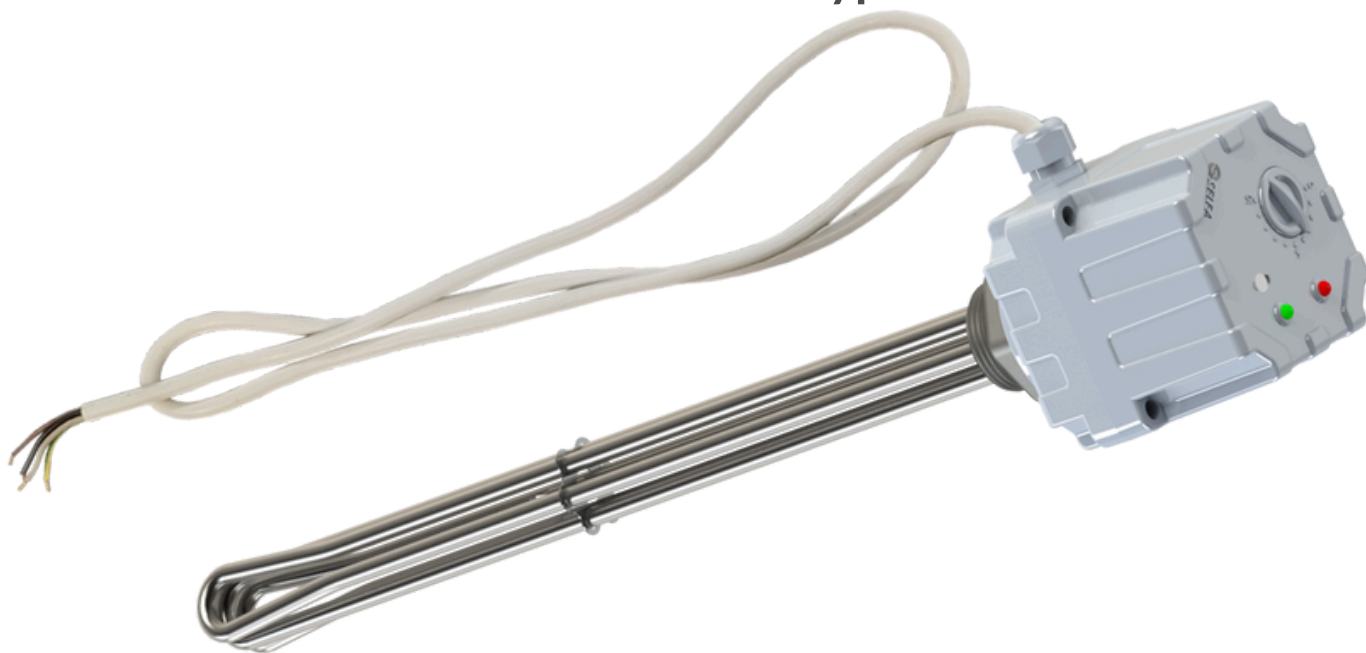


3-Phase Heating Unit with thermostat Series ZGT/ZGTi type 44



Temperature adjustment range:
 $30\text{ }^{\circ}\text{C} (\pm 5\text{ }^{\circ}\text{C}) \div 75\text{ }^{\circ}\text{C} (\pm 3\text{ }^{\circ}\text{C})$

STB activation temperature:
 $98^{\circ}\text{C} +0/-8\text{ }^{\circ}\text{C}$

Application:
water heater

Water resistance rating :
IP 44

Operating pressure:
max. 10 bar



Freeze Protection
maintaining water temperature
in the tank at a level of $+7,5 \pm 6\text{ }^{\circ}\text{C}$



**Intended for use in enameled
and stainless steel tanks.**
(AISI 316L, Incoloy 825)

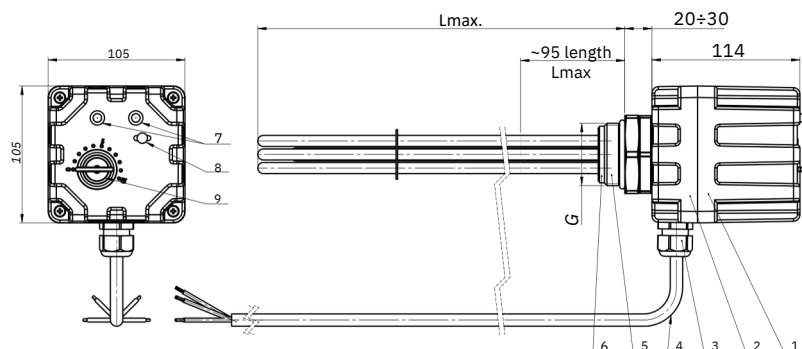


Solid housing
featuring fiberglass reinforcement



Made in Poland

Technical data



1. Housing cover
2. Housing body
3. Cable gland
4. Power cord L = 1700 mm
5. Heating elements unit
6. Gasket for insulating the heating element from the head (used in galvanically isolated assemblies of the ZGTi type)
7. Diodes indicating heater operation and power supply connection
8. Cap for resetting the temperature limiter
9. Thermoregulator knob

Power [kW]	ZGT - without galvanic isolation	Product number		Heater material	Certified by the PZH (Polish National Institute of Hygiene)	Head Material	Immersion Length [mm]	Minimum volume tank [dm ³]
	ZGTi - with galvanic isolation	Thread 6/4" [BSP]	Thread 5/4" [BSP]					
3	ZGTi	44.330.4	n/d	AISI 316L	Drinking Water	Stainless Steel	270 ±10	80
		44.330.7	n/d	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.130.6	n/d	Cu	Drinking Water	Brass		
		44.130.5	n/d	Cu/Ni	no	Brass		
	ZGT	44.430.4	44.430.4.001	AISI 316L	Drinking Water	Stainless Steel		
		44.430.7	44.430.7.001	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.230.6	44.230.6.001	Cu	Drinking Water	Brass		
		44.230.5	44.230.5.001	Cu/Ni	no	Brass		
4,5	ZGTi	44.345.4	n/d	AISI 316L	Drinking Water	Stainless Steel	350 ±10	100
		44.345.7	n/d	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.145.6	n/d	Cu	Drinking Water	Brass		
		44.145.5	n/d	Cu/Ni	no	Brass		
	ZGT	44.445.4	44.445.4.001	AISI 316L	Drinking Water	Stainless Steel		
		44.445.7	44.445.7.001	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.245.6	44.245.6.001	Cu	Drinking Water	Brass		
		44.245.5	44.245.5.001	Cu/Ni	no	Brass		
6	ZGTi	44.360.4	n/d	AISI 316L	Drinking Water	Stainless Steel	460 ±10	150
		44.360.7	n/d	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.160.6	n/d	Cu	Drinking Water	Brass		
		44.160.5	n/d	Cu/Ni	no	Brass		
	ZGT	44.460.4	44.460.4.001	AISI 316L	Drinking Water	Stainless Steel		
		44.460.7	44.460.7.001	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.260.6	44.260.6.001	Cu	Drinking Water	Brass		
		44.260.5	44.260.5.001	Cu/Ni	no	Brass		
7,5	ZGTi	44.375.4	n/d	AISI 316L	Drinking Water	Stainless Steel	580±10	200
		44.375.7	n/d	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.175.6	n/d	Cu	Drinking Water	Brass		
		44.175.5	n/d	Cu/Ni	no	Brass		
	ZGT	44.475.4	44.475.4.001	AISI 316L	Drinking Water	Stainless Steel		
		44.475.7	44.475.7.001	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.275.6	44.275.6.001	Cu	Drinking Water	Brass		
		44.275.5	44.275.5.001	Cu/Ni	no	Brass		
9	ZGTi	44.390.4	n/d	AISI 316L	Drinking Water	Stainless Steel	680 ±15	250
		44.390.7	n/d	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.190.6	n/d	Cu	Drinking Water	Brass		
		44.190.5	n/d	Cu/Ni	no	Brass		
	ZGT	44.490.4	44.490.4.001	AISI 316L	Drinking Water	Stainless Steel		
		44.490.7	44.490.7.001	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.290.6	44.290.6.001	Cu	Drinking Water	Brass		
		44.290.5	44.290.6.001	Cu/Ni	no	Brass		
12	ZGTi	44.3120.4	n/d	AISI 316L	Drinking Water	Stainless Steel	750 ±15	300
		44.3120.7	n/d	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.1120.6	n/d	Cu	Drinking Water	Brass		
		44.1120.5	n/d	Cu/Ni	no	Brass		
	ZGT	44.4120.4	44.4120.4.001	AISI 316L	Drinking Water	Stainless Steel		
		44.4120.7	44.4120.7.001	Incoloy 825	Domestic Hot Water	Stainless Steel		
		44.2120.6	44.2120.6.001	Cu	Drinking Water	Brass		
		44.2120.5	44.2120.5.001	Cu/Ni	no	Brass		

- Cu and Cu/Ni heaters are not recommended for use in stainless steel tanks; heaters made of AISI 316L and INCOLOY 825 can operate in both enamelled and stainless steel tanks.
- In the case of ZGT heaters (without galvanic insulation), it is possible to manufacture heaters with higher power ratings, e.g., 15 or 18 kW.
- The above table contains standard heater types; modified types may be available, e.g., changes in immersion length, power, etc.