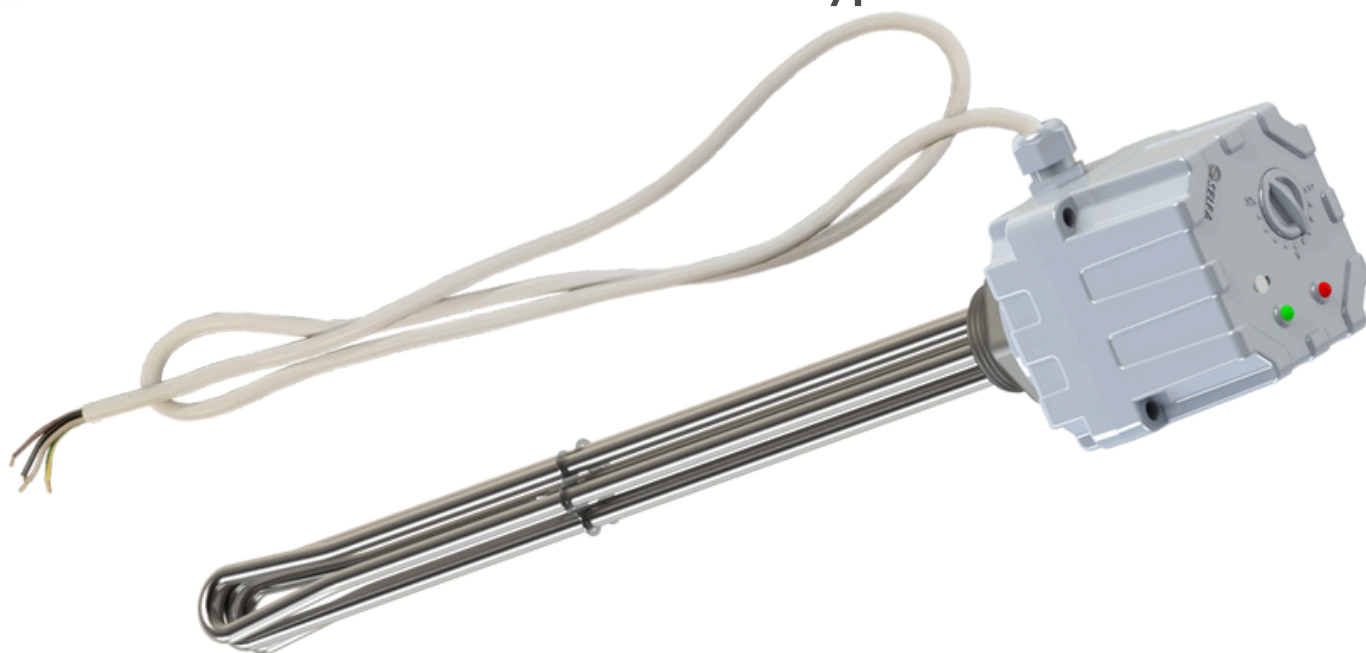


## 3-phase heating unit with thermostat heater series ZGT/ZGTi type 44



**Temperature adjustment range:**  
30 °C (±5 °C) ÷ 75 °C (±3 °C)

**Limiter trip temperature:**  
standard version: 85 °C ± 7 °C  
version L: 77 °C ± 7 °C

**Application:**  
water heater

**Protection rating:**  
IP 55

**Working pressure:**  
max. 10 bar



**Freezing protection**  
maintaining water temperature  
in the tank at a level of  $+7,5 \pm 6$  °C



**Designed to work in tanks  
enamelled and stainless steel**  
(AISI 316L, Incoloy 825)

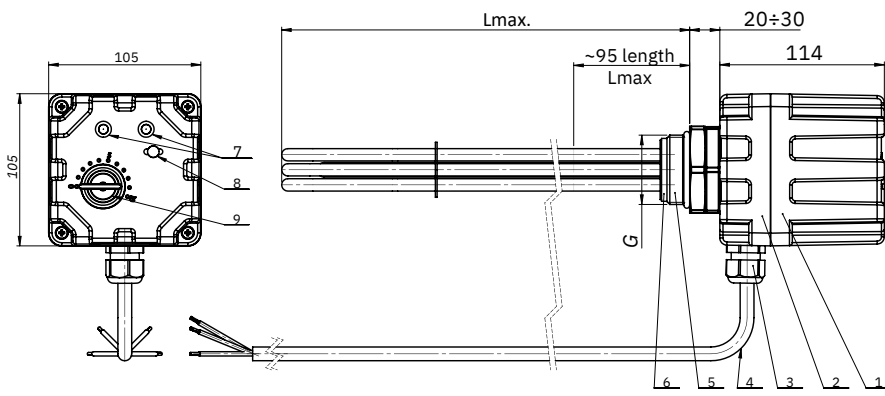


**Solid case**  
reinforced with fiberglass



**Made in Poland**

# Technical data



1. Housing cover
2. Housing body
3. Cable gland
4. Power cord L = 1700 mm
5. Set of heating elements
6. Gasket for isolating the heating element, isolating the heating element from the flange (occurs in galvanically isolated ZGTi units)
7. Diodes indicating heater operation and power supply connection
8. Cap for resetting the temperature limiter
9. Thermoregulator knob

Series	Heater type	Power [kW]	Heater material	Galvanic isolation	Flange material	G Flange diameter	Lmax [mm]	Minimum tank size [L]
ZGTi	44.330.4	3	AISI316L**	yes	AISI 304	G 6/4"	270 ±10	80
	44.330.7		Incoloy 825**		Ms			
	44.130.6		Cu*					
	44.130.5		Cu/Ni*					
ZGT	44.430.4		AISI316L**	no	AISI 304			
	44.430.7		Incoloy 825**		Ms			
	44.230.6		Cu*					
	44.230.5		Cu/Ni*					
ZGTi	44.345.4	4,5	AISI316L**	yes	AISI 304	G 6/4"	350 ±10	100
	44.345.7		Incoloy 825**		Ms			
	44.145.6		Cu*					
	44.145.5		Cu/Ni*					
ZGT	44.445.4		AISI316L**	no	AISI 304			
	44.445.7		Incoloy 825**		Ms			
	44.245.6		Cu*					
	44.245.5		Cu/Ni*					
ZGTi	44.360.4	6	AISI316L**	yes	AISI 304	G 6/4"	460 ±10	100
	44.360.7		Incoloy 825**		Ms			
	44.160.6		Cu*					
	44.160.5		Cu/Ni*					
ZGT	44.460.4		AISI316L**	no	AISI 304			
	44.460.7		Incoloy 825**		Ms			
	44.260.6		Cu*					
	44.260.5		Cu/Ni*					
ZGTi	44.390.4	9	AISI316L**	yes	AISI 304	G 6/4"	680 ±15	250
	44.390.7		Incoloy 825**		Ms			
	44.190.6		Cu*					
	44.190.5		Cu/Ni*					
ZGT	44.490.4		AISI316L**	no	AISI 304			
	44.490.7		Incoloy 825**		Ms			
	44.290.7		Cu*					
	44.290.5		Cu/Ni*					
ZGT	44.412.4	12	AISI316L**	no	AISI 304	G 6/4"	750 ±15	300
	44.412.7		Incoloy 825**					
	44.212.6		Cu*					
	44.212.5		Cu/Ni*					

\*\*It is not recommended to use Cu and Cu/Ni heaters for stainless steel tanks

\*\*Designed to work in stainless steel and enameled tanks

In the case of ZGT radiators (without galvanic isolation), it is possible to produce radiators with higher power, e.g. 15 kW

In the case of ZGT radiators (without galvanic isolation), it is possible to have a head size G 5/4"

The table above contains standard types of radiators, there may be modified types, e.g. changes in immersion length, power, etc.