

FLOW HEATER TRGPOV 11 / 31 WITH REGULATION

POWER
1 500 - 12 000 W

DESCRIPTION:

- flow heater with regulation TRGPOV 11, TRGPOV 31
 - flow heater component TPOV
 - connection: steel Dn25 G3/4
 - heating rods: nicked brass

APPLICATION:

- accessory (supplement) to the solar system and heat pumps

TECHNICAL PARAMETERS:

- power: 1500,....., 12000 W
 - G6/4" as connection for heating element
- DN 25 (connection G3/4") for water (input / output)
 - max. PN 6
 - TRGPOV 11 - regulation range/ T fuse:
7-77°C/99°C; 30-85°C/110°C
 - TRGPOV 31 - regulation range/ T fuse:
0-90°C/110°C
- power supply: 1x230V / 3x230V, 3x400V
cable 2 m
 - protection: IP54

SPECIFICATIONS:

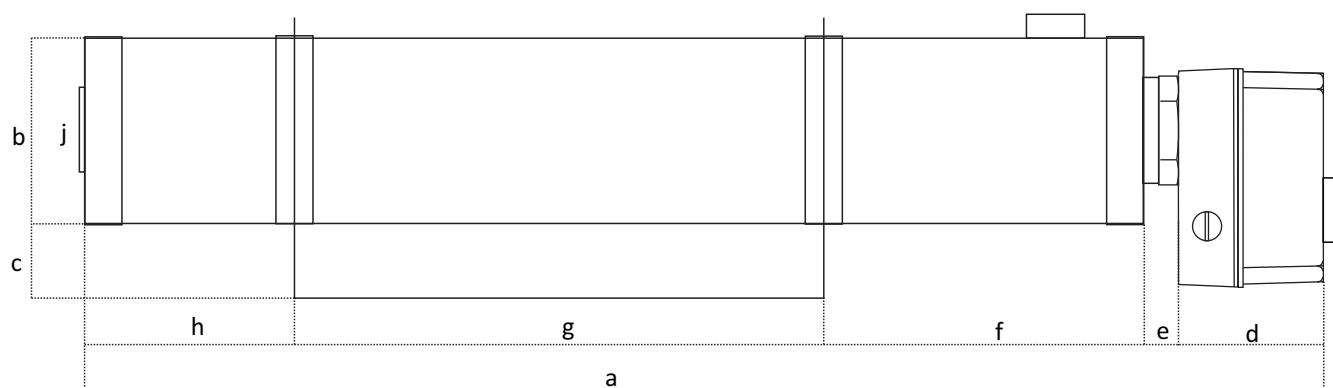
Flow heaters are supplied in two versions TRGPOV11 with manual regulation and TRGPOV31 with digital regulation. TPOV is a separate heater body. Flow heater is intended for direct heating of liquid. A heating element located in a cylindrical body is used to heat the liquid, which includes a manual / digital thermostat in the specified temperature range and a thermal fuse protecting the heating element from overheating, and a glow plug indicating the state (heating / not heating) for TRGPOV 11, for TRGPOV 31 by signaling on the display. Electrical supply is possible from both sides via the OBO-VTEC bushing. The body must be constantly immersed in liquid during operation. Installation is possible both in vertical and horizontal position. The standard version with an output of up to 6.0 kW has a body length of 600 mm, and the extended version with an output of up to 12 kW has a body length of 850 mm.

Type	TRGPOV11	TRGPOV13
Power for body of length 600mm	1; 2 ;2,4 ;3;4 ;4,5 ;6 kW/ 1x230V;3x230V	1; 2 ;2,4 ;3;4 ;4,5 ;6 kW / 1x230V; 3x230V
Power for body of length 850mm	7,5; 9; 12 kW / 3x230V; 3x400V	7,5; 9 kW 3x230V; 3x400V
Regulation range	7-77°C, 30-85°C	0-90°C
Thermal fuse	99°C	99°C
Process input/output	G3/4" in / G3/4" in	G3/4" in / G3/4" in
Instrumental connection	G6/4"	G6/4"
Body material	steel class 11 surface finish	steel class 11 surface finish
Heating rods	nickel brass	nickel brass
Protection	IP54	IP54
Cabling	3x1,5; 3x2,5; 4x2,5; 5x2,5 2m	3x1,5; 3x2,5; 4x2,5; 5x2,5 2m
Holder	300x120x160mm	300x120x160mm
Installation	horizontal/vertikal	horizontal/vertikal

• Dependence Δt on flow l/min

Power W	Flow L/min	1	3	5	10	15
1500	dT	21	7	4	2	1,5
2000	dT	28	10	6	3	2
2400	dT	34	11	7	4	2,5
3000	dT	42	14	9	5	3
4000	dT	57	19	11	6	4
4500	dT	64	21	13	7	4,5
6000	dT	86	29	17	9	6
7500	dT	107	36	21	11	7
9000	dT	128	42	26	13	9
12000	dT	171	57	34	17	12

• TRGPOV11, TRGPOV13



Dimension in mm									
a	b	c	d	e	f	g	h	i	j
738	107	43	120	18	150	300	150	input G3/4"	output G3/4"