

UPT Series (PTC Heating element for Water heater)



DESCRIPTION

- PTC ceramic heating element
- Rated voltage 12-240V
- Safe and stable
- The power is 300-1100W
- Temp self-control

APPLICATION

PTC water heater could be used for shower, ducking bath, footbath, washing hand, vegetable and dish, drink warmer and boiler, vapor generator.

They could be used in heating diesel oil, gasoline or other liquid. Using PTC as a heating element could prevent the oil burning, it's more safe.

PTC Pipe heater of foot bath to be the another product that our company promotes specifically for enough bathtub product, the installation applying usage to the enough top grade bathtub product higher authority who heats with circulation, having goes to the lav-atory, life time grows mainly, no easy breakdown waits for other tradition to heat material (Bi Ru: Quartz glass is in charge of) the merit having no way to comparison.

The dimension but note customer reality assembles another external form dimension book comp-ose, the power range measures between 400 ~ 1500 W, use voltage range 120 ~ 240 V. Product quality is in person of the same trade or occupation being in the lead level.

SPECIFICATIONS

Shape	Total length	Width	Height	Inner diameter of tube	Applied voltage	Power in 25°C		Surface temperature
						Air	Water	
Straight aluminum tube	150mm	21.5	20.5	Φ10	12~36VDC,100~2	380W	260°C	
Straight aluminum tube	150mm	21.5	23.5	Φ13	12~36VDC,100~0	400W	260°C	
Straight aluminum tube	300mm	21.5	23.5	Φ13	100~240VAC	820W	260°C	
Straight aluminum tube	200mm	21.5	25	Φ13	100~240VAC	200W	260°C	
Straight aluminum tube	400mm	21.5	25	Φ13	100~240VAC	2500W	260°C	
Straight aluminum tube	200mm	33	48	Φ26	100~240 VAC	1500W	240°C	
Straight aluminum tube	400mm	33	48	Φ26	100~240 VAC	3000W	240°C	

1. The shell of the heater could be consist of aluminum, brass, ceramic, stainless steel.

- a. Aluminium shell or pipe, it is not good in resistance to corosion. Nickel plating or etching ground coating could be bet ter in resistance to corosion.
- b. Brass shell or pipe, it is good in resistance to corosion. But it costs higher.
- c. Ceramic shell, it's good in resistance to corosion. But its heating power could not be very large.
- d. Stainless steel shell or pipe, it's very excellence for preventing corrosion, and meets food safe standard.
But it costs higher and has bigger bulk

2. Notice:

- a. Applied votage could be 12~36V, 100~380V
- b. The length could be selected by customer between some range, larger power could be made with longer tube.
- c. The fixing connectted screw or flange, could be consist of brass, aluminum or stanless steel. The shape could be sel ected by customer.
- d. The surface temperature without water, could be between 80~260°C, the higher is this temperature, the larger is the power.