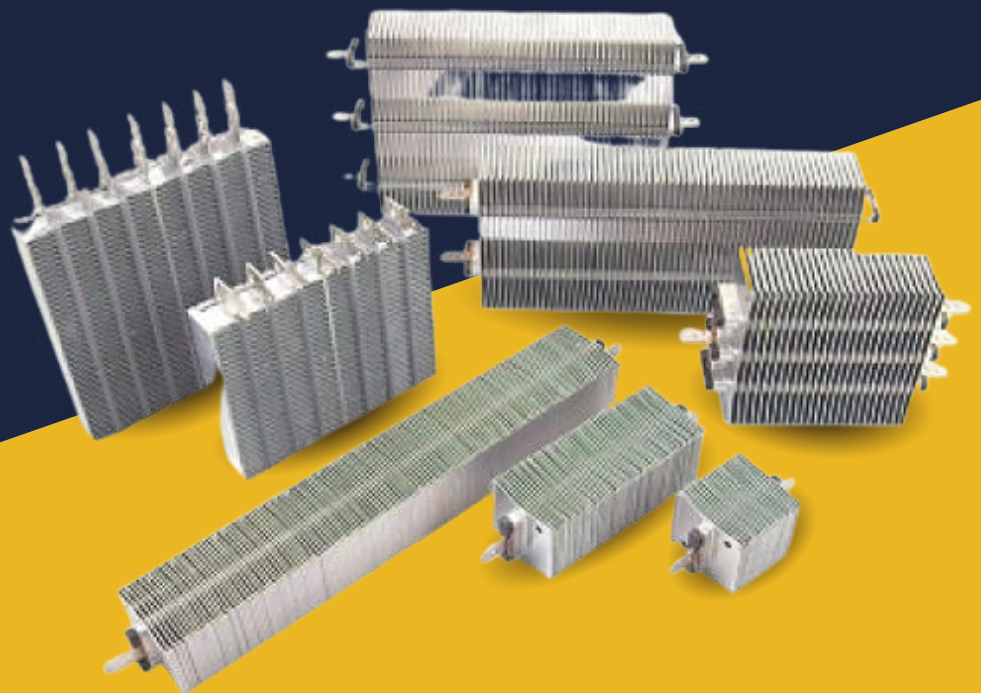


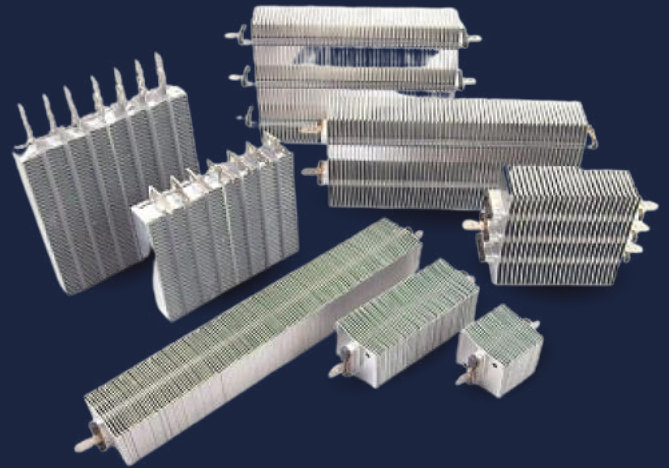
# PTC Air Heaters

[www.dpstar.com.my](http://www.dpstar.com.my)



## Features

- No thermostat required
- Self regulating heat control
- Long service life
- EMF-free, passes EMI, EMC tests
- Very low air resistance, high efficiency
- No smell, no radiation, does not oxidize
- No moving parts to wear
- Fast thermal heating rate, low inrush current
- PPS frames and other accessories available
- Does not burn when in contact with paper, matches or clothes
- Very high reliability, impossible to overheat
- Can be water-proof, no electricity leakage or cause short circuit
- Does not crack, burst or burn when heated under no airflow
- Does not cause oxygen shortage when used for a long time
- The higher the temperature, the more power efficient
- Internal safety-fuse protection. Current will automatically cut-off to prevent abnormal large current or other external factors causing safety concerns.
- Heating power(W) and self-regulating function is in correlation to the heat dissipation rate



## Specifications

- **Fin Pitch** : 1.2mm, 1.68mm, 2.0mm, 2.6mm
- **Includes Safety Fuse**
- **Voltage** : Both AC/DC available. Please refer to Part Numbering for voltage ranges.  
(For car use 280V-600V)
- **Power** : 50~2000W
- **Safety** : cUL, VDE, TUV

## Typical Applications

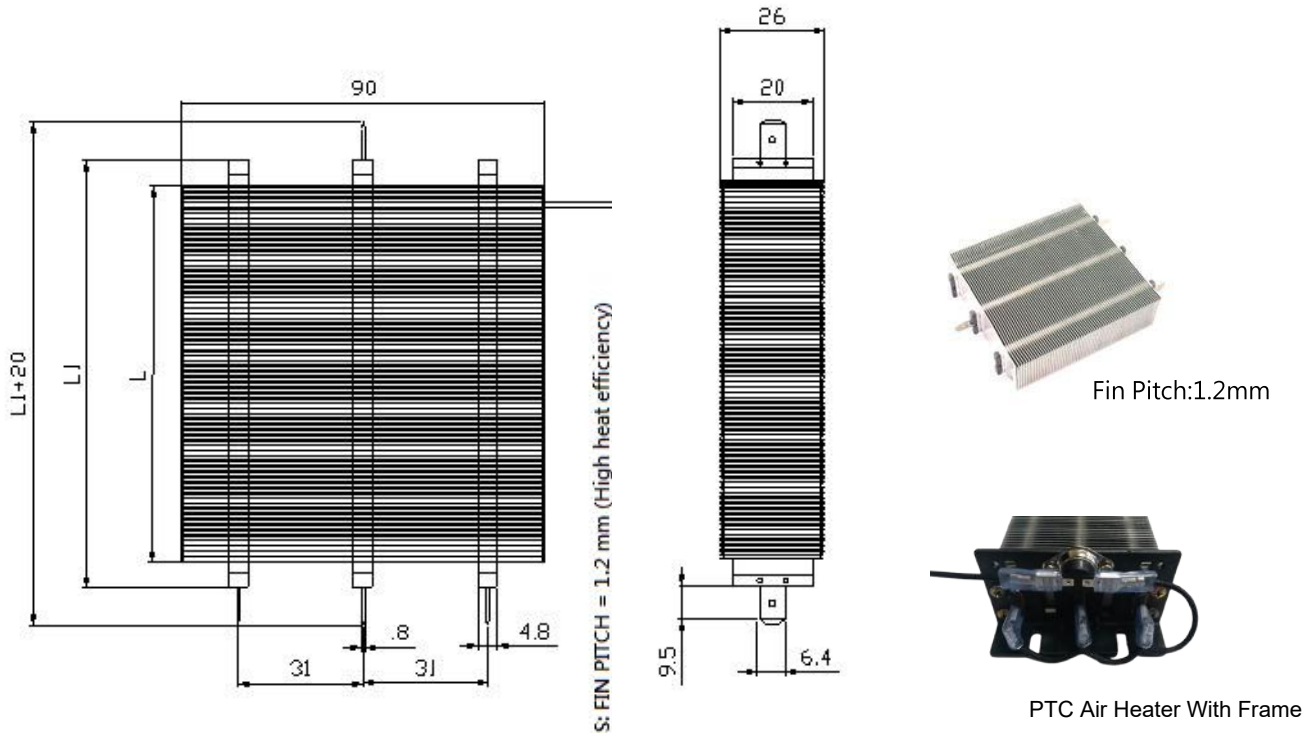
DC/AC – Can be used on automobile (electric car) and other applications for heating, dehumidifying, thermal retention or use for general household electronic appliances like hand dryer, air conditioner, iron, laminating machine, adhesive sealing machine etc. Other applications include freeze protection of outdoor surveillance camera, 3C products and other outdoor electronic devices.

## Custom Specifications

Custom specifications can be designed according to customer's requirements. The PTC heat output can be regulated by the airflow applied in typical applications of heat generation. The higher the airflow, the higher the heat output.

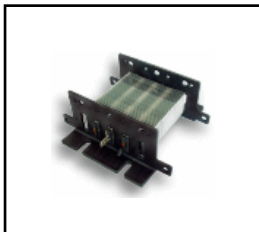
Standard PTC Air Heaters are designed with single stage heating (full power). However, DAH type PTC Air Heaters can be designed with multiple power stage by heating one or two tubes at a time. It is more power efficient and will help extend heater life-time. If require multiple stage heating, please contact our Sales Representatives in advance for special design and wiring.

PTC's unique heat property allows the PTC heat output to be regulated by the airflow applied. The higher the airflow, the higher the heat output and power(wattage).



Model No.	Length unit:mm		Rated Voltage	Max Voltage	Max Inrush Current	Power@Air Speed 6.4m/s	
	L	L1				20°C	0°C
DAH-2200S-202D	202	260V	220V	260V	17A	2000W ± 7%	2200W ± 7%

## FRAME – FAH Type



- Model** : FAH-90
- Dimension** : 92mm (L) x 50.5mm (W) x 23.5mm (H)
- Color** : Black, brown
- Material** : PPS plastic
- Suitable Model** : All heater types