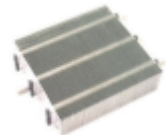


PTC Air Heater Models

PTC Air Heater Models		
Models	Dimension (mm)	Photo
MH Type	26mm x 90mm x L L(mm) : 70, 93, 106, 128, 150, 185, 202	
MSH Type	26mm x 65mm x L L(mm) : 70, 93, 106, 128, 150, 185, 202	
SH Type	26mm x 65mm x L L(mm) : 70, 93, 106, 128, 150, 185, 202	
TH Type	26mm x 45mm x L L(mm) : 70, 93, 106, 128, 150, 185, 202	
OH Type	26mm x 30mm x L L(mm) : 30, 40, 70, 93, 106, 128, 150, 185, 202	
SS Type	148 x 44.5 x 15mm / 148 x 22.5 x 15mm 120 x 107 x 15mm / 96 x 88.5 x 15mm 96 x 22.5 x 15mm / 25 x 22.5 x 15mm 45 x 44.5 x 15mm	

Specifications

- ◆ Extra-high-heating-efficiency (Fin Pitch: 1.2m/m, 1.6m/m)
- ◆ Extra-low-heating-efficiency (Fin Pitch: 2.0m/m, 2.6m/m)
- ◆ Includes Safety Fuse
- ◆ Voltage : AC/DC 12V/24V/48V/72V/120V/240V/300V/400V/480V/560V
- ◆ Power : 50~2000W
- ◆ Safety : CUL, VDE, TUV
- ◆ Patents : US, Germany, France, Britain, Taiwan, China

PTC Air Heater Models

For all PTC Air Heater Models, please download **PTC Air Heater Datasheet.pdf** and/or **PTC Air Heater – Special Models.pdf** file(s) from our website, or contact our friendly Sales Representatives for a copy.

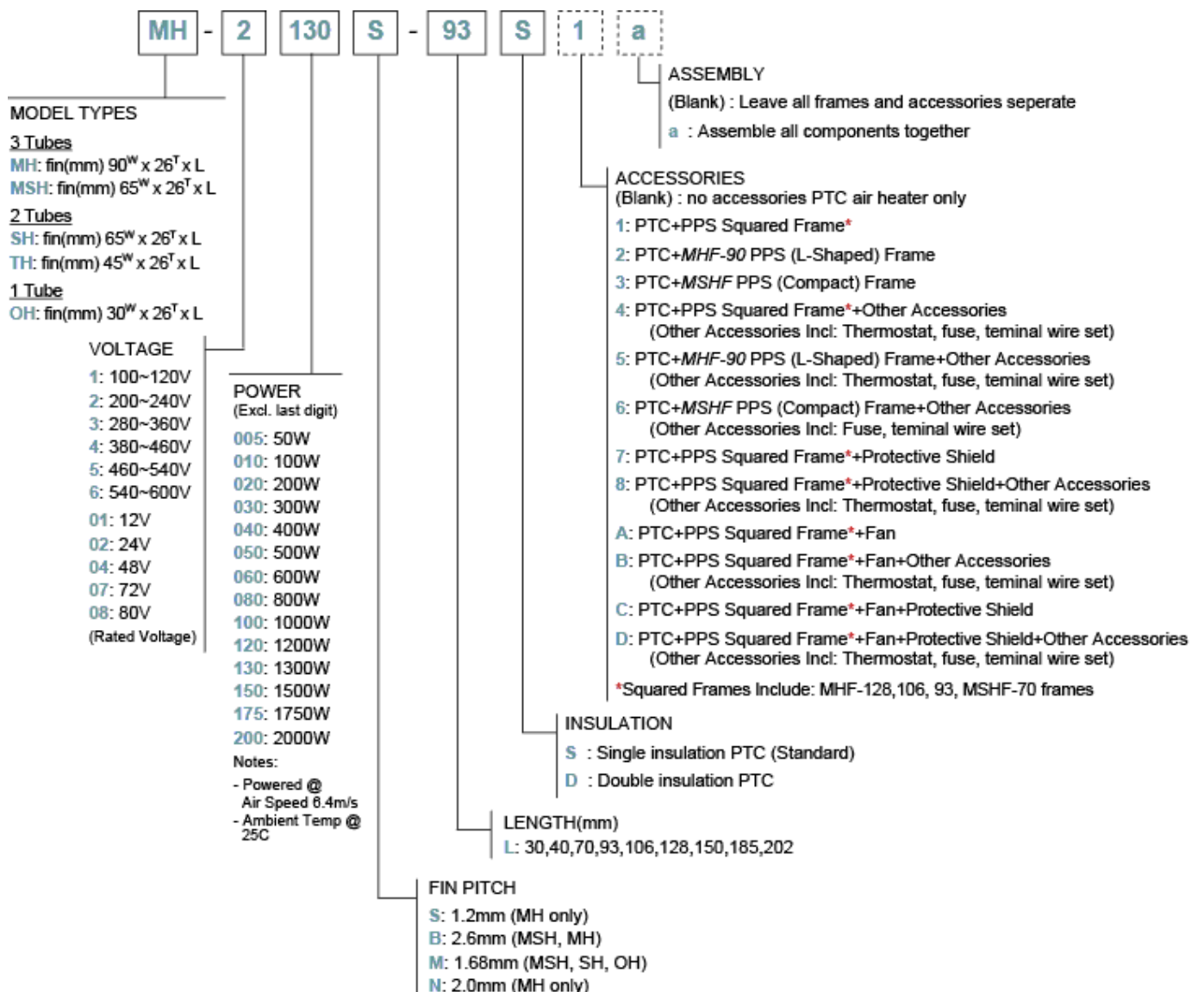
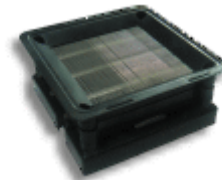
PTC Heater Numbering System

cUL File No. E31621

When specifying the Model ID, please pay special attention to the section within the red box if frames or accessories are required.

Example:

- Model:** MH type
- Voltage:** 220V
- Wattage:** 1300W
- Fin Pitch:** 1.2mm
- Length:** 93
- Insulation:** S – Single insulation
- Structure:** MH type PTC with MHF-93 type PPS Frame (check PTC Heater Frames section for available frames)
- Assembly:** Assemble PTC with frame



Important Notes on Part Numbering

Notes on Part Numbering

1. PTC FIN PITCH:

- Extra-high-heating-efficiency Fin Pitch: 1.2mm(S), 1.68mm(M)
- Extra-low-air resistance Fin Pitch: 2.0mm(N), 2.6mm(B)
- The **Power(W)** in the *Specifications* tables are based on PTC air heaters with extra-high efficiency fin pitches. Fin pitch 1.68mm(M) for MSH, SH and OH models, and fin pitch 1.2mm(S) for MH model.
- The **Power(W)** of PTC air heater with fin pitch 2.0mm(N) is 95% of PTC air heater with fin pitch 1.2mm(S).
- The **Power(W)** of PTC air heater with fin pitch 2.6mm(B) is 90% of PTC air heater with fin pitch 1.2mm(S).
- The **Power(W)** of PTC air heater with fin pitch 2.6mm(B) is 90% of PTC air heater with fin pitch 1.68mm(M).

2. PTC INSULATION:

- The **Power(W)** in the *Specifications* tables are based on PTC air heaters with **Single Insulation(S)**.
- The PTC air heater with Double Insulation(D) does not have electrode potential on the fins. It is suitable for use where the device may be in contact with other conductive materials (eg. metal); expose to high humidity; with shock resistance requirement; or in products that require superior stability and quality (eg. automobiles).
- The **Power(W)** of PTC air heater with double insulation(D) is approximately 10% less than PTC air heater with single insulation(S).
- The price of PTC air heaters with double insulation(D) is 20~30% more than single insulation(S) PTC air heaters.

Notes on PTC Air Heater Specifications Tables

- Models with “Ⓢ” symbol in the *Specification* tables for model types MH, MSH, SH, TH and OH are **standard models**. The delivery time for these models is shorter, and more economical.
- **Customized** wattage, length and specifications can also be designed for large quantity.
- The **Power(W)** in the *Specifications* table are based on PTC air heaters with fin pitch 1.68mm(M), except MH model is based on fin pitch 1.2mm(S). Please refer to the section above for the difference in **Power(W)** efficiency for each fin pitch type.
- The **Power(W)** in the *Specifications* tables are based on PTC air heaters with Single Insulation(S).