

Ceramic Fiber Heaters



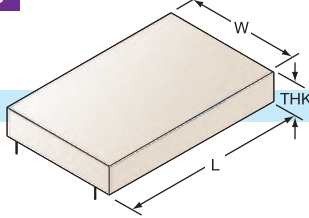
Flat Panels

Ceramic Fiber Flat Panel Heaters

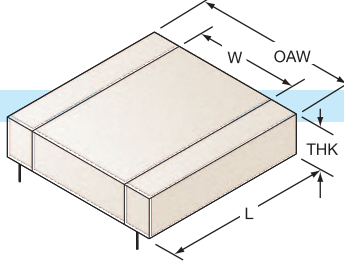
Panel Styles

Type 1 Leads Shown

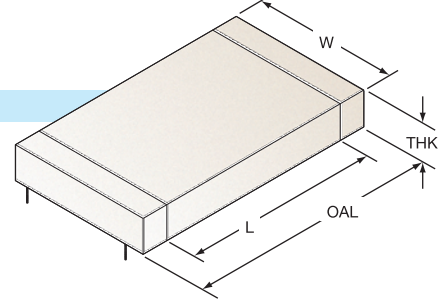
Style 1— Entire Panel Heated



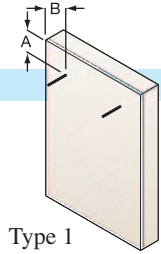
Style 2— Unheated Ends in Width



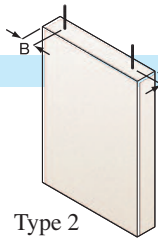
Style 3— Unheated Ends in Length



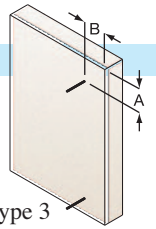
Lead Locations



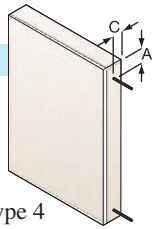
Type 1



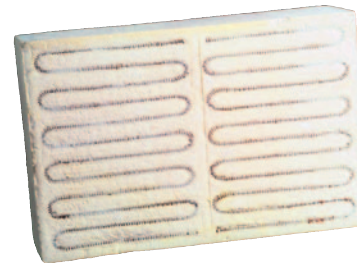
Type 2



Type 3



Type 4



Standard Panel Heater

18" W ×
24" L ×
3" Thick

Ordering Information

Standard Units

Select a **Flat Panel Heater** by size, electrical rating and style from the table below. To complete the part number, add the required lead location number.

For example

CFR1001□ has Type 2 Leads.

Standard leads are double twist 9" long high-temperature bare wire.

Custom Designed/Manufactured Flat Panel Heaters

Custom manufactured Flat Panel Ceramic Fiber Heaters are available; consult **Tempco** with your requirements. **Standard lead time is 4 weeks.**

Please Specify the following:

- 1100°C or 1200°C Construction Style
- Length
- Width
- Voltage and Wattage
- Lead Location and Type
- Special Features



Note: See page 4-2 for maximum temperature guidelines

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Standard (Non-Stock) Flat Panel High Temperature Ceramic Fiber Heaters (1100°C Construction Style)

All Dimensions are in inches. Lead Locations A, B and C are approximate. Complete the part number by adding the required lead location number.

| Heated | | Watts | Volts | Style 1 | | | Style 2 | | | Style 3 | | | | | | | | |
|--------|----|-------|-------|---------|-------------|---------------|---------|-----|-------------|---------|---------------|-----|-----|-------------|-----|---------------|-----|-----|
| W | L | | | Thk | Part Number | Lead Location | | | Part Number | OAW | Lead Location | | | Part Number | OAL | Lead Location | | |
| | | | | A | B | C | | | | | A | B | C | | | | | |
| 4 | 6 | 1 | 250 | 60 | CFR1001 | 1.0 | 1.0 | 0.5 | CFR1019 | 6 | 1.0 | 2.0 | 0.5 | CFR1037 | 8 | 2.0 | 1.0 | 0.5 |
| 4 | 12 | 1 | 500 | 60 | CFR1002 | 1.0 | 1.0 | 0.5 | CFR1020 | 6 | 1.0 | 2.0 | 0.5 | CFR1038 | 14 | 2.0 | 1.0 | 0.5 |
| 6 | 6 | 2 | 375 | 60 | CFR1003 | 1.5 | 1.5 | 1.0 | CFR1021 | 10 | 1.5 | 3.5 | 1.0 | CFR1039 | 10 | 3.5 | 1.5 | 1.0 |
| 6 | 12 | 2 | 750 | 120 | CFR1004 | 1.5 | 1.5 | 1.0 | CFR1022 | 10 | 1.5 | 3.5 | 1.0 | CFR1040 | 16 | 3.5 | 1.5 | 1.0 |
| 6 | 18 | 2 | 1125 | 120 | CFR1005 | 1.5 | 1.5 | 1.0 | CFR1023 | 10 | 1.5 | 3.5 | 1.0 | CFR1041 | 22 | 3.5 | 1.5 | 1.0 |
| 6 | 24 | 2 | 1500 | 120 | CFR1006 | 1.5 | 1.5 | 1.0 | CFR1024 | 10 | 1.5 | 3.5 | 1.0 | CFR1042 | 28 | 3.5 | 1.5 | 1.0 |
| 8 | 12 | 2 | 1000 | 120 | CFR1007 | 2.0 | 2.0 | 1.0 | CFR1025 | 12 | 2.0 | 4.0 | 1.0 | CFR1043 | 16 | 4.0 | 2.0 | 1.0 |
| 8 | 18 | 2 | 1500 | 120 | CFR1008 | 2.0 | 2.0 | 1.0 | CFR1026 | 12 | 2.0 | 4.0 | 1.0 | CFR1044 | 22 | 4.0 | 2.0 | 1.0 |
| 8 | 24 | 2 | 2000 | 120 | CFR1009 | 2.0 | 2.0 | 1.0 | CFR1027 | 12 | 2.0 | 4.0 | 1.0 | CFR1045 | 28 | 4.0 | 2.0 | 1.0 |
| 12 | 12 | 2 | 1500 | 120 | CFR1010 | 2.0 | 2.0 | 1.0 | CFR1028 | 16 | 2.0 | 4.0 | 1.0 | CFR1046 | 16 | 4.0 | 2.0 | 1.0 |
| 12 | 18 | 2 | 2250 | 120 | CFR1011 | 2.0 | 2.0 | 1.0 | CFR1029 | 16 | 2.0 | 4.0 | 1.0 | CFR1047 | 22 | 4.0 | 2.0 | 1.0 |
| 12 | 24 | 2 | 3000 | 240 | CFR1012 | 2.0 | 2.0 | 1.0 | CFR1030 | 16 | 2.0 | 4.0 | 1.0 | CFR1048 | 28 | 4.0 | 2.0 | 1.0 |
| 12 | 36 | 2 | 4500 | 240 | CFR1013 | 2.0 | 2.0 | 1.0 | CFR1031 | 16 | 2.0 | 4.0 | 1.0 | CFR1049 | 40 | 4.0 | 2.0 | 1.0 |
| 18 | 18 | 3 | 3375 | 240 | CFR1014 | 2.5 | 2.5 | 1.5 | CFR1032 | 24 | 2.5 | 5.5 | 1.5 | CFR1050 | 24 | 5.5 | 2.5 | 1.5 |
| 18 | 24 | 3 | 4500 | 240 | CFR1015 | 2.5 | 2.5 | 1.5 | CFR1033 | 24 | 2.5 | 5.5 | 1.5 | CFR1051 | 30 | 5.5 | 2.5 | 1.5 |
| 18 | 36 | 3 | 6750 | 480 | CFR1016 | 2.5 | 2.5 | 1.5 | CFR1034 | 24 | 2.5 | 5.5 | 1.5 | | | | | |
| 24 | 24 | 4 | 6000 | 480 | CFR1017 | 3.0 | 3.0 | 2.0 | CFR1035 | 32 | 3.0 | 7.0 | 2.0 | CFR1053 | 32 | 7.0 | 3.0 | 2.0 |
| 24 | 36 | 4 | 9000 | 480 | CFR1018 | 3.0 | 3.0 | 2.0 | CFR1036 | 32 | 3.0 | 7.0 | 2.0 | | | | | |