

# FSP Series Heavy Duty Flat Panel Emitter Electric Portable Infrared Heater

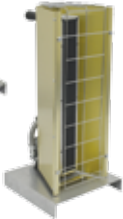
78

Stand Models

Hand Cart Models



FSP-31



FSP-14



FSP-95



FSP-43

- High density medium wave radiant heat with 60° symmetrical heat pattern.
- 25,000 hour element life expectancy
- Approximately, 78.5% efficient versus 50% for metal sheath type elements.
- Rugged flat panel emitter can be used in high vibration areas
- Single or three phase available on select models
- Heavy duty wire guard mounted on long lasting gold anodized reflector
- Made in U.S.A.

## Square Feet Heated

| KW   | NON-PROTECTED AREA |             | SEMI-PROTECTED AREA |             | Required Clearance (from front of heater) |
|------|--------------------|-------------|---------------------|-------------|-------------------------------------------|
|      | BELOW 35 °F        | ABOVE 35 °F | BELOW 35 °F         | ABOVE 35 °F |                                           |
| 1.45 | 25                 | 36          | 40                  | 50          | 3 feet                                    |
| 3.15 | 64                 | 75          | 90                  | 125         | 3 feet                                    |
| 4.3  | 85                 | 100         | 120                 | 150         | 4 feet                                    |
| 9.5  | 192                | 225         | 270                 | 375         | 7 feet                                    |

## Standard FSP Models

| MFG CATALOG NUMBER | MFG MODEL NUMBER | WATTS | VOLTS | PHASE  | BTUs / Hr. | AMPS  |       | WT. (LBS) | FSP Replacement Elements |                  | OPTIONAL 25' POWER CORD |                  |
|--------------------|------------------|-------|-------|--------|------------|-------|-------|-----------|--------------------------|------------------|-------------------------|------------------|
|                    |                  |       |       |        |            | 1 PH  | 3 PH  |           | MFG CATALOG NUMBER       | MFG MODEL NUMBER | MFG CATALOG NUMBER      | MFG MODEL NUMBER |
| 04883802           | FSP-3120-1       | 3150  | 208   | 1      | 10,749     | 15.4  | N/A   | 23        | 01356602                 | 64337-007        | 08804600                | SO 14/3          |
| 04883902           | FSP-3124-1       | 3150  | 240   | 1      |            | 13.13 | N/A   |           | 01360202                 | 64337-043        | 08804600                | SO 14/3          |
| 04884002           | FSP-3127-1       | 3150  | 277   | 1      |            | 11.37 | N/A   |           | 01356802                 | 64337-009        | 08804600                | SO 14/3          |
| 04884102           | FSP-3148-1       | 3150  | 480   | 1      |            | 6.56  | N/A   |           | 01360302                 | 64337-044        | 08804600                | SO 14/3          |
| 04884202           | FSP-3157-1       | 3150  | 600   | 1      |            | 6.48  | N/A   |           | 01357002                 | 64337-011        | 08804600                | SO 14/3          |
| 04884302           | FSP-4320-3       | 4300  | 208   | 1 or 3 | 14,972     | 20.67 | 11.94 | 32        | 01361402                 | 64337-055        | 03164201                | SO 12/4          |
| 04884402           | FSP-4324-3       | 4300  | 240   | 1 or 3 |            | 17.91 | 10.36 |           | 01360402                 | 64337-045        | 08804900                | SO 14/4          |
| 04884502           | FSP-4327-1       | 4300  | 277   | 1      |            | 15.52 | N/A   |           | 01361502                 | 64337-056        | 08804600                | SO 14/3          |
| 04884602           | FSP-4348-3       | 4300  | 480   | 1 or 3 |            | 8.96  | 5.18  |           | 01360502                 | 64337-046        | 08804900                | SO 14/4          |
| 04884702           | FSP-4357-3       | 4300  | 600   | 1 or 3 |            | 7.48  | 7.48  |           | 01357502                 | 64337-016        | 08804900                | SO 14/4          |
| 04884802           | FSP-9520-3       | 9500  | 208   | 1 or 3 | 32,414     | 45.67 | 26.39 | 46        | 01361602                 | 64337-057        | 08805100                | SO 8/4*          |
| 04884902           | FSP-9524-3       | 9500  | 240   | 1 or 3 |            | 39.68 | 22.89 |           | 01360602                 | 64337-047        | 08805100                | SO 8/4*          |
| 04885002           | FSP-9527-1       | 9500  | 277   | 1      |            | 34.3  | N/A   |           | 01361702                 | 64337-058        | 08805200                | SO 8/3           |
| 04885102           | FSP-9548-3       | 9500  | 480   | 1 or 3 |            | 19.79 | 11.44 |           | 01360702                 | 64337-048        | 03164201                | SO 12/4          |
| 04885202           | FSP-9557-3       | 9500  | 600   | 1 or 3 |            | 16.52 | 9.54  |           | 01362702                 | 64337-063        | 08804900                | SO 14/4          |

\*3 Phase only

## Factory Pre-Wired FSP-14 Model With 15 Ft. Cord & Grounded Plug

| MFG CATALOG NUMBER | MFG MODEL NUMBER | TYPE  | WATTS | VOLTS | PHASE | BTUs / Hr. | AMPS | WT. (LBS) |
|--------------------|------------------|-------|-------|-------|-------|------------|------|-----------|
| 04883702           | FSP-1412-1C      | STAND | 1450  | 120   | 1     | 4947       | 12.1 | 17        |

## Infrared Control Options

| MFG CATALOG NUMBER | MFG MODEL NUMBER | DESCRIPTION                 | Operating Voltage (VAC) | Dimensions (In) |      |     | WT. (LBS) |
|--------------------|------------------|-----------------------------|-------------------------|-----------------|------|-----|-----------|
|                    |                  |                             |                         | Ht.             | Wd.  | Dp. |           |
| 04858102           | TO-SK-1          | Tip-Over Switch             | 208V - 600V             | 10.3            | 10.3 | 5.0 | 12        |
| 05893702           | DC-SK-1          | Disconnect Switch           | 120V - 600V             | 5.0             | 6.0  | 4.0 | 5         |
| 04860202           | GF-SK-1          | Ground Fault Sensing Switch | 208V - 600V             | 10.3            | 10.3 | 5.0 | 12        |

Note: All SK-1 Models have NEMA-1 Enclosure, 50-Amp Max. & 1/3-Phase Rated.

Model "TO" & "GF" features include a positive "off" & a built-in on/off rocker switch that glows red during operation. Additionally, enclosure can mount directly to the terminal box on the back of the heater (FSP-43/95 only) or be mounted to a remote wall surface.



TO-SK-1 or GF-SK-1