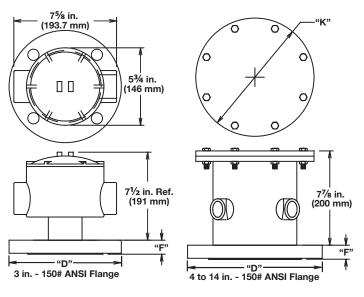
## **Immersion Heaters**



## WATROD ANSI Flange Immersion Heaters

## Optional CSA Type 4/Explosion Proof Enclosure Without Thermostat



#### **Terminal Enclosure Dimensions**

**General Purpose or NEMA 4 Enclosure** 

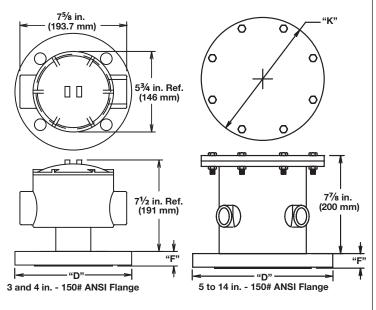
| ANSI Flange |             | "F"<br>Thickness  |        | "K"                     | "K"<br>Without  | "D"                     |
|-------------|-------------|-------------------|--------|-------------------------|-----------------|-------------------------|
|             | Size<br>in. |                   | (mm)   | With Thermostat         | Thermostat      | in. (mm)                |
|             | 3           | <sup>15</sup> /16 | (23.8) | 5 <sup>3</sup> /4 (146) | See heater dwg. | 7 <sup>1</sup> /2 (191) |
|             | 4           | <sup>15</sup> /16 | (23.8) | 5 <sup>3</sup> /4 (146) | See heater dwg. | 9 (229)                 |

Note: 5 thru 12 in. (127 thru 305 mm) flange dimensions are on catalog heater drawings.

**CSA Type 4/Explosion Proof Enclosures** 

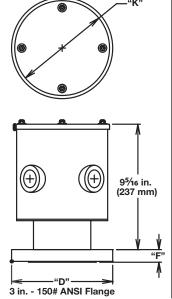
| ANSI Flange<br>Size |                                       |  | "K"<br>Without                         | "D"                                  |
|---------------------|---------------------------------------|--|--|--------------------------------------|
| in.                 | in. (mm)                              | Thermostat                             | Thermostat                             | in. (mm)                             |
| 3                   | <sup>15</sup> / <sub>16</sub> (23.8)  | N/A                                    | N/A                                    | 7 <sup>1</sup> / <sub>2</sub> (191)  |
| 4                   | <sup>15</sup> / <sub>16</sub> (23.8)  | N/A                                    | 7 <sup>7</sup> /8 (200.0)              | 9 (229)                              |
| 5                   | <sup>15</sup> / <sub>16</sub> (23.8)  | 8 <sup>7</sup> /8 (225.4)              |  | 10 (254)                             |
| 6                   | 1 (25.0)                              | 9 <sup>7</sup> /8 (250.8)              |  | 11 (280)                             |
| 8                   | 1 <sup>1</sup> /8 (28.6)              | 12 <sup>1</sup> /8 (308.0)             | 12 <sup>1</sup> /8 (308.0)             | 13 <sup>1</sup> / <sub>2</sub> (343) |
| 10                  | 1 <sup>3</sup> / <sub>16</sub> (30.2) | 14 <sup>5</sup> /8 (371.5)             | 14 <sup>5</sup> /8 (371.5)             | 16 (407)                             |
| 12                  | 1 <sup>1</sup> / <sub>4</sub> (32.0)  | 17 <sup>1</sup> / <sub>4</sub> (438.0) | 17 <sup>1</sup> / <sub>4</sub> (438.0) | 19 (483)                             |
| 14                  | 1 <sup>3</sup> /8 (34.9)              | 19 <sup>3</sup> /8 (492.1)             | 19 <sup>3</sup> /8 (492.1)             | 21 (534)                             |

# Optional CSA Type 4/Explosion Proof Enclosure With Thermostat

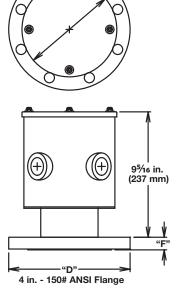


**To order:** Reference the *Ordering Information* on page 281.

## Optional General Purpose/or NEMA 4 Enclosure With Thermostat



## Optional NEMA 4 Enclosure With Thermostat



**Note:** Dimensions for all 5 to 14 in. flange heaters with General Purpose or NEMA 4 Enclosure with thermostats are identical to units supplied without thermostats.