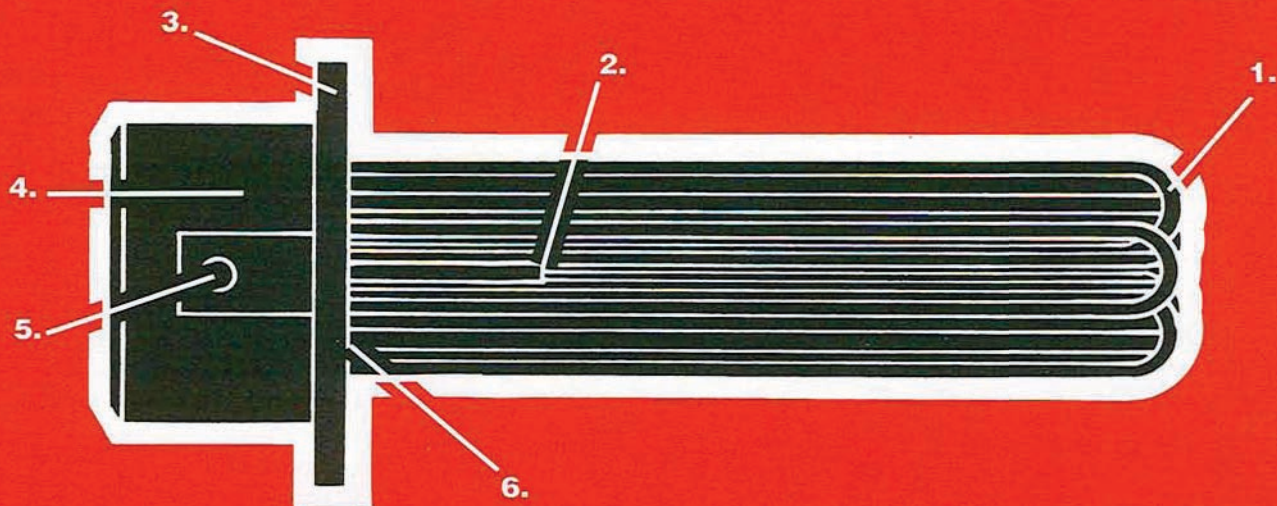


# FLANGED IMMERSION HEATERS



1. .475" DIA. INCOLOY SHEATHED TUBULAR ELEMENTS
2. 1/2" DIA. INCOLOY THERMOWELL TO ACCEPT UP TO 3/8" DIA. SENSING BULB
3. ASA 150 LB. CARBON STEEL BLIND FLANGES

4. NEMA I GENERAL PURPOSE WIRING ENCLOSURE
5. FIXED SUPPORT BRACKET FOR CONDUIT CONNECTION ALLOWS COVER TO BE REMOVED WITHOUT DISTURBING WIRING CONNECTIONS
6. LEAKTIGHT WELDED CONSTRUCTION BETWEEN ELEMENTS AND FLANGE

## FEATURES

- ANSI RAISED FACE FLANGES
- INCOLOY ELEMENTS STANDARD
- WELDED OR BRAZED CONSTRUCTION
- NEMA 1 HOUSING STANDARD
- NEMA 4/7 HOUSING OPTIONAL
- BUILT-IN THERMOSTATS AVAILABLE
- ASME CODE STAMPED OPTIONAL

## APPLICATIONS

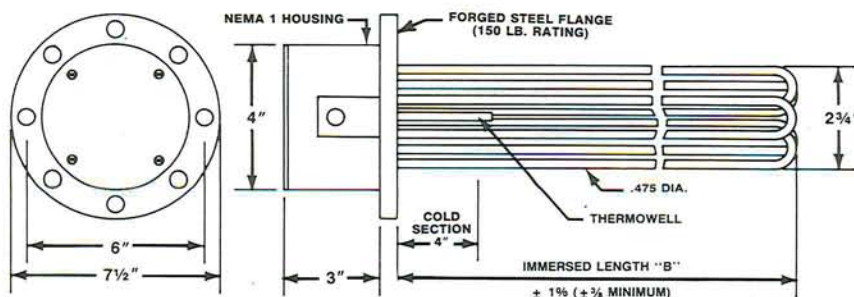
- HOT LIQUID STORAGE
- PRE-HEATING OILS
- HEAT TRANSFER SYSTEMS
- PROCESS AIR AND GAS HEATING
- FOOD PROCESS EQUIPMENT
- FREEZE PROTECTION
- BOILER HEATING

**DELTA**   
MANUFACTURING  
COMPANY INCORPORATED



# FLANGED IMMERSION HEATERS

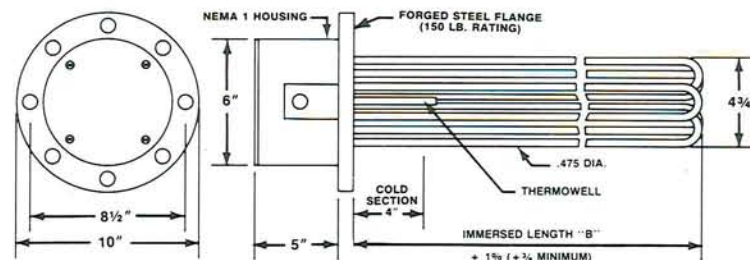
**3" - 150#**  
(3) .475 dia. elements



|                         |                | 48 WSI                        |                      | 23 WSI                                   |                      | 12 WSI                              |                      | 8 WSI                             |                      |                    |
|-------------------------|----------------|-------------------------------|----------------------|------------------------------------------|----------------------|-------------------------------------|----------------------|-----------------------------------|----------------------|--------------------|
|                         |                | CLEAN WATER<br>MILD SOLUTIONS |                      | GASES, LT. WT. OILS<br>CAUSTIC SOLUTIONS |                      | GASES, MED. WT.<br>OILS, CORROSIVES |                      | GASES, #6 FUEL<br>OIL, CORROSIVES |                      |                    |
| INSERT<br>LENGTH<br>"B" | VOLTS<br>3-PH. | KW                            | MODEL<br>NUMBER      | KW                                       | MODEL<br>NUMBER      | KW                                  | MODEL<br>NUMBER      | KW                                | MODEL<br>NUMBER      | NET<br>WT.<br>LBS. |
| 18"                     | 240<br>480     | 6                             | H33-6-3<br>H33-6-5   | 3                                        | M33-3-3<br>M33-3-5   | 1.5                                 | L33-15-3<br>L33-15-5 | 1                                 | V33-1-3<br>V33-1-5   | 15                 |
| 20"                     | 240<br>480     | 7.5                           | H33-75-3<br>H33-75-5 | 3.7                                      | M33-37-3<br>M33-37-5 | 2                                   | L33-2-3<br>L33-2-5   | 1.2                               | V33-12-3<br>V33-12-5 | 15                 |
| 25¼"                    | 240<br>480     | 9                             | H33-9-3<br>H33-9-5   | 4.5                                      | M33-45-3<br>M33-45-5 | 2.3                                 | L33-23-3<br>L33-23-5 | 1.5                               | V33-15-3<br>V33-15-5 | 16                 |
| 33"                     | 240<br>480     | 12                            | H33-12-3<br>H33-12-5 | 6                                        | M33-6-3<br>M33-6-5   | 3                                   | L33-3-3<br>L33-3-5   | 2                                 | V33-2-3<br>V33-2-5   | 17                 |
| 40¾"                    | 240<br>480     | 15                            | H33-15-3<br>H33-15-5 | 7.5                                      | M33-75-3<br>M33-75-5 | 3.7                                 | L33-37-3<br>L33-37-5 | 2.5                               | V33-25-3<br>V33-25-5 | 19                 |
| 48"                     | 240<br>480     | 18                            | H33-18-3<br>H33-18-5 | 9                                        | M33-9-3<br>M33-9-5   | 4.5                                 | L33-45-3<br>L33-45-5 | 3                                 | V33-3-3<br>V33-3-5   | 20                 |
| 52"                     | 240<br>480     | 20                            | H33-20-3<br>H33-20-5 | 10                                       | M33-10-3<br>M33-10-5 | 5                                   | L33-5-3<br>L33-5-5   | 3.3                               | V33-33-3<br>V33-33-5 | 21                 |

Note: All models wired for 3-phase operation unless otherwise specified.

**5" - 150#**  
(6) .475 dia. elements

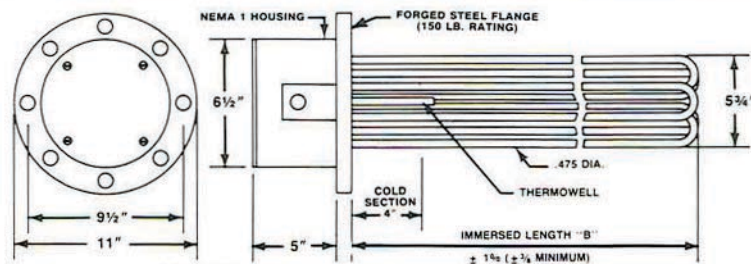


|                         |                | 48 WSI                        |                      | 23 WSI                                   |                      | 12 WSI                              |                        | 8 WSI                             |                      |                    |
|-------------------------|----------------|-------------------------------|----------------------|------------------------------------------|----------------------|-------------------------------------|------------------------|-----------------------------------|----------------------|--------------------|
|                         |                | CLEAN WATER<br>MILD SOLUTIONS |                      | GASES, LT. WT. OILS<br>CAUSTIC SOLUTIONS |                      | GASES, MED. WT.<br>OILS, CORROSIVES |                        | GASES, #6 FUEL<br>OIL, CORROSIVES |                      |                    |
| INSERT<br>LENGTH<br>"B" | VOLTS<br>3-PH. | KW                            | MODEL<br>NUMBER      | KW                                       | MODEL<br>NUMBER      | KW                                  | MODEL<br>NUMBER        | KW                                | MODEL<br>NUMBER      | NET<br>WT.<br>LBS. |
| 13"                     | 240<br>480     | 9                             | H56-9-3<br>H56-9-5   | 4.5                                      | M56-45-3<br>M56-45-5 | 2.2                                 | L56-22-3<br>L56-22-5   | 1.5                               | V56-15-3<br>V56-15-5 | 28                 |
| 18"                     | 240<br>480     | 12                            | H56-12-3<br>H56-12-5 | 6                                        | M56-6-3<br>M56-6-5   | 3                                   | L56-3-3<br>L56-3-5     | 2                                 | V56-2-3<br>V56-2-5   | 29                 |
| 20"                     | 240<br>480     | 15                            | H56-15-3<br>H56-15-5 | 7.5                                      | M56-75-3<br>M56-75-5 | 3.7                                 | L56-37-3<br>L56-37-5   | 2.5                               | V56-25-3<br>V56-25-5 | 30                 |
| 25¼ "                   | 240<br>480     | 18                            | H56-18-3<br>H56-18-5 | 9                                        | M56-9-3<br>M56-9-5   | 4.5                                 | L56-45-3<br>L56-45-5   | 3                                 | V56-3-3<br>V56-3-5   | 36                 |
| 33"                     | 240<br>480     | 24                            | H56-24-3<br>H56-24-5 | 12                                       | M56-12-3<br>M56-12-5 | 6                                   | L56-6-3<br>L56-6-5     | 4                                 | V56-4-3<br>V56-4-5   | 39                 |
| 40¾ "                   | 240<br>480     | 30                            | H56-30-3<br>H56-30-5 | 15                                       | M56-15-3<br>M56-15-5 | 7.5                                 | L56-75-3<br>L56-75-5   | 5                                 | V56-5-3<br>V56-5-5   | 43                 |
| 48"                     | 240<br>480     | 36                            | H56-36-3<br>H56-36-5 | 18                                       | M56-18-3<br>M56-18-5 | 9                                   | L56-9-3<br>L56-9-5     | 6                                 | V56-6-3<br>V56-6-5   | 48                 |
| 52"                     | 240<br>480     | 40                            | H56-40-3<br>H56-40-5 | 20                                       | M56-20-3<br>M56-20-5 | 10                                  | L56-10-3<br>L56-10-5   | 6.7                               | V56-67-3<br>V56-67-5 | 52                 |
| 62"                     | 240<br>480     | 50                            | H56-50-3<br>H56-50-5 | 25                                       | M56-25-3<br>M56-25-5 | 12.5                                | L56-125-3<br>L56-125-5 | 8.3                               | V56-83-3<br>V56-83-5 | 58                 |
| 78"                     | 240<br>480     | 60                            | H56-60-3<br>H56-60-5 | 30                                       | M56-30-3<br>M56-30-5 | 15                                  | L56-15-3<br>L56-15-5   | 10                                | V56-10-3<br>V56-10-5 | 64                 |



# FLANGED IMMERSION HEATERS

**6" - 150#**  
(12) .475 dia. elements



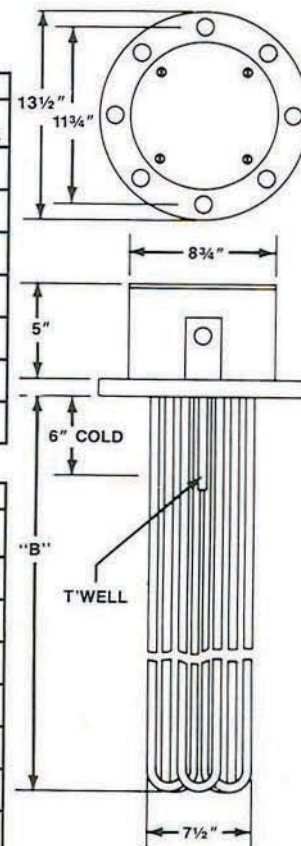
| INSERT LENGTH "B" | VOLTS 3-PH. | 48 WSI                     |                          | 23 WSI                                |                        | 12 WSI                           |                        | 8 WSI                          |                        | NET WT. LBS. |
|-------------------|-------------|----------------------------|--------------------------|---------------------------------------|------------------------|----------------------------------|------------------------|--------------------------------|------------------------|--------------|
|                   |             | CLEAN WATER MILD SOLUTIONS | MODEL NUMBER             | GASES, LT. WT. OILS CAUSTIC SOLUTIONS | MODEL NUMBER           | GASES, MED. WT. OILS, CORROSIVES | MODEL NUMBER           | GASES, #6 FUEL OIL, CORROSIVES | MODEL NUMBER           |              |
| 13"               | 240<br>480  | 18                         | H612-18-3<br>H612-18-5   | 9                                     | M612-9-3<br>M612-9-5   | 4.5                              | L612-45-3<br>L612-45-5 | 3                              | V612-3-3<br>V612-3-5   | 46           |
| 18"               | 240<br>480  | 24                         | H612-24-3<br>H612-24-5   | 12                                    | M612-12-3<br>M612-12-5 | 6                                | L612-6-3<br>L612-6-5   | 4                              | V612-4-3<br>V612-4-5   | 48           |
| 20"               | 240<br>480  | 30                         | H612-30-3<br>H612-30-5   | 15                                    | M612-15-3<br>M612-15-5 | 7.5                              | L612-75-3<br>L612-75-5 | 5                              | V612-5-3<br>V612-5-5   | 50           |
| 25 1/4"           | 240<br>480  | 36                         | H612-36-3<br>H612-36-5   | 18                                    | M612-18-3<br>M612-18-5 | 9                                | L612-9-3<br>L612-9-5   | 6                              | V612-6-3<br>V612-6-5   | 52           |
| 33"               | 240<br>480  | 48                         | H612-48-3<br>H612-48-5   | 24                                    | M612-24-3<br>M612-24-5 | 12                               | L612-12-3<br>L612-12-5 | 8                              | V612-8-3<br>V612-8-5   | 55           |
| 40 3/4"           | 240<br>480  | 60                         | H612-60-3<br>H612-60-5   | 30                                    | M612-30-3<br>M612-30-5 | 15                               | L612-15-3<br>L612-15-5 | 10                             | V612-10-3<br>V612-10-5 | 60           |
| 48"               | 240<br>480  | 72                         | H612-72-3<br>H612-72-5   | 36                                    | M612-36-3<br>M612-36-5 | 18                               | L612-18-3<br>L612-18-5 | 12                             | V612-12-3<br>V612-12-5 | 63           |
| 52"               | 240<br>480  | 80                         | H612-80-3<br>H612-80-5   | 40                                    | M612-40-3<br>M612-40-5 | 20                               | L612-20-3<br>L612-20-5 | 13                             | V612-13-3<br>V612-13-5 | 66           |
| 62"               | 240<br>480  | 100                        | H612-100-3<br>H612-100-5 | 50                                    | M612-50-3<br>M612-50-5 | 25                               | L612-25-3<br>L612-25-5 | 17                             | V612-17-3<br>V612-17-5 | 70           |
| 78"               | 240<br>480  | 120                        | H612-120-3<br>H612-120-5 | 60                                    | M612-60-3<br>M612-60-5 | 30                               | L612-30-3<br>L612-30-5 | 20                             | V612-20-3<br>V612-20-5 | 80           |

**8" - 150#**

**FORGED STEEL FLANGE - NEMA 1 HOUSING**  
(18) .475 dia. elements

| 48 WSI                      |     |                          |              | 23 WSI                       |                   |     |                          |              |
|-----------------------------|-----|--------------------------|--------------|------------------------------|-------------------|-----|--------------------------|--------------|
| CLEAN WATER, MILD SOLUTIONS |     |                          |              | LT. WT. OILS, GASES, CAUSTIC |                   |     |                          |              |
| INSERT LENGTH "B"           | KW  | MODEL NUMBER             | NET WT. LBS. | VOLTS 3-PH                   | INSERT LENGTH "B" | KW  | MODEL NUMBER             | NET WT. LBS. |
| 27½"                        | 50  | H818-50-3<br>H818-50-5   | 102          | 240<br>480                   | 32¾"              | 30  | M818-30-3<br>M818-30-5   | 104          |
| 36½"                        | 75  | H818-75-3<br>H818-75-5   | 110          | 240<br>480                   | 43¾"              | 40  | M818-40-3<br>M818-40-5   | 115          |
| 44"                         | 100 | H818-100-3<br>H818-100-5 | 119          | 240<br>480                   | 51¾"              | 50  | M818-50-3<br>M818-50-5   | 122          |
| 52"                         | 120 | H818-120-3<br>H818-120-5 | 123          | 240<br>480                   | 61½"              | 60  | M818-60-3<br>M818-60-5   | 133          |
| 61½"                        | 150 | H818-150-3<br>H818-150-5 | 133          | 240<br>480                   | 70"               | 70  | M818-70-3<br>M818-70-5   | 140          |
| 70"                         | 175 | H818-175-3<br>H818-175-5 | 140          | 240<br>480                   | 79"               | 80  | M818-80-3<br>M818-80-5   | 147          |
| 79"                         | 200 | H818-200-3<br>H818-200-5 | 147          | 240<br>480                   | 88"               | 100 | M818-100-3<br>M818-100-5 | 155          |

| 12 WSI                           |    |                        |              | 8 WSI                           |                   |    |                        |              |
|----------------------------------|----|------------------------|--------------|---------------------------------|-------------------|----|------------------------|--------------|
| MED. WT. OILS, GASES, CORROSIVES |    |                        |              | #6 FUEL OILS, GASES, CORROSIVES |                   |    |                        |              |
| INSERT LENGTH "B"                | KW | MODEL NUMBER           | NET WT. LBS. | VOLTS 3-PH                      | INSERT LENGTH "B" | KW | MODEL NUMBER           | NET WT. LBS. |
| 27½"                             | 12 | L818-12-3<br>L818-12-5 | 102          | 240<br>480                      | 32¾"              | 10 | V818-10-3<br>V818-10-5 | 104          |
| 36½"                             | 18 | L818-18-3<br>L818-18-5 | 110          | 240<br>480                      | 43¾"              | 13 | V818-13-3<br>V818-13-5 | 115          |
| 44"                              | 25 | L818-25-3<br>L818-25-5 | 119          | 240<br>480                      | 51¾"              | 16 | V818-16-3<br>V818-16-5 | 122          |
| 52"                              | 30 | L818-30-3<br>L818-30-5 | 123          | 240<br>480                      | 61½"              | 20 | V818-20-3<br>V818-20-5 | 133          |
| 61½"                             | 37 | L818-37-3<br>L818-37-5 | 133          | 240<br>480                      | 70"               | 23 | V818-23-3<br>V818-23-5 | 140          |
| 70"                              | 44 | L818-44-3<br>L818-44-5 | 140          | 240<br>480                      | 79"               | 27 | V818-27-3<br>V818-27-5 | 147          |
| 79"                              | 50 | L818-50-3<br>L818-50-5 | 147          | 240<br>480                      | 88"               | 30 | V818-30-3<br>V818-30-5 | 155          |





# FLANGED IMMERSION HEATERS

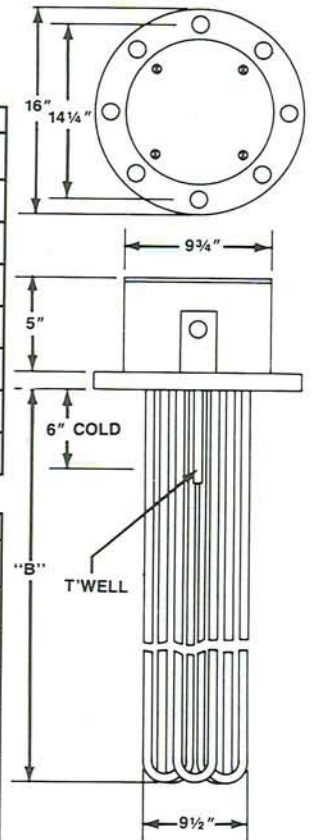
## 10" - 150#

**FORGED STEEL FLANGE – NEMA 1 HOUSING**  
(27) .475 dia. elements

| 48 WSI                      |     |                            |              |            | 23 WSI                       |     |                            |              |  |
|-----------------------------|-----|----------------------------|--------------|------------|------------------------------|-----|----------------------------|--------------|--|
| CLEAN WATER, MILD SOLUTIONS |     |                            |              |            | LT. WT. OILS, GASES, CAUSTIC |     |                            |              |  |
| INSERT LENGTH "B"           | KW  | MODEL NUMBER               | NET WT. LBS. | VOLTS 3-PH | INSERT LENGTH "B"            | KW  | MODEL NUMBER               | NET WT. LBS. |  |
| 27"                         | 75  | H1027-75-3<br>H1027-75-5   | 125          | 240<br>480 | 33"                          | 45  | M1027-45-3<br>M1027-45-5   | 135          |  |
| 34"                         | 100 | H1027-100-3<br>H1027-100-5 | 135          | 240<br>480 | 43 3/4"                      | 60  | M1027-60-3<br>M1027-60-5   | 168          |  |
| 40 1/2"                     | 125 | H1027-125-3<br>H1027-125-5 | 160          | 240<br>480 | 51 3/4"                      | 75  | M1027-75-3<br>M1027-75-5   | 195          |  |
| 47"                         | 150 | H1027-150-3<br>H1027-150-5 | 175          | 240<br>480 | 61 1/2"                      | 90  | M1027-90-3<br>M1027-90-5   | 215          |  |
| 54"                         | 175 | H1027-175-3<br>H1027-175-5 | 200          | 240<br>480 | 70"                          | 105 | M1027-105-3<br>M1027-105-5 | 235          |  |
| 61"                         | 200 | H1027-200-3<br>H1027-200-5 | 215          | 240<br>480 | 79"                          | 120 | M1027-120-3<br>M1027-120-5 | 255          |  |
| 68"                         | 225 | H1027-225-3<br>H1027-225-5 | 230          | 240<br>480 | 88"                          | 135 | M1027-135-3<br>M1027-135-5 | 275          |  |

| 12 WSI                           |    |                          |              |            | 8 WSI                           |    |                          |              |  |
|----------------------------------|----|--------------------------|--------------|------------|---------------------------------|----|--------------------------|--------------|--|
| MED. WT. OILS, GASES, CORROSIVES |    |                          |              |            | #6 FUEL OILS, GASES, CORROSIVES |    |                          |              |  |
| INSERT LENGTH "B"                | KW | MODEL NUMBER             | NET WT. LBS. | VOLTS 3-PH | INSERT LENGTH "B"               | KW | MODEL NUMBER             | NET WT. LBS. |  |
| 34"                              | 25 | L1027-25-3<br>L1027-25-5 | 135          | 240<br>480 | 43 3/4"                         | 20 | V1027-20-3<br>V1027-20-5 | 168          |  |
| 40 1/2"                          | 30 | L1027-30-3<br>L1027-30-5 | 160          | 240<br>480 | 51 3/4"                         | 25 | V1027-25-3<br>V1027-25-5 | 195          |  |
| 54"                              | 45 | L1027-45-3<br>L1027-45-5 | 200          | 240<br>480 | 61 1/2"                         | 30 | V1027-30-3<br>V1027-30-5 | 215          |  |
| 61"                              | 50 | L1027-50-3<br>L1027-50-5 | 215          | 240<br>480 | 70"                             | 35 | V1027-35-3<br>V1027-35-5 | 235          |  |
| 68"                              | 55 | L1027-55-3<br>L1027-55-5 | 230          | 240<br>480 | 79"                             | 40 | V1027-40-3<br>V1027-40-5 | 255          |  |
| 75"                              | 60 | L1027-60-3<br>L1027-60-5 | 250          | 240<br>480 | 88"                             | 45 | V1027-45-3<br>V1027-45-5 | 275          |  |



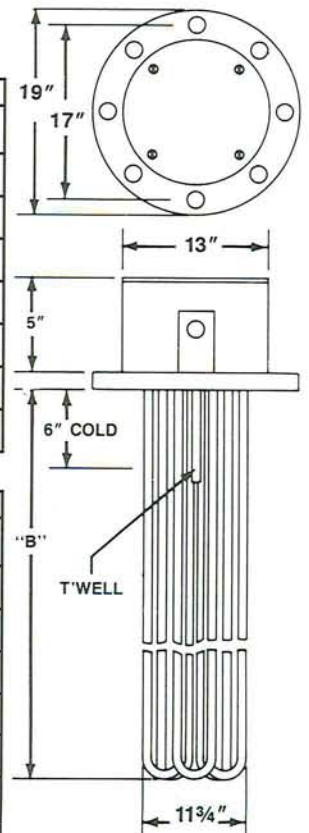
## 12" - 150#

**FORGED STEEL FLANGE – NEMA 1 HOUSING**  
(36) .475 dia. elements

| 48 WSI                      |     |                            |              |            | 23 WSI                       |     |                            |              |  |
|-----------------------------|-----|----------------------------|--------------|------------|------------------------------|-----|----------------------------|--------------|--|
| CLEAN WATER, MILD SOLUTIONS |     |                            |              |            | LT. WT. OILS, GASES, CAUSTIC |     |                            |              |  |
| INSERT LENGTH "B"           | KW  | MODEL NUMBER               | NET WT. LBS. | VOLTS 3-PH | INSERT LENGTH "B"            | KW  | MODEL NUMBER               | NET WT. LBS. |  |
| 27 1/2"                     | 100 | H1236-100-3<br>H1236-100-5 | 210          | 240<br>480 | 32 3/4"                      | 60  | M1236-60-3<br>M1236-60-5   | 215          |  |
| 36 1/2"                     | 150 | H1236-150-3<br>H1236-150-5 | 230          | 240<br>480 | 43 3/4"                      | 80  | M1236-80-3<br>M1236-80-5   | 235          |  |
| 44"                         | 200 | H1236-200-3<br>H1236-200-5 | 245          | 240<br>480 | 51 3/4"                      | 100 | M1236-100-3<br>M1236-100-5 | 250          |  |
| 52"                         | 240 | H1236-240-3<br>H1236-240-5 | 260          | 240<br>480 | 61 1/2"                      | 120 | M1236-120-3<br>M1236-120-5 | 265          |  |
| 61 1/2"                     | 300 | H1236-300-3<br>H1236-300-5 | 275          | 240<br>480 | 70"                          | 140 | M1236-140-3<br>M1236-140-5 | 285          |  |
| 70"                         | 350 | H1236-350-3<br>H1236-350-5 | 305          | 240<br>480 | 79"                          | 160 | M1236-160-3<br>M1236-160-5 | 310          |  |
| 79"                         | 400 | H1236-400-3<br>H1236-400-5 | 320          | 240<br>480 | 88"                          | 200 | M1236-200-3<br>M1236-200-5 | 330          |  |

| 12 WSI                           |     |                            |              |            | 8 WSI                           |    |                          |              |  |
|----------------------------------|-----|----------------------------|--------------|------------|---------------------------------|----|--------------------------|--------------|--|
| MED. WT. OILS, GASES, CORROSIVES |     |                            |              |            | #6 FUEL OILS, GASES, CORROSIVES |    |                          |              |  |
| INSERT LENGTH "B"                | KW  | MODEL NUMBER               | NET WT. LBS. | VOLTS 3-PH | INSERT LENGTH "B"               | KW | MODEL NUMBER             | NET WT. LBS. |  |
| 27 1/2"                          | 24  | L1236-24-3<br>L1236-24-5   | 210          | 240<br>480 | 32 3/4"                         | 20 | V1236-20-3<br>V1236-20-5 | 215          |  |
| 36 1/2"                          | 36  | L1236-36-3<br>L1236-36-5   | 230          | 240<br>480 | 43 3/4"                         | 27 | V1236-27-3<br>V1236-27-5 | 235          |  |
| 44"                              | 50  | L1236-50-3<br>L1236-50-5   | 245          | 240<br>480 | 51 3/4"                         | 33 | V1236-33-3<br>V1236-33-5 | 250          |  |
| 52"                              | 60  | L1236-60-3<br>L1236-60-5   | 260          | 240<br>480 | 61 1/2"                         | 40 | V1236-40-3<br>V1236-40-5 | 265          |  |
| 61 1/2"                          | 75  | L1236-75-3<br>L1236-75-5   | 275          | 240<br>480 | 70"                             | 45 | V1236-45-3<br>V1236-45-5 | 285          |  |
| 70"                              | 90  | L1236-90-3<br>L1236-90-5   | 305          | 240<br>480 | 79"                             | 55 | V1236-55-3<br>V1236-55-5 | 310          |  |
| 79"                              | 100 | L1236-100-3<br>L1236-100-5 | 320          | 240<br>480 | 88"                             | 60 | V1236-60-3<br>V1236-60-5 | 330          |  |





# FLANGED IMMERSION HEATERS

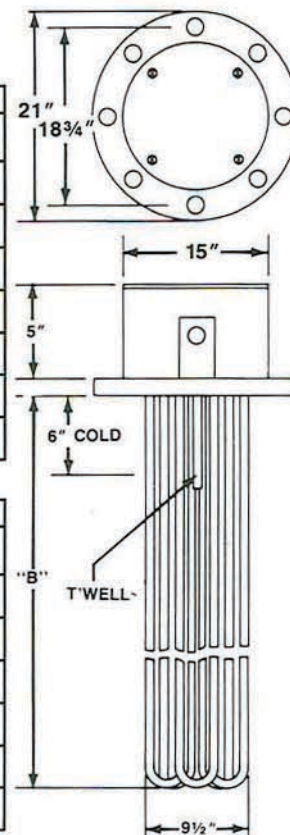
## 14" - 150#

**FORGED STEEL FLANGE - NEMA 1 HOUSING**  
(45) .475 dia. elements

| 48 WSI                      |     |                            |              |            | 23 WSI                       |     |                            |              |  |
|-----------------------------|-----|----------------------------|--------------|------------|------------------------------|-----|----------------------------|--------------|--|
| CLEAN WATER, MILD SOLUTIONS |     |                            |              |            | LT. WT. OILS, GASES, CAUSTIC |     |                            |              |  |
| INSERT LENGTH "B"           | KW  | MODEL NUMBER               | NET WT. LBS. | VOLTS 3-PH | INSERT LENGTH "B"            | KW  | MODEL NUMBER               | NET WT. LBS. |  |
| 27"                         | 125 | H1445-125-3<br>H1445-125-5 | 265          | 240<br>480 | 33"                          | 75  | M1445-75-3<br>M1445-75-5   | 135          |  |
| 34"                         | 166 | H1445-166-3<br>H1445-166-5 | 280          | 240<br>480 | 43 3/4"                      | 100 | M1445-100-3<br>M1445-100-5 | 168          |  |
| 40 1/2"                     | 205 | H1445-205-3<br>H1445-205-5 | 300          | 240<br>480 | 51 3/4"                      | 125 | M1445-125-3<br>M1445-125-5 | 195          |  |
| 47"                         | 250 | H1445-250-3<br>H1445-250-5 | 320          | 240<br>480 | 61 1/2"                      | 150 | M1445-150-3<br>M1445-150-5 | 215          |  |
| 54"                         | 300 | H1445-300-3<br>H1445-300-5 | 350          | 240<br>480 | 70"                          | 175 | M1445-175-3<br>M1445-175-5 | 235          |  |
| 61"                         | 335 | H1445-335-3<br>H1445-335-5 | 375          | 240<br>480 | 79"                          | 200 | M1445-200-3<br>M1445-200-5 | 255          |  |
| 68"                         | 375 | H1445-375-3<br>H1445-375-5 | 390          | 240<br>480 | 88"                          | 225 | M1445-225-3<br>M1445-225-5 | 275          |  |

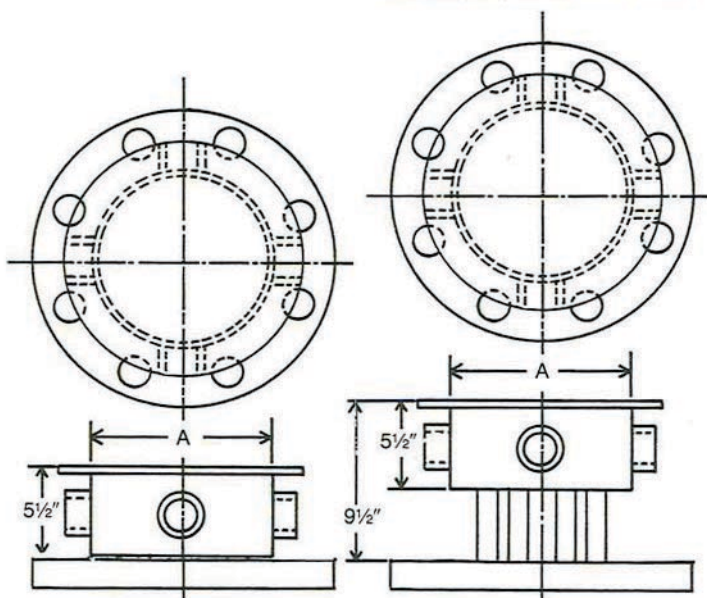
| 12 WSI                           |     |                            |              |            | 8 WSI                           |    |                          |              |  |
|----------------------------------|-----|----------------------------|--------------|------------|---------------------------------|----|--------------------------|--------------|--|
| MED. WT. OILS, GASES, CORROSIVES |     |                            |              |            | #6 FUEL OILS, GASES, CORROSIVES |    |                          |              |  |
| INSERT LENGTH "B"                | KW  | MODEL NUMBER               | NET WT. LBS. | VOLTS 3-PH | INSERT LENGTH "B"               | KW | MODEL NUMBER             | NET WT. LBS. |  |
| 34"                              | 40  | L1445-40-3<br>L1445-40-5   | 280          | 240<br>480 | 43 3/4"                         | 35 | V1445-35-3<br>V1445-35-5 | 285          |  |
| 40 1/2"                          | 50  | L1445-50-3<br>L1445-50-5   | 300          | 240<br>480 | 51 3/4"                         | 40 | V1445-40-3<br>V1445-40-5 | 330          |  |
| 54"                              | 75  | L1445-75-3<br>L1445-75-5   | 350          | 240<br>480 | 61 1/2"                         | 50 | V1445-50-3<br>V1445-50-5 | 375          |  |
| 61"                              | 85  | L1445-85-3<br>L1445-85-5   | 375          | 240<br>480 | 70"                             | 60 | V1445-60-3<br>V1445-60-5 | 385          |  |
| 68"                              | 90  | L1445-90-3<br>L1445-90-5   | 390          | 240<br>480 | 79"                             | 65 | V1445-65-3<br>V1445-65-5 | 420          |  |
| 75"                              | 100 | L1445-100-3<br>L1445-100-5 | 415          | 240<br>480 | 88"                             | 75 | V1445-75-3<br>V1445-75-5 | 440          |  |



### OPTIONAL TERMINAL HOUSING/ACCESSORIES

NEMA 4 OR NEMA 7

STAND OFF HOUSING  
HIGH TEMP APPLICATIONS



NOTE: Multiple circuits offered on 5" flanges and larger

### CONDUIT CONNECTIONS

| FLANGE SIZE | "A" MAX | CONDUIT | HUB        |
|-------------|---------|---------|------------|
| 3"          | 4 1/2"  | 1       | 1" NPT     |
| 5"          | 6 3/4"  | 1       | 1" NPT     |
| 6"          | 6 3/4"  | 1       | 1" NPT     |
| 8"          | 8 3/4"  | 2       | 1" NPT     |
| 10"         | 10 3/4" | 3       | 1 1/2" NPT |
| 12"         | 12 3/4" | 3       | 1 1/2" NPT |
| 14"         | 14"     | 3       | 2" NPT     |

\* When multiple connections are supplied, they are 90° apart

### HOW TO ORDER FLANGED IMMERSION HEATERS

1. Order by part number, if known
2. Quantity
3. Flange size: Material and pressure rating
4. Kilowatt and voltage
5. Optional features: Terminal housing, stand off construction, thermocouples
6. Control device and temperature range

**DELTA**  
MANUFACTURING  
COMPANY INCORPORATED