

# SELECT & SELECT HIGH EFFICIENCY RESIDENTIAL ELECTRIC WATER HEATERS SUBMITTAL SHEET



| Element Voltage & Wattage Table |                        |                       |   |   |   |                            |                     |
|---------------------------------|------------------------|-----------------------|---|---|---|----------------------------|---------------------|
| Gallon Capacity                 | Model Name             | Unit Standard Voltage | Available Element Voltage                                     |   |   |                            |                     |
|                                 |                        |                       | 120   | 208   | 240   | 277                        | 480                 |
| Tall                            | Select High Efficiency | 240                   | 1650w & 2500w   | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w | 1500w, 2500w, 4500w, 6000w | 2500w, 4500w, 6000w |
| 40                              |                        |                       |   |   |   |                            |                     |
| 52                              |                        |                       |   |   |   |                            |                     |
| 66                              |                        |                       |   |   |   |                            |                     |
| 80                              |                        |                       |   |   |   |                            |                     |
| Short                           | Select High Efficiency | 240                   | 1650w & 2500w   | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w | 1500w, 2500w, 4500w, 6000w | 2500w, 4500w, 6000w |
| 40                              |                        |                       |   |   |   |                            |                     |
| 50                              | 240                    | 1650w & 2500w         | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w               | 1500w, 2500w, 4500w, 6000w                      | 2500w, 4500w, 6000w        |                     |
| Tall                            |                        |                       |   |   |   |                            |                     |
| 30                              | Select                 | 240                   | 1650w & 2500w   | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w | 1500w, 2500w, 4500w, 6000w | 2500w, 4500w, 6000w |
| 40                              |                        |                       |   |   |   |                            |                     |
| 52                              |                        |                       |   |   |   |                            |                     |
| 55                              |                        |                       |   |   |   |                            |                     |
| 66                              |                        |                       |   |   |   |                            |                     |
| 80                              |                        |                       |   |   |   |                            |                     |
| 120                             |                        |                       |   |   |   |                            |                     |
| Short                           |                        |                       |   |   |   |                            |                     |
| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
| 50                              |                        |                       |   |   |   |                            |                     |
| Lowboy                          | Select                 | 240                   | 1650w & 2500w   | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w | 1500w, 2500w, 4500w, 6000w | 2500w, 4500w, 6000w |
| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
| 50                              | 240                    | 1650w & 2500w         | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w               | 1500w, 2500w, 4500w, 6000w                      | 2500w, 4500w, 6000w        |                     |
| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
| 50                              | 240                    | 1650w & 2500w         | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w               | 1500w, 2500w, 4500w, 6000w                      | 2500w, 4500w, 6000w        |                     |
| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
| 50                              | 240                    | 1650w & 2500w         | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w               | 1500w, 2500w, 4500w, 6000w                      | 2500w, 4500w, 6000w        |                     |
| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
| 50                              | 240                    | 1650w & 2500w         | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w               | 1500w, 2500w, 4500w, 6000w                      | 2500w, 4500w, 6000w        |                     |
| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
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| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
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| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
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| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
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| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
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| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |
| 50                              | 240                    | 1650w & 2500w         | 1000w, 1500w, 2500w, 3000w, 3500w, 4000w, 4500w, 5500w, 6000w | 1500w, 2000w, 3000w, 3800w, 4500w, 5500w, 6000w               | 1500w, 2500w, 4500w, 6000w                      | 2500w, 4500w, 6000w        |                     |
| 30                              |                        |                       |   |   |   |                            |                     |
| 40                              |                        |                       |   |   |   |                            |                     |

Some wattages are only available in incoloy.

| Maximum kW Input - All Residential 30-120 Gallon Models |         |              |                            |     |   |     |     |     |   |     |    |      |      |
|---|---------|--------------|----------------------------|-----|---|-----|-----|-----|---|-----|----|------|------|
| Models  | Voltage | Wiring       | Maximum kW Input Available |     |   |     |     |     |   |     |    |      |      |
| All 30-Gallon to 120-Gallon Models                      | 120v    | Interlock    | -                          | 1.5 | 2 | 2.5 | 3   | -   | - | -   | -  | -    | -    |
|   |         | Simultaneous | -                          | 3   | 4 | 5   | *** | -   | - | -   | -  | -    | -    |
|   | 208v    | Interlock    | 1                          | 1.5 | 2 | 2.5 | 3   | 3.5 | 4 | 4.5 | 5  | 5.5  | 6    |
|   |         | Simultaneous | 2                          | 3   | 4 | 5   | 6   | 7   | 8 | 9   | 10 | 11** | ***  |
|   | 240v    | Interlock    | 1                          | 1.5 | 2 | 2.5 | 3   | -   | 4 | 4.5 | 5  | 5.5  | 6    |
|   |         | Simultaneous | 2                          | 3   | 4 | 5   | 6   | -   | 8 | 9   | 10 | 11   | 12** |

- Not Available  
 \*\* Available in 3-Phase Only  
 \*\*\* Simultaneous wiring not available-exceeds allowable amperage draw

### SUGGESTED SPECIFICATIONS

This water heater(s) shall be State Model(s) No. \_\_\_\_\_ electric heater, or an approved equal. Heater(s) shall be rated at \_\_\_\_ kW, \_\_\_\_ Volts, \_\_\_\_ Cycle AC and listed by Underwriters' Laboratories. Heater(s) shall have a maximum working pressure of 150 psi, a nominal storage tank capacity of \_\_\_\_ gallons with a separate 3/4" tapping for relief valve installation. Unit shall include a rigidly supported anode rod for maximum cathodic protection. Anode rod shall be constructed of \_\_\_\_\_ material. All internal surfaces of the heater(s) exposed to water shall be coated with a glass lining composition that is fused to the tank steel. Electric heating elements shall be \_\_\_\_\_, screw-in design. Element operation shall be double element, non-simultaneous (unless ordered differently). The controls shall include a thermostat with each element and a high temperature cutoff. The jacket shall provide full size control compartments for performance of service and maintenance through front panel openings and enclose the tank with foam insulation. The drain valve shall be located in the front for ease of service. Outer jacket shall be an enamel type finish. Heater(s) shall have a \_\_\_\_ year limited warranty for residential installations; \_\_\_\_ year commercial installations as outlined in the written warranty. Fully illustrated instruction manual to be included. Heater(s) shall meet or exceed the Federal Energy Efficiency Standards effective January 20, 2004, according to the National Appliance Energy Conservation Act (NAECA) of 1992.

For Additional Technical Information,  
**PHONE: 800-365-0024**

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