

# TEMPRA® & TEMPRA® PLUS SERIES TANKLESS ELECTRIC WHOLE HOUSE WATER HEATERS SUBMITTAL SHEET

# STIEBEL ELTRON

## Simply the Best

TEMPRA® & TEMPRA® PLUS SERIES TANKLESS ELECTRIC WHOLE HOUSE WATER HEATERS. 208-240V RESIDENTIAL AND COMMERCIAL APPLICATIONS.

## Specifications

| Temptra® Model                                         |            | 12 / 12 Plus    |     | 15 / 15 Plus    |        | 20 / 20 Plus    |        | 24 / 24 Plus    |        | 29 Plus    |        | 36 Plus ** |        |
|--------------------------------------------------------|------------|-----------------|-----|-----------------|--------|-----------------|--------|-----------------|--------|------------|--------|------------|--------|
| Item Number                                            |            | 223420 / 224196 |     | 223421 / 224197 |        | 223422 / 224198 |        | 223424 / 224199 |        | 223425     |        | 223426     |        |
| Phase                                                  |            | single          |     | 2 x single      |        | 2 x single      |        | 2 x single      |        | 3 x single |        | 3 x single |        |
| Voltage                                                | V          | 208             | 240 | 208             | 240    | 208             | 240    | 208             | 240    | 208        | 240    | 208        | 240    |
| Wattage                                                | kW         | 9               | 12  | 10.8            | 14.4   | 14.4            | 19.2   | 18              | 24     | 21.6       | 28.8   | 27         | 36     |
| Amperage                                               | A          | 44              | 50  | 2 x 26          | 2 x 30 | 2 x 35          | 2 x 40 | 2 x 44          | 2 x 50 | 3 x 35     | 3 x 40 | 3 x 44     | 3 x 50 |
| Min. Required circuit breaker size                     | A          | 60              | 60  | 2 x 40          | 2 x 40 | 2 x 50          | 2 x 50 | 2 x 60          | 2 x 60 | 3 x 50     | 3 x 50 | 3 x 60     | 3 x 60 |
| Recommended wire size                                  | AWG COPPER | 6               | 6   | 2 x 8           | 2 x 8  | 2 x 8           | 2 x 8  | 2 x 6           | 2 x 6  | 3 x 8      | 3 x 8  | 3 x 6      | 3 x 6  |
|                                                        |            |                 |     |                 |        |                 |        |                 |        |            |        |            |        |
| Maximum temperature increase above ambient water temp. | @ 1.50 GPM | 41              | 54  | 49              | 65     | 66              | 88     | 82              | 92     | 92         | 92     | 92         | 92     |
|                                                        | @ 2.25 GPM | 27              | 36  | 37              | 43     | 44              | 58     | 54              | 73     | 66         | 87     | 82         | 92     |
|                                                        | @ 3.00 GPM | 20              | 27  | 25              | 33     | 33              | 44     | 41              | 54     | 49         | 66     | 61         | 82     |
|                                                        | @ 4.50 GPM | -               | -   | -               | -      | 22              | 29     | 27              | 37     | 33         | 44     | 41         | 55     |
| Min. water flow to activate unit                       | GPM/lmin   | 0.37 / 1.4      |     | 0.58 / 2.2      |        | 0.58 / 2.2      |        | 0.58 / 2.2      |        | 0.87 / 3.3 |        | 0.87 / 3.3 |        |
| Weight                                                 | Lb / kg    | 13.2 / 6.1      |     | 15.4 / 7.3      |        | 15.4 / 7.3      |        | 15.4 / 7.3      |        | 17.6 / 8.6 |        | 17.6 / 8.6 |        |
| Nominal water volume                                   | Gal        | 0.13 / 0.5      |     | 0.26 / 1.0      |        | 0.26 / 1.0      |        | 0.26 / 1.0      |        | 0.39 / 1.5 |        | 0.39 / 1.5 |        |
| Max. inlet temperature                                 | F / C      | 131 / 55        |     |                 |        |                 |        |                 |        |            |        |            |        |
| Width                                                  | inch / cm  | 16 5/8 (42.0)   |     |                 |        |                 |        |                 |        |            |        |            |        |
| Height                                                 | inch / cm  | 14 1/2 (36.9)   |     |                 |        |                 |        |                 |        |            |        |            |        |
| Depth                                                  | inch / cm  | 4 5/8 (11.7)    |     |                 |        |                 |        |                 |        |            |        |            |        |
| Working pressure                                       | PSI / BAR  | 150 / 10        |     |                 |        |                 |        |                 |        |            |        |            |        |
| Tested to pressure                                     | PSI / BAR  | 300 / 20        |     |                 |        |                 |        |                 |        |            |        |            |        |
| Water connections                                      |            | 3/4" NPT        |     |                 |        |                 |        |                 |        |            |        |            |        |

\* Suitable for supply with up to 131°F / 55°C

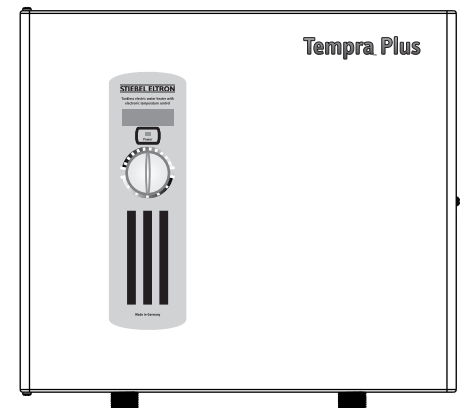
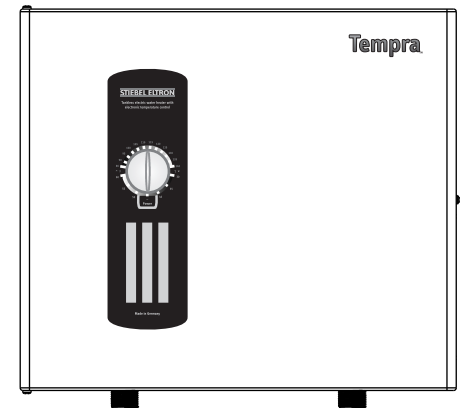
\* Tankless water heaters are considered a non-continuous load

\* Conductors should be sized to maintain a voltage drop of less than 3% under load

\*\* Requires a 300A main service

## Description

- Saves Energy and Reduces Your Electric Bills
- Residential or commercial applications
- Outperforms bulky hot water tanks
- Reduces hot water pipe runs
- Reduces piping losses
- Made in Germany
- No venting required
- Sleek design fits in anywhere
- 3-year warranty
- Seismic proof construction
- Microprocessor control
- Accurate temperatures (from 86 °F - 140 °F) ensure code compliance is easy
- No mixing valve, drain valve, or T&P\* valve required (\*Except in MA, or where local code dictates)



Temptra® 12-36 Plus

Temptra® Plus featuring Advanced Flow Control™

Advanced Flow Control is exclusive to the Temptra® Plus and ensures a constant temperature output no matter how great the hot water demand is.

Advanced Flow Control technology works by automatically adjusting the flow of water to eliminate unpleasant temperature fluctuations. This ensures an accurate temperature output at all times.