

For Your Home Comfort

Temptra™

Whole House
Tankless Electric
Water Heaters

Benefit From
Major Energy
Savings!



- Unlimited Supply of Hot Water
- Sleek Design Saves Space
- Proven Reliability

STIEBEL ELTRON

Simply the Best

800-582-8423

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The Best Electric Water Heating System You Can

The *Tempra*™ series of electric tankless water heaters

is the "Next Big Thing" for today's households!

Advanced technology, impressive energy-saving performance, and a compact design make it easy to consider a Tempra hot water system for your home. Tempra is exclusively manufactured by Stiebel Eltron, a pioneer and leader in tankless water heating technology for the past 80 years.

Applications

- Homes • Condos • Apartments
- Various Commercial Uses

Advantages

- **Unlimited Supply of Hot Water** Heats water instantaneously as it is needed. The Tempra unit completely replaces a conventional tank-type heater, with no disruptions to your comfort and hot water needs.
- **Saves Energy and Reduces Your Electric Bills** Electric tank-type water heaters are subject to stand-by losses which amount to 15-20% of the kWh used. Changing to a tankless system results in savings of at least 15-20% in comparison with an electric tank-type water heater.
- **Sleek Design Saves Space** The Tempra takes up considerably less space than a conventional tank-type water heater and saves valuable living space.
- **Proven Reliability Backed by a Three Year Warranty** STIEBEL ELTRON has an enviable track record of engineering excellence and product quality. The three years parts warranty is unique in the industry. You can depend on the Tempra unit for many years to come.
- **Seismic Proof Construction** Tempra is a tankless water heating system and not subject to seismic code. There is no need for preventative construction, as required when using a tank-type water heater.



Own !

STIEBEL ELTRON

**Endless
Hot Water!**



Featuring Advanced Microprocessor Control

A digital temperature control allows you to get hot water at the exact temperature for maximum comfort. Advanced microprocessor technology ensures that the water temperature never deviates from the set point. Just set the knob on the front cover, check the digital temperature display, and enjoy water temperatures between 86°F (30°C) and 125°F (52°C). This is the perfect combination of functionality and efficiency – hot water on demand, at the temperature you desire !

Tempra 29 & 36



Tempra 12-24





When Performance Matters

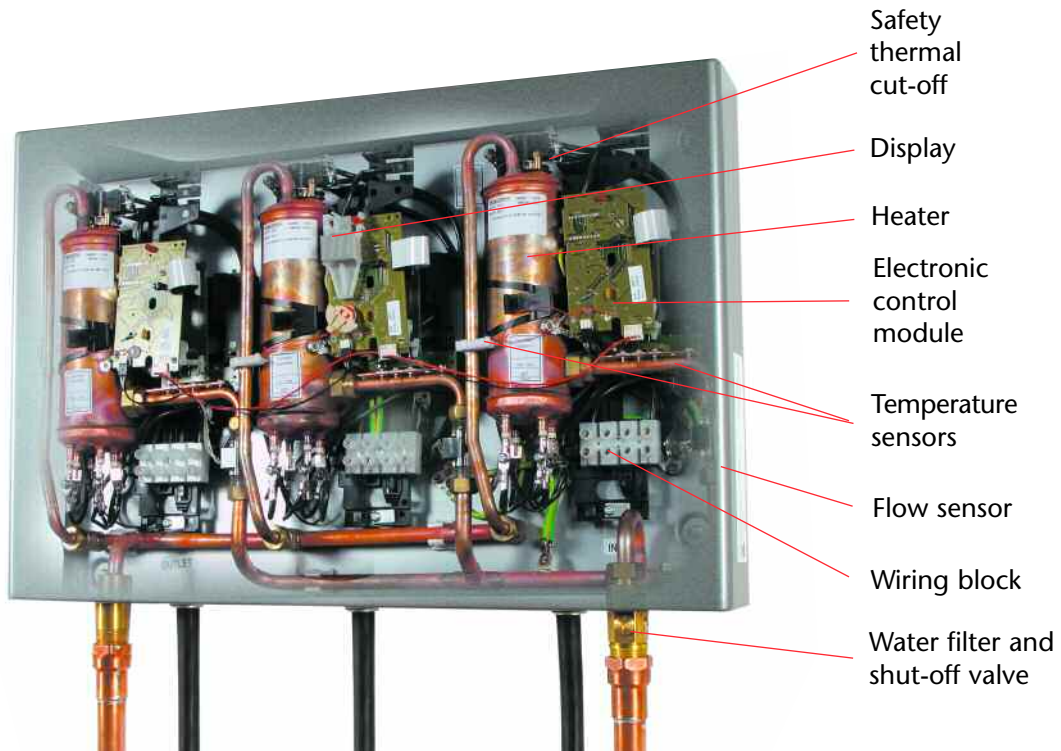
Introducing Proprietary Technology

Take The Cover Off.

We have done our homework. As an international leader in the tankless electric water heating industry, STIEBEL ELTRON is proud to have pioneered this tankless water heating technology. The company's German engineering and manufacturing tradition of excellence means that you can depend on its performance for many years to come.

Superior, Reliable Performance.

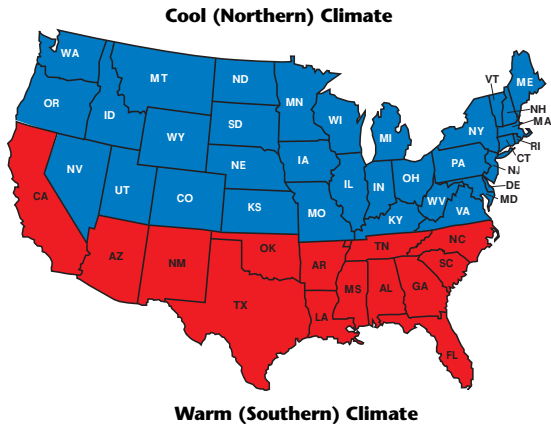
The Tempra has several temperature and flow sensors which feed their readings into the unit's proprietary microprocessor control. Heating elements are engaged in stages, achieving the temperature you desire. The Tempra continually monitors the water temperature it produces.



The right size for the application

Each household's hot water needs vary. Stiebel Eltron has created a full line of Tempra tankless hot water heaters to offer the homeowner a wide variety of choices which will efficiently meet their particular capacity requirements.

The sizing chart below provides helpful information that is important when determining which Tempra model best suits your particular household needs. Stiebel Eltron service representatives are also available to provide assistance and recommendations to homeowners and professional installers.



Sleek design makes for easy installation and saves valuable living space

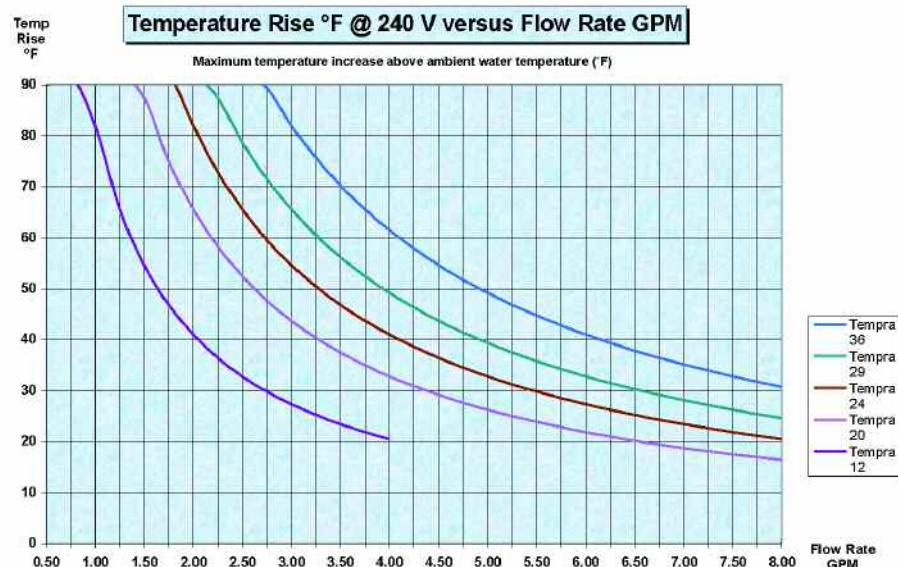
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Tankless Electric Water Heater Sizing Chart

| House or Condo | Tempra Model 12 | 20 | 24 | 29 | 36 |
|----------------|-----------------|--------------|--------------|------|------|
| 1 Bath | Red | Red | | | |
| 1 Bath | | Blue | Blue | | |
| 2 Baths | | Red | Red | | |
| 2 Baths | | | Blue | Blue | |
| 3 Baths | | | Red | Red | |
| 3 Baths | | | | Blue | Blue |
| 4 Baths | | 2X Tempra 20 | 2X Tempra 24 | | Red |
| 4 Baths | | | 2X Tempra 24 | | |

Red WARM CLIMATE

Blue COOL CLIMATE



Technical Data



**ISO 9001
CERTIFIED**

| Tempra Model | | 12 | | 20 | | 24 | | 29 | | 36 | |
|--|------------|--|-----|------------|--------|------------|--------|---------------|--------|------------|--------|
| Phase | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Voltage | V | 208 | 240 | 208 | 240 | 208 | 240 | 208 | 240 | 208 | 240 |
| Wattage | kW | 9 | 12 | 14.4 | 19.2 | 18 | 24 | 21.6 | 28.8 | 27 | 36 |
| Amperage | A | 44 | 50 | 70 | 80 | 88 | 100 | 105 | 120 | 132 | 150 |
| Min. Required circuit breaker size | A | 50 | 60 | 2 x 40 | 2 x 50 | 2 x 50 | 2 x 60 | 3 x 40 | 3 x 50 | 3 x 50 | 3 x 60 |
| Recommended wire size | AWG COPPER | 8 | 8 | 2 x 8 | 2 x 8 | 2 x 8 | 2 x 8 | 3 x 8 | 3 x 8 | 3 x 8 | 3 x 8 |
| Maximum temperature increase above ambient water temp. | @ 1.50 GPM | 41 | 54 | 66 | 88 | 82 | 92 | 92 | 92 | 92 | 92 |
| | @ 2.25 GPM | 27 | 36 | 44 | 58 | 54 | 73 | 66 | 87 | 82 | 92 |
| | @ 3.00 GPM | 20 | 27 | 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 | 0.29 / 1.1 | | 0.58 / 2.2 | | 0.58 / 2.2 | | 0.87 / 3.3 | | 0.87 / 3.3 | |
| Weight | Lb / kg | 15 / 6.8 | | 18 / 8.1 | | 18 / 8.1 | | 24.25 / 11 | | 24.25 / 11 | |
| Nominal water volume | Gal | 0.13 / 0.5 | | 0.26 / 1.0 | | 0.26 / 1.0 | | 0.39 / 1.5 | | 0.39 / 1.5 | |
| Width | inch / cm | 14 9/16 (37) | | | | | | 21 3/4 (55.2) | | | |
| Height | inch / cm | | | | | | | 14 1/2 (36.7) | | | |
| Depth | inch / cm | | | | | | | 4 5/8 (11.6) | | | |
| Working pressure | PSI / BAR | | | | | | | 150 / 10 | | | |
| Tested to pressure | PSI / BAR | | | | | | | 300 / 20 | | | |
| Water connections | | 3 / 4" NPT, with built in shut-off valve | | | | | | | | | |

* Suitable for supply with up to 107°F / 42°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

Stiebel Eltron Family of Products



Galaxy™ Hand Dryers



Solar Panels

Stiebel Eltron is a world leader in the development of advanced water heating technology. We have pursued engineering excellence and high quality over a period of several decades. This has resulted in products that fulfill the highest expectations in regards to performance and reliability. They are...**Simply the Best.**



Stiebel Eltron's plant in Holzminden, Germany.



DHC Tankless Electric Water Heaters



Electric Space Heaters

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