Mini™ Series
POINT-OF-USE
TANKLESS ELECTRIC WATER HEATERS

› Code-Compliant Thermostatic Model with Electronically Controlled Output Temperature
› Proven Reliability
› Exclusive Design Prevents Dry Firing
› Extremely Compact Design
› Unlimited Supply of Hot Water

800.582.8423
www.stiebel-eltron-usa.com
Stiebel Eltron Mini™ tankless water heaters are designed for installation at the point-of-use. Heating water instantaneously as it flows through the unit completely eliminates standby heat losses and saves energy.

The efficient heating elements are controlled by a flow switch. Additionally, all Mini™ water heaters are equipped with a safety high-limit with manual reset. The combination of meticulous German engineering and the best available materials ensures that every Mini™ is of the highest quality. They have been designed for many years of trouble-free service. Installation after installation has proven they have the lowest failure rates of any tankless water heaters in the industry. Nobody can compare with our exceptional reliability record and customer support services!

Simple and easy to install, Mini™ water heaters can be located above or below the fixture with water connections pointing up or down. No pressure relief valve, drains, or circulating pumps are needed.

Certified to ANSI/UL Std. 499
Mini™: Conforms to CAN/CSA Std. E335-1 & E335-2-35
Mini-E™: Conforms to CAN/CSA Std. C22.2 No. 6.4

Tested and certified by WQA against NSF ANSI 372 for lead free compliance.

Thermostatic Mini™-E Models

Mini™-E thermostatic tankless water heaters are the new electronically controlled version of our famous Mini™ tankless electric water heaters for handwashing.

The thermostatic electronic control gives them additional features beyond the capabilities of the mechanical Mini™ models.

Code-compliant hot water output

The electronic control board in conjunction with an automatic flow rate control allow Mini™-E models to come factory set to deliver water at 100°F. They will maintain an accurate outlet water temperature, even if there are pressure fluctuations in the water supply. This makes them eligible for installation where output temperatures must be limited by code.

Adjustable output temperatures

Mini™-E models are factory set to deliver water at 100°F, but orders can be placed for factory adjustment at custom temperatures. Please inquire regarding specific needs. A Mini™-E can also be field adjusted by the installer and secured to the new setting.

Multiple sink capability

Mini™-E model 6-2 can be plumbed to supply warm water for hand washing to two sinks in warm climates.
Stiebel Eltron Mini™ tankless electric water heaters are the ideal choice for point-of-use handwashing applications:

**Commercial**
- Office buildings
- Stores
- Malls
- Warehouses
- Restaurants
- Gas stations
- Schools
- Hotels/Motels
- Commercial condominiums
- Manufacturing facilities

**Industrial**
- Office buildings
- Stores
- Malls
- Warehouses
- Restaurants
- Gas stations
- Schools
- Hotels/Motels
- Commercial condominiums
- Manufacturing facilities

**Institutional**
- Office buildings
- Stores
- Malls
- Warehouses
- Restaurants
- Gas stations
- Schools
- Hotels/Motels
- Commercial condominiums
- Manufacturing facilities

**Residential**
- Bathroom sinks
- Laundry areas
- Cabins/cottages

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**Sizing Guide**

**Fixtures & Flow Rates**

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<th>Model</th>
<th>Min. activation</th>
<th>Possible Fixture Types</th>
<th>Flow Rate</th>
<th>Temperature for Max. Flow Rate Calculation</th>
<th>Temp. for Max. Flow Rate Calculation</th>
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</thead>
<tbody>
<tr>
<td>Mini.™/Mini.-E 2.5-1</td>
<td>0.40 / 0.30 GPM</td>
<td>Internally restricted to 0.32 / 0.40 GPM</td>
<td>0.34 GPM</td>
<td>42°F</td>
<td>62°F</td>
</tr>
<tr>
<td>Mini.™/Mini.-E 3-1</td>
<td>0.40 / 0.30 GPM</td>
<td>Internally restricted to 0.32 / 0.40 GPM</td>
<td>0.54 GPM</td>
<td>52°F</td>
<td>72°F</td>
</tr>
<tr>
<td>Mini.™/Mini.-E 3.5-1 OR Mini.™/Mini.-E 4-2</td>
<td>0.40 / 0.30 GPM</td>
<td>Internally restricted to 0.32 / 0.40 GPM</td>
<td>0.63 GPM</td>
<td>62°F</td>
<td>82°F</td>
</tr>
<tr>
<td>Mini.™/Mini.-E 6-2</td>
<td>0.40 / 0.30 GPM</td>
<td>Internally restricted to 0.32 / 0.40 GPM</td>
<td>0.85 GPM</td>
<td>72°F</td>
<td>92°F</td>
</tr>
<tr>
<td>Mini.™/Mini.-E 6-2</td>
<td>0.40 / 0.30 GPM</td>
<td>Internally restricted to 0.32 / 0.40 GPM</td>
<td>1.39 GPM</td>
<td>92°F</td>
<td>112°F</td>
</tr>
</tbody>
</table>

**Temperature Rise vs. Flow Rate at Max. Rated Voltage**

- Mini-E activation
- Mini activation
- Aerator / restrictor

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This guide shows possible point-of-use fixture or fixtures for use with each Mini™ or Mini™-E. It is not intended for whole house sizing. Use actual achievable flow rates to determine if a particular model and size will deliver the temperature and flow rate required for the installed fixture.
<table>
<thead>
<tr>
<th>Mechanical models:</th>
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<th>Phase</th>
<th>Voltage</th>
<th>Wattage</th>
<th>Amperage draw</th>
<th>Min. recommended circuit breaker size</th>
<th>Min. recommended wire size (copper)</th>
<th>Min. flow to activate</th>
<th>Water temp. range</th>
<th>Energy Factor (EF)</th>
<th>Weight</th>
<th>Dimensions</th>
<th>Water volume in unit</th>
<th>Working pressure</th>
<th>Tested to pressure</th>
<th>Water connections</th>
<th>Technical Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini™ 2-1</td>
<td>231045</td>
<td>50/60 Hz</td>
<td>120 V</td>
<td>1.8 kW</td>
<td>15 A</td>
<td>14/2 AWG</td>
<td>0.21 gpm (0.8 l/min)</td>
<td>0.98 / 0.97 (UET)</td>
<td>3.44 lb (1.56 kg)</td>
<td>Width 7½” (190 mm) x Height 6½” (165 mm) x Depth 3¼” (82 mm)</td>
<td>0.026 gal (0.1 l)</td>
<td>150 psi (10 bar)</td>
<td>300 psi (20 bar)</td>
<td>½” O.D. flexible braided stainless steel hose connectors</td>
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<tr>
<td>Mini™-E 2-1</td>
<td>236011</td>
<td></td>
<td>120 V</td>
<td>2.4 kW</td>
<td>20 A</td>
<td>12/2 AWG</td>
<td>0.40 gpm (1.5 l/min)</td>
<td>1.0 / 0.99</td>
<td>Copper must be used. Conductors should be sized to maintain a voltage drop of less than 3% under load.</td>
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<tr>
<td>Mini™ 3-1</td>
<td>232098</td>
<td></td>
<td>120 V</td>
<td>3.0 kW</td>
<td>25 A</td>
<td>10/2 AWG</td>
<td>0.40 gpm (1.5 l/min)</td>
<td>0.99 / 0.99</td>
<td>Mechanical units suitable for supply with cold water only. Thermostatic units can accept inlet water of 122 °F.</td>
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<tr>
<td>Mini™-E 3-1</td>
<td>236135</td>
<td></td>
<td>120 V</td>
<td>3.5 kW</td>
<td>29 A</td>
<td>10/2 AWG</td>
<td>0.40 gpm (1.5 l/min)</td>
<td>0.99 / 0.99</td>
<td>7 years leakage &amp; 3 years parts. Complete warranty online.</td>
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<tr>
<td>Mini™ 3.5-1</td>
<td>220816</td>
<td></td>
<td>240 V</td>
<td>3.6 kW</td>
<td>15 A</td>
<td>14/2 AWG</td>
<td>0.40 gpm (1.5 l/min)</td>
<td>1.0 / 0.99</td>
<td>17 West Street West Hatfield, MA 01088 TOLL FREE 800.582.8423 PHONE 413.247.3380 FAX 413.247.3369 <a href="mailto:info@stiebel-eltron-usa.com">info@stiebel-eltron-usa.com</a> <a href="http://www.stiebel-eltron-usa.com">www.stiebel-eltron-usa.com</a></td>
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<tr>
<td>Mini™-E 3.5-1</td>
<td>236136</td>
<td></td>
<td>208 V</td>
<td>3.6 kW</td>
<td>15 A</td>
<td>14/2 AWG</td>
<td>0.40 gpm (1.5 l/min)</td>
<td>0.99 / 1.0</td>
<td>7 years leakage &amp; 3 years parts. Complete warranty online.</td>
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<tr>
<td>Mini™ 4-2</td>
<td>222039</td>
<td></td>
<td>240 V</td>
<td>5.7 kW</td>
<td>13 A</td>
<td>10/2 AWG</td>
<td>0.30 gpm (1.15 l/min)</td>
<td>0.99 / 0.99</td>
<td>Printed on recycled chlorine-free paper with soy-based inks. *18-9.2019</td>
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<tr>
<td>Mini™-E 4-2</td>
<td>236009</td>
<td></td>
<td>208 V</td>
<td>4.3 kW</td>
<td>24 A</td>
<td>10/2 AWG</td>
<td>0.30 gpm (1.15 l/min)</td>
<td>1.0 / 0.99</td>
<td>Due to our continuous process of engineering and technological advancement, specifications may change without notice.</td>
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<tr>
<td>Mini™ 6-2</td>
<td>220817</td>
<td></td>
<td>240 V</td>
<td>5.7 kW</td>
<td>21 A</td>
<td>14/2 AWG</td>
<td>0.30 gpm (1.15 l/min)</td>
<td>1.0 / 0.99</td>
<td>Tested and certified by WQA against NSF/ANSI 372 for lead free compliance.</td>
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<tr>
<td>Mini™-E 6-2</td>
<td>236008</td>
<td></td>
<td>208 V</td>
<td>4.3 kW</td>
<td>25 A (DP)</td>
<td>10/2 AWG</td>
<td>0.30 gpm (1.15 l/min)</td>
<td>0.99 / 1.0</td>
<td>ISO 9001 CERTIFIED</td>
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1 Nominal mains voltage is 110–120 V and 220–240 V.
2 This is our recommendation for overcurrent protection sized at 100% of load. Check local codes for compliance if necessary. Tankless water heaters are considered a non-continuous load.
3 Copper must be used. Conductors should be sized to maintain a voltage drop of less than 3% under load.
4 Mechanical units suitable for supply with cold water only. Thermostatic units can accept inlet water of 122 °F.