

**STIEBEL ELTRON**

Simply the Best

Point-of-Use Tankless for Handwashing



# Mini™ Series

POINT-OF-USE

TANKLESS ELECTRIC WATER HEATERS



ISO 9001  
CERTIFIED



- › 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](http://www.stiebel-eltron-usa.com)

# Small & Reliable Water Heating for Handwashing

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.

**MADE IN GERMANY**



7 years leakage/  
3 years parts.  
Complete warranty  
online.



Certified to ANSI/UL  
Std. 499  
Mini™: Conforms to  
CAN/CSA E335-1 &  
E335-2-35  
Mini-E™: Conforms to  
CAN/CSA Std. C22.2  
No. 64



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



**All units come  
complete  
with pigtail!**



**Mini™-E  
THERMOSTATIC**

## 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

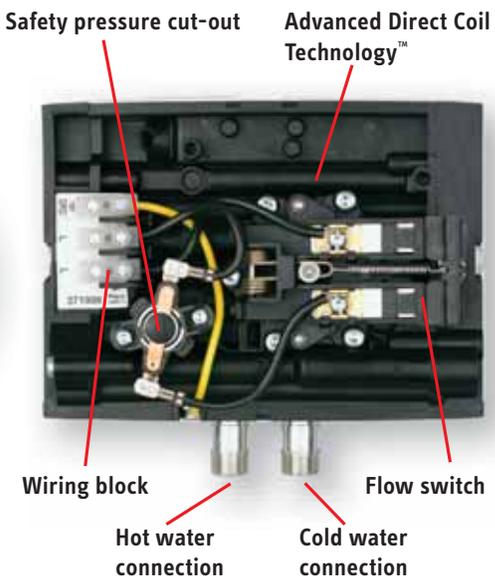
The electronic control board in conjunction with an automatic flow rate control allow Mini™-E models to come factory set to deliver water at 100°F. They will maintain an accurate outlet water temperature, even if there are pressure fluctuations in the water supply. This makes them eligible for installation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



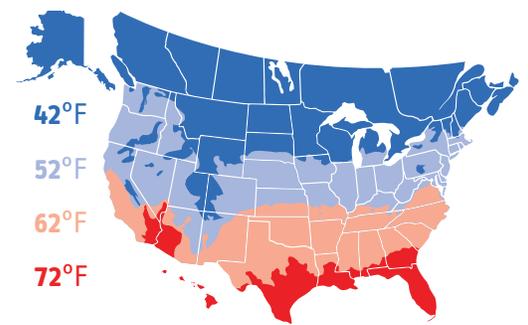
## Sizing Guide

**FIXTURES & FLOW RATES**  
 SHOWING POSSIBLE MODEL SUITABILITY  
 TEMP. FOR MAX. FLOW RATE CALCULATION

**SINGLE LAV SINK**  
 (Range 0.5-1.5)

**MULTIPLE SINKS**  
 Number varies

90°F



	42°F	52°F	62°F	72°F
<b>Mini™/Mini™-E 2-1</b>   Min. activation 0.21 GPM   Internally restricted to 0.32 / 0.40 GPM				
MAX. FLOW RATE	0.26 GPM	0.32 GPM	0.32 / 0.40 GPM	0.32 / 0.40 GPM
POSSIBLE FIXTURE TYPES				
<b>Mini™/Mini™-E 2.5-1</b>   Min. activation 0.40 / 0.30 GPM				
MAX. FLOW RATE	0.34 GPM	0.43 GPM	0.59 GPM	0.91 GPM
POSSIBLE FIXTURE TYPES				
<b>Mini™/Mini™-E 3-1</b>   Min. activation 0.40 / 0.30 GPM				
MAX. FLOW RATE	0.43 GPM	0.54 GPM	0.73 GPM	1.14 GPM
POSSIBLE FIXTURE TYPES				
<b>Mini™/Mini™-E 3.5-1 OR Mini™/Mini™-E 4-2</b>   Min. activation 0.40 / 0.30 GPM				
MAX. FLOW RATE	0.50 GPM	0.63 GPM	0.85 GPM	1.33 GPM
POSSIBLE FIXTURE TYPES				
<b>Mini™/Mini™-E 6-2</b>   Min. activation 0.77 / 0.48 GPM				
MAX. FLOW RATE	0.81 GPM	1.02 GPM	1.39 GPM	2.16 GPM
POSSIBLE FIXTURE TYPES				Mini-E 6-2 1 or 2 sinks

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.

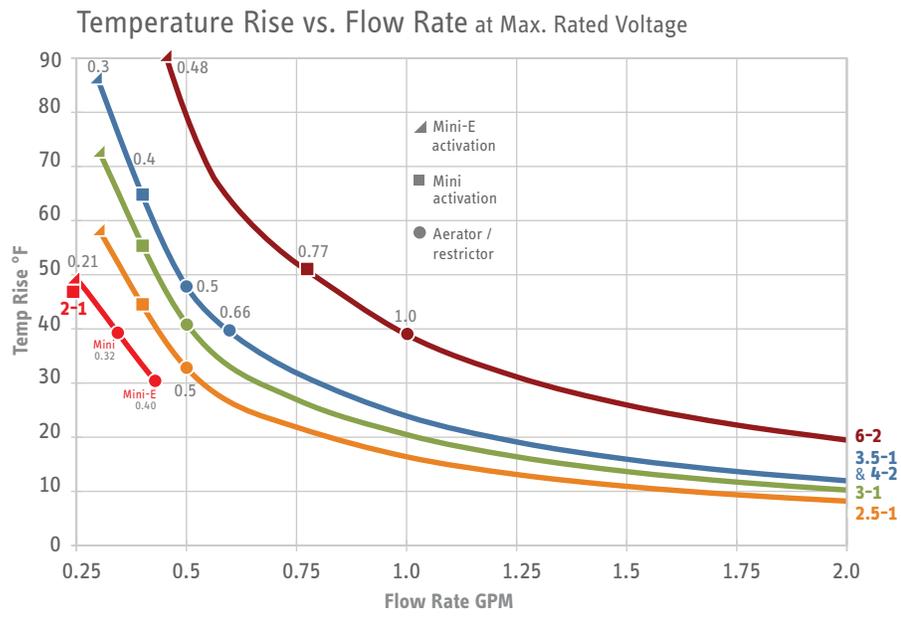
Stiebel Eltron Mini™ tankless electric water heaters are the ideal choice for point-of-use handwashing applications:

### Commercial Industrial Institutional

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

### Residential

- › Bathroom sinks
- › Laundry areas
- › Cabins/cottages



### Technical Data



Certified to ANSI/UL Std. 499  
Mini™: Conforms to CAN/CSA E335-1 & E335-2-35  
Mini™-E: Conforms to CAN/CSA Std. C22.2 No. 64



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



Mechanical models:	Mini™ 2-1 231045	Mini™ 2.5-1 232098	Mini™ 3-1 220816	Mini™ 3.5-1 232099	Mini™ 4-2 222039	Mini™ 6-2 220817
Thermostatic models:	Mini™-E 2-1 236011	Mini™-E 2.5-1 236135	Mini™-E 3-1 236010	Mini™-E 3.5-1 236136	Mini™-E 4-2 236009	Mini™-E 6-2 236008
Phase - 50/60 Hz	1					
Voltage <sup>1</sup>	120 V	120 V	120 V	120 V	240 V or 208 V	240 V or 208 V
Wattage	1.8 kW	2.4 kW	3.0 kW	3.5 kW	3.5 kW   2.6 kW	5.7 kW   4.3 kW
Amperage draw	15 A	20 A	25 A	29 A	15 A   13 A	24 A   21 A
Min. recommended circuit breaker size <sup>2</sup>	15 A (SP)	20 A (SP)	25 A (SP)	30 A (SP)	15 A (DP)	25 A (DP)
Min. recommended wire size <sup>3</sup> (copper)	14/2 AWG	12/2 AWG	10/2 AWG	10/2 AWG	14/2 AWG	10/2 AWG
Min. flow to activate						
Mechanical units	0.21 gpm (0.8 l/min)	0.40 gpm (1.5 l/min)	0.40 gpm (1.5 l/min)	0.40 gpm (1.5 l/min)	0.40 gpm (1.5 l/min)	0.77 gpm (2.9 l/min)
Thermostatic units	0.21 gpm (0.8 l/min)	0.30 gpm (1.15 l/min)	0.30 gpm (1.15 l/min)	0.30 gpm (1.15 l/min)	0.30 gpm (1.15 l/min)	0.48 gpm (1.8 l/min)
Water temp. range	Electronic units are adjustable from 86–122°F (30–50°C)					
Energy Factor (EF) (Mechanical / Thermostatic)	0.98 / 0.97 (UEF)	1.0 / 0.99	0.99 / 0.99	0.99 / 0.99	0.99 / 1.0	0.99 / 1.0
Weight	3.44 lb (1.56 kg)					
Dimensions	Width 7½" (19.0 cm) x Height 6½" (16.5 cm) x Depth 3¼" (8.2 cm)					
Water volume in unit	0.026 gal (0.1 l)					
Minimum pressure	30 psi (2 bar)					
Working pressure	150 psi (10 bar)					
Tested to pressure	300 psi (20 bar)					
Water connections <sup>4</sup>	¾" O.D. flexible braided stainless steel hose connectors					

Mini™ 2-1 is internally restricted to 0.32 gpm (1.2 l/min). Mini™-E 2-1 is internally restricted to 0.40 gpm (1.5 l/min).  
All Mini™ models ship with appropriately sized pressure compensating flow-reducer/aerators that must be installed.

<sup>1</sup> Nominal mains voltage is 110–120V and 220–240V.

<sup>2</sup> 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.

<sup>3</sup> Copper must be used. Conductors should be sized to maintain a voltage drop of less than 3% under load.

<sup>4</sup> Mechanical units suitable for supply with cold water only. Thermostatic units can accept inlet water of 122°F.



7 years leakage  
& 3 years parts.  
Complete warranty  
online.



All units come  
complete with pigtail!

Mounts Up  
or Down!

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