

STIEBEL ELTRON

Simply the Best

Point-of-Use Tankless for Handwashing



Mini Series

POINT-OF-USE

TANKLESS ELECTRIC WATER HEATERS



ISO 9001
CERTIFIED



- › **NEW!** 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

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.



Conforms to ANSI/UL
Std. 499
Certified to CAN/CSA
E335-1 & E335-2-35



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



**All units come
complete
with pigtail!**



NEW!
Mini™-E
THERMOSTATIC

NEW!

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.

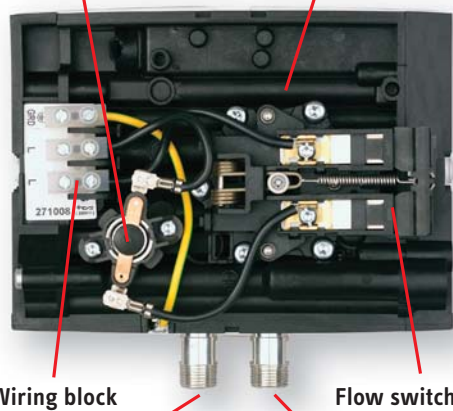
Multiple sink capability

Mini™-E model 6-2 can be plumbed to supply warm water for hand washing to two sinks in warm climates.



Safety pressure cut-out

Advanced Direct Coil Technology™



Wiring block

Hot water connection

Cold water connection

Flow switch

Mini™ Sizing Guide Hand Washing Sink Tankless Electric Water Heater

		MINI™ MODEL					
		Mini™ 2-1 ¹ Mini™ E 2-1 ¹	Mini™ 2.5-1 Mini™ E 2.5-1	Mini™ 3-1 Mini™ E 3-1	Mini™ 3.5-1 Mini™ E 3.5-1	Mini™ 4-2 Mini™ E 4-2	Mini™ 6-2 Mini™ E 6-2 ²
		120 V Min. recommended 15 A circuit breaker	120 V Min. recommended 20A circuit breaker	120 V Min. recommended 25 A circuit breaker	120 V Min. recommended 30 A circuit breaker	240 V Min. recommended 15 A circuit breaker	240 V Min. recommended 25 A circuit breaker
Flow Rate at Sink	Ultra-Low	0.32					
	Standard	0.50					
	Standard	0.66					
	High	1.0					

¹ Mini™ 2-1 is internally restricted to 0.32 GPM. Mini™ E 2-1 is internally restricted to 0.40 GPM.

² Mini™ E 6-2 is capable of supplying 2 sinks in Warm (Southern) Climate and ships with two 0.5 GPM pressure compensating flow reducer/aerators that must be installed. Substitute with a 1.0 GPM pressure compensating flow reducer/aerator if plumbed to 1 sink. Mini™ 2-1, 2.5-1, 3-1 & Mini™ E 2-1, 2.5-1, 3-1 ship with a 0.5 GPM pressure compensating flow reducer/aerator that must be installed. Mini™ 3.5-1, 4-2 & Mini™ E 4-2 ship with a 0.66 GPM pressure compensating flow reducer/aerator that must be installed.

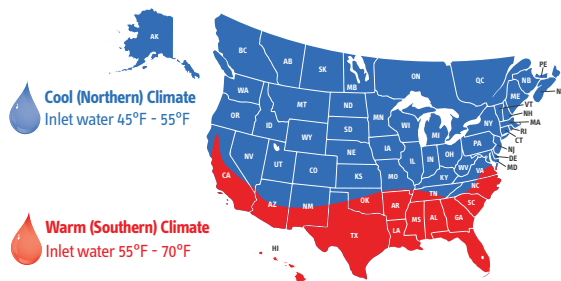
Stiebel Eltron Mini™ tankless electric water heaters are the ideal choice for point-of-use handwashing applications:

Commercial Industrial Institutional

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

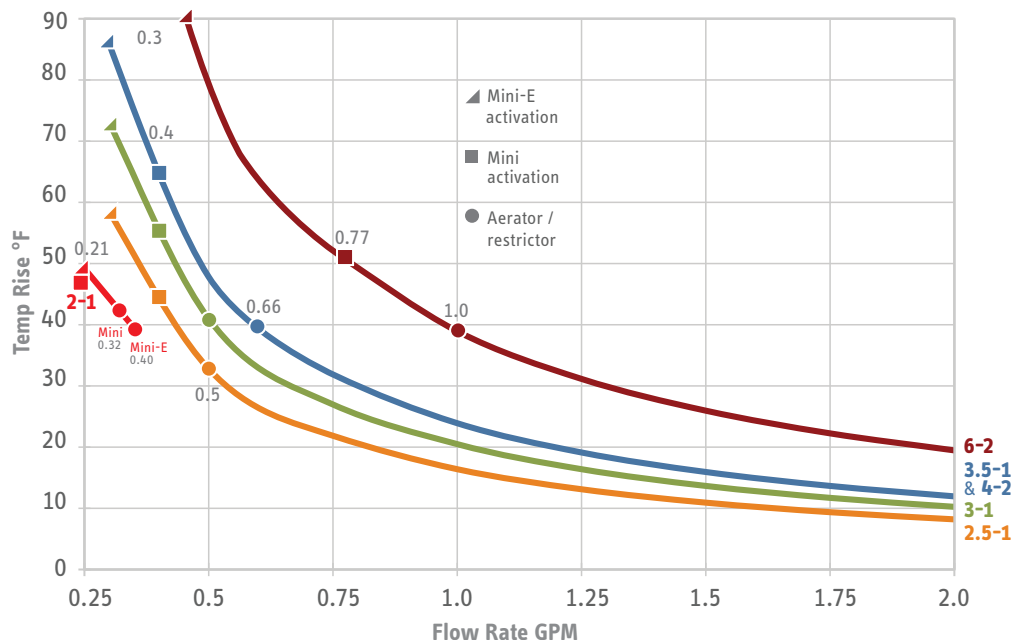
Residential

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



Recommendations for 240 V models are correct if installed with 240 V service. Increase one model size if unit will be installed with 208 V service. Call Stiebel Eltron at 800.582.8423 if you have any sizing questions, or if you have an out-of-the-ordinary situation. Stiebel Eltron service representatives can make recommendations on sizing, or provide assistance with our water heaters, to both homeowners and professional installers.

Temperature Rise vs. Flow Rate at Max. Rated Voltage



Technical Data



Certified to ANSI/UL Std. 499
Conforms to CAN/CSA E335-1 & E335-2-35



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	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	14.6 A 12.7 A	23.8 A 20.6 A
Min. recommended circuit breaker size ¹	15 A (SP)	20 A (SP)	25 A (SP)	30 A (SP)	15 A (DP)	25 A (DP)
Min. recommended wire size ² (copper)	14 AWG	12 AWG	10 AWG	10 AWG	14 AWG	10 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	0.30 GPM 1.15 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 (H x W x D)	6½" / 165 mm x 7½" / 190 mm x 3¼" / 82 mm					
Water volume in unit	0.026 gal / 0.1 l					
Working pressure	150 psi / 10 BAR					
Tested to pressure	300 psi / 20 BAR					
Water connections ³	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.

Mini™ 2-1, 2.5-1, 3-1 & Mini™-E 2-1, 3-1 ship with a 0.5 GPM pressure compensating flow-reducer/aerator that must be installed.

Mini™ 3.5-1, 4-2 & Mini™-E 4-2 ship with a 0.66 GPM pressure compensating flow-reducer/aerator that must be installed.

Mini™ 6-2 ships with a 1.0 GPM pressure compensating flow-reducer/aerator that must be installed.

Mini™-E 6-2 ships with two 0.5 GPM pressure compensating flow-reducer/aerators that must be installed. Substitute 1.0 GPM pressure compensating flow-reducer/aerator if plumbed to 1 sink.

¹ 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.

² Copper must be used. Conductors should be sized to maintain a voltage drop of less than 3% under load.

³ 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!

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