

**STIEBEL ELTRON**

Simply the Best

SMALL, EFFICIENT AND RELIABLE



MADE IN  
THE USA



# Mini™ Series

POINT-OF-USE  
TANKLESS ELECTRIC WATER HEATERS

- › PROVEN RELIABILITY
- › EXCLUSIVE DESIGN PREVENTS DRY FIRING
- › COMPACT DESIGN SAVES SPACE
- › MAJOR ENERGY SAVINGS
- › UNLIMITED SUPPLY OF HOT WATER



ISO 9001  
CERTIFIED



800.582.8423

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

# For all point-of-use water heating applications!

STIEBEL ELTRON Mini™ tankless electric water heaters are the ideal choice for all point-of-use applications in the following settings:

## Commercial › Industrial › Institutional

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

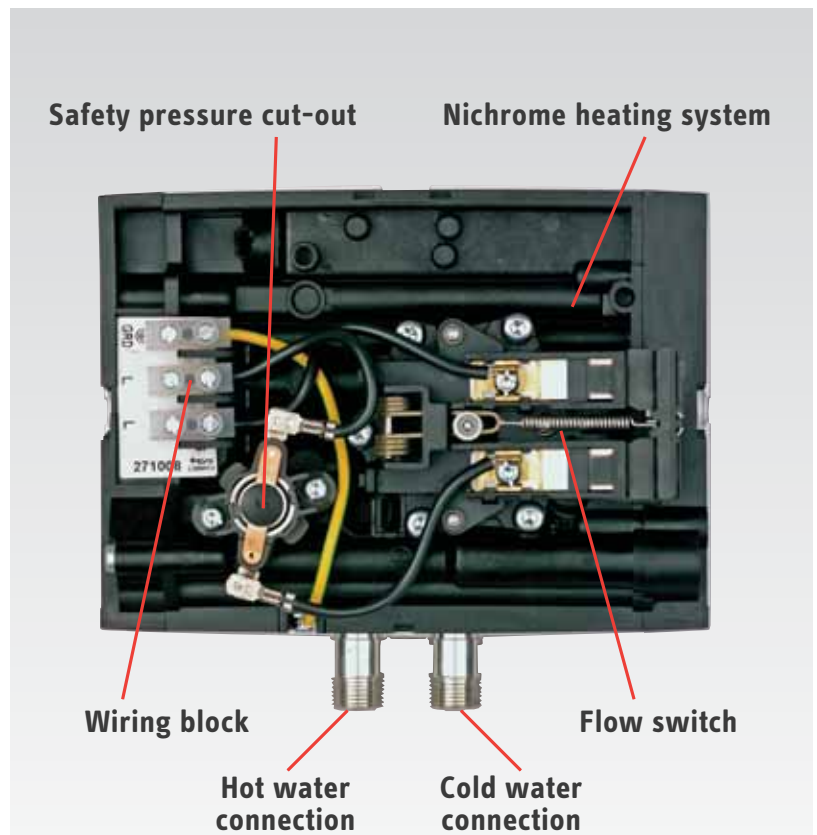
## Residential

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

The Stiebel Eltron Mini™ tankless water heaters are designed for installation at the point-of-use. The Mini™ heats water instantaneously as it flows through the unit. Stand-by heat-losses are completely eliminated.

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 ensure that every Mini™ is of the highest quality and designed for many years of trouble-free service. Nobody can compare with our exceptional reliability record and customer support services!

All models ship with a pressure compensating flow-reducer/aerator that fits most faucets and must be installed. The Mini™ 2-1, 2.5-1, and 3-1 models ship with a 0.5 GPM aerator. The Mini™ 3.5-1 and 4-2 models ship with a 0.66 GPM aerator. The Mini™ 6-2 model ships with a 1.0 GPM aerator. No pressure relief valve, drains, or circulating pumps are needed.



**Engineer's Specifications:** The tankless electric water heater shall be equipped with a bare wire nichrome type heating element housed in fiberglass reinforced high temperature plastic containment. The housing of the unit shall be made of high impact polycarbonate plastic. The flow switch that operates the heating element shall be of the mechanical pressure differential type. The unit shall be equipped with a safety high-limit switch with manual reset. The water connections shall be designed for standard 3/8" O.D. flexible braided stainless steel hose type connectors. The unit shall be mounted with water connections facing either top or bottom only. The units shall ship with a AWG #12 wire harness with a length of 2 ft.





**Mini™ Sizing Guide** Single Hand Washing Sink Tankless Electric Water Heater

Flow	GPM	MINI™ MODEL					
		Mini™ 2-1* 120 V Requires 20 A circuit breaker	Mini™ 2.5-1 120 V Requires 30 A circuit breaker	Mini™ 3-1 120 V Requires 30 A circuit breaker	Mini™ 3.5-1 120 V Requires 40 A circuit breaker	Mini™ 4-2 240 V Requires 20 A circuit breaker	Mini™ 6-2 240 V Requires 30 A circuit breaker
Ultra-Low	0.32	●●					
Standard	0.50		●●	●●			
Standard	0.66				●●	●●	
High	1.0						●●

\*Mini™ 2-1 is internally restricted to 0.32 GPM.

Mini™ 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 ship with a 0.66 GPM pressure compensating flow reducer/aerator that must be installed.

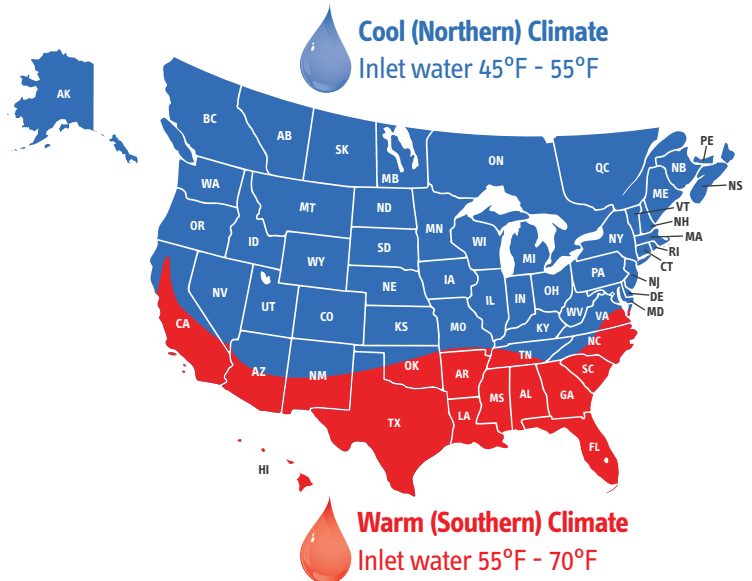
Mini™ 6-2 ships with a 1.0 GPM pressure compensating flow reducer/aerator that must be installed.

These recommendations are for 240 V units installed at that voltage.

Increase one model size if unit will be installed with 208 V service.



Stiebel Eltron's main plant in Holzminden, Germany



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



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



The Mini™ series is tested  
and certified by WQA  
against NSF/ANSI 372 for  
lead free compliance.

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# Mini™ Series Tankless Electric Water Heaters

## Technical Data



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



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against NSF/ANSI 372 for lead free compliance.

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Mini™ Model	Mini™ 2-1	Mini™ 2.5-1	Mini™ 3-1	Mini™ 3.5-1	Mini™ 4-2	Mini™ 6-2
Item Number	231045	232098	220816	232099	222039	220817
Phase - 60/50 Hz	single	single	single	single	single	single
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 (see below for recommended breaker size)	15 A	20 A	25 A	29 A	14.6 A   12.7 A	23.8 A   20.6 A
Required circuit breaker size <sup>1</sup>	20 A	30 A	30 A	40 A	20 A	30 A
Required wire size <sup>2</sup>	12 AWG	10 AWG	10 AWG	10 AWG	12 AWG	10 AWG
Minimum water flow to activate unit	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
Degree of protection according to IEC 529	IP 24					
Weight	3.44 lbs / 1.56 kg					
Dimensions (Height/Width/Depth)	6 1/2" (16.5 cm) / 7 1/2" (19.0 cm) / 3 1/4" (8.2 cm)					
Working Pressure	150 psi / 10 bar					
Tested to Pressure	300 psi / 20 bar					
Volume of water in unit	0.026 gal. / 0.1 l					
Water connections <sup>3</sup>	for 3/8" O.D. flexible braided stainless steel hose connectors					

Mini™ 2-1 models are internally restricted to 0.32 GPM.

Mini™ 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 ship with a 0.66 GPM pressure compensating flow-reducer/aerator that must be installed.

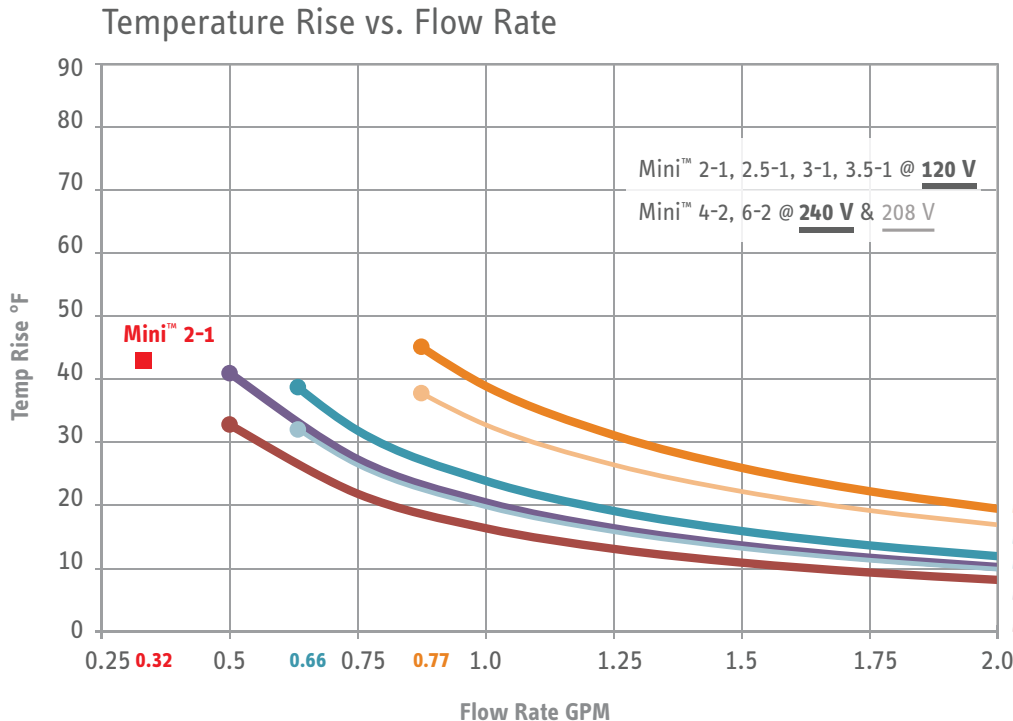
Mini™ 6-2 model ships with a 1.0 GPM pressure compensating flow-reducer/aerator that must be installed.

<sup>1</sup> This is our recommendation as the manufacturer. Check local codes for compliance if necessary. Tankless water heaters are considered a non-continuous load.

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

<sup>3</sup> For use with cold water supply only

Super-compact dimensions!



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

Distributed by:

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