

STIEBEL ELTRON
Simply the Best

SMALL, EFFICIENT, RELIABLE !



Mini™ Series

POINT-OF-USE

TANKLESS ELECTRIC WATER HEATERS

- UNLIMITED SUPPLY OF HOT WATER
- COMPACT DESIGN SAVES SPACE
- MAJOR ENERGY SAVINGS
- PROVEN RELIABILITY



TOLL FREE **800.582.8423**

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

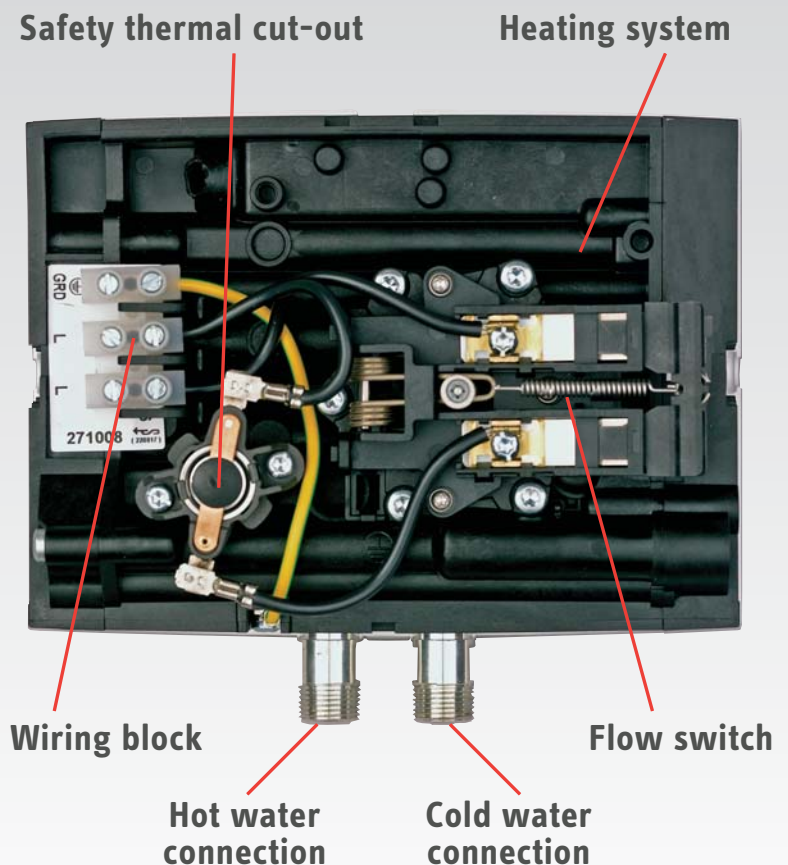
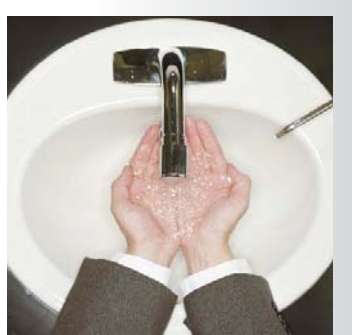
- Bathroom sinks
- Kitchen sinks
- Laundry areas
- Cabins/cottages

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 !

The Mini™ 3, and Mini™ 4 models ship with a 0.5 GPM pressure compensating flow reducer/ aerator that fits most faucets. Flow controls and faucet aerators are highly recommended in conjunction with tankless water heaters. No pressure relief valve*, drains, or circulating pumps needed.

*Except in Massachusetts



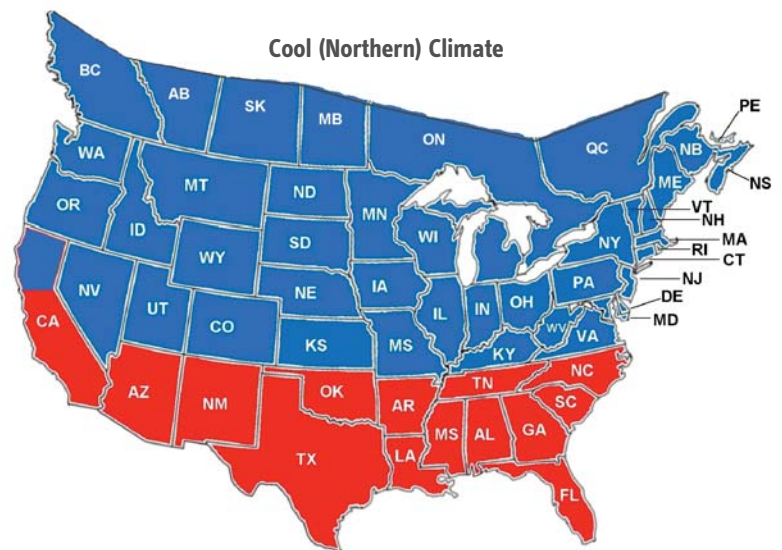
Engineer's Specifications: The tankless electric water heater shall be equipped with a bare wire nichrome type heating element housed in fiberglass reinforced high temperature plastic containment. The housing of the unit shall be made of high impact polycarbonate plastic. The flow switch that operates 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 9/16"-24 flexible hose type connectors. The units shall ship with a AWG #12 wire harness with a length of 2 ft.



Tankless Electric Water Heater Sizing Guide

Sinks	Flow	GPM	Mini 3	Mini 4	Mini 6
	Low	0.50			
	Low	0.50			
	Low-Med	0.75			
	Low-Med	0.75			
	Med	1.00			

Stiebel Eltron's plant in Holzminden, Germany



Warm (Southern) Climate

MINI™ SERIES TANKLESS ELECTRIC WATER HEATERS

Technical Data



ISO 9001
CERTIFIED

STIEBEL ELTRON

Mini™ Model		Mini™ 3	Mini™ 4		Mini™ 6	
Item Number		220816	222039		220817	
Phase		1	1	1	1	1
Voltage	V	110 - 120	208	220 - 240	208	220 - 240
Wattage	kW	3.0	2.9	3.5	4.7	5.7
Amperage	A	25	13.8	15.2	22.4	24.7
Min. required circuit breaker size	A	30	20	20	30	30
Recommended wire size	AWG copper	10	12	12	10	10
Min. water flow to activate unit	GPM / Lmin	0.5 / 1.9	0.5 / 1.9		0.85 / 3.2	
Degree of protection according to IEC 529			IP 24			
Min. water resistivity		2795 Ω x in 1100 Ω x cm				
Weight	lbs / KG	3.44 / 1.56				
Dimensions (Height/Width/Depth)	in / (cm)	6.5 (16.5) / 7.5 (19.0) / 3.25 (8.2)				
Working Pressure	Psi / bar	150 / 10				
Tested to Pressure	Psi / bar	300 / 20				
Volume of water in unit	Gal / L	0.026 / 0.1				
Water connections		for 3/8" O.D. flex connector				

* Suitable for supply with cold water * Tankless water heaters are considered a non-continuous load * Conductors should be sized to maintain a voltage drop of less than 3% under load

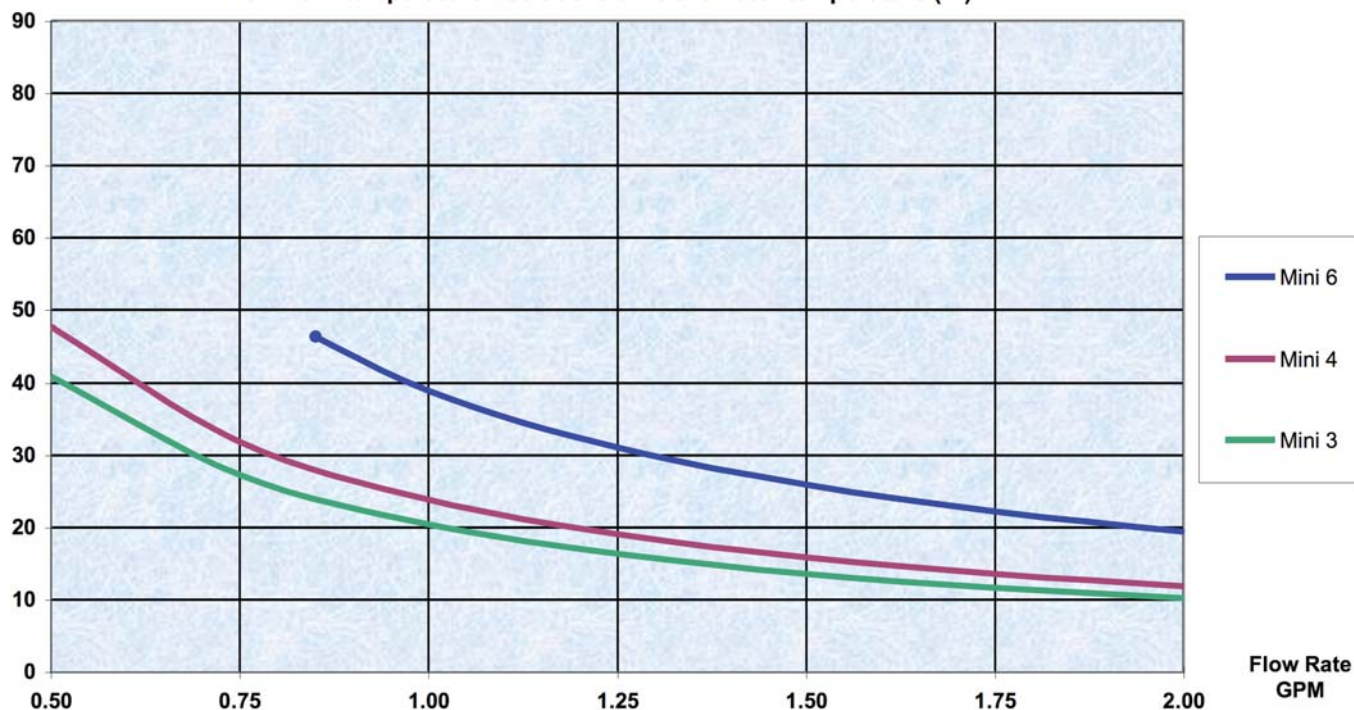
Super-compact dimensions !



Temp
Rise
°F

Temperature Rise °F @ 240 V versus Flow Rate GPM

Maximum temperature rise above ambient water temperature (°F)



Limited Warranty (Excerpt): STIEBEL ELTRON, Inc. warrants to the original owner that the Mini™ Series Water Heater will be free from defects in workmanship and materials for a period of THREE YEARS from the date of purchase. Should any part(s) prove to be defective during this period, STIEBEL ELTRON, Inc. will be responsible for replacement of the defective part(s) only. STIEBEL ELTRON, Inc. is not responsible for labor charges.

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