

Mini™ Technical Specifications

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.



Model ¹	Mini™ 2-1	Mini™ 2.5-1	Mini™ 3-1	Mini™ 3.5-1	Mini™ 4-2	Mini™ 6-2
Item No.	231045	232098	220816	232099	222039	220817
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 size¹	15 A (SP)	20 A (SP)	25 A (SP)	30 A (SP)	15 A (DP)	25 A (DP)
Min. recommended wire size² (copper)	14 AWG	12 AWG	10 AWG	10 AWG	14 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
Weight	3.44 lb / 1.56 kg					
Dimensions (H x W x D)	6 1/2" / 165 mm x 7 1/2" / 190 mm x 3 1/4" / 82 mm					
Volume of water in unit	0.026 gal / 0.1 l					
Working pressure	150 psi / 10 BAR					
Tested to pressure	300 psi / 20 BAR					
Water connections³	for 3/8" O.D. flexible braided stainless steel hose connectors					

Mini™ 2-1 models are internally restricted to 0.32 GPM / 1.2 l/min.

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.

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.

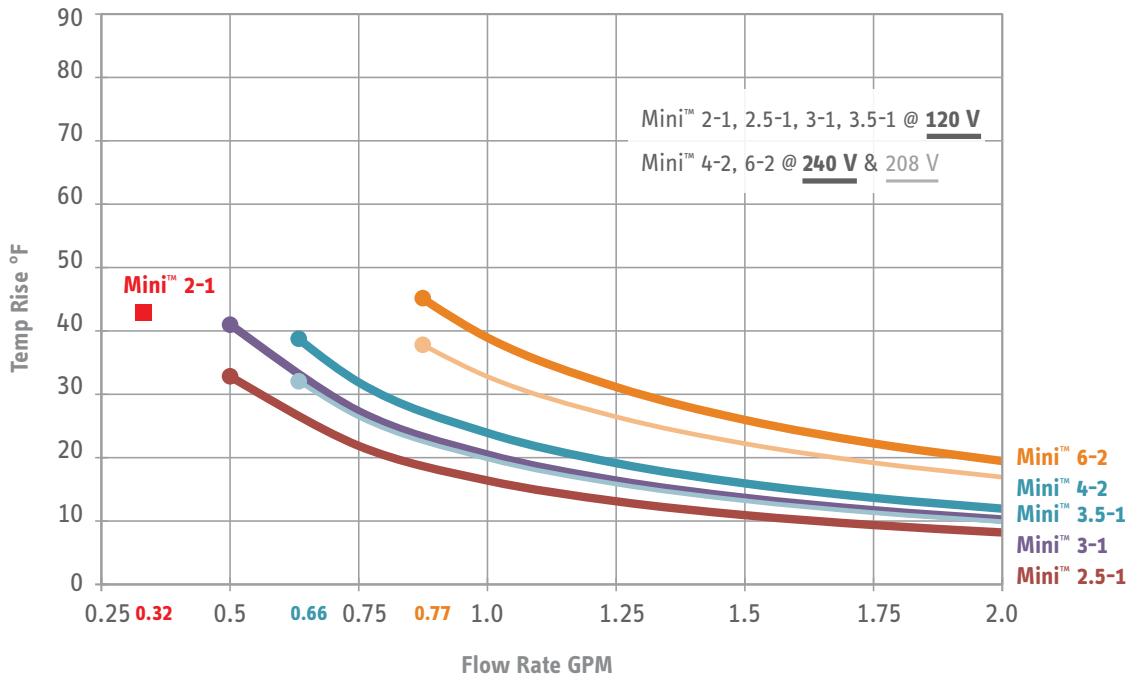
² Copper must be used. Conductors should be sized to maintain a voltage drop of less than 3% under load.

³ Suitable for supply with cold water only.

Scroll for temp. rise charts. ↓

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Temperature Rise vs. Flow Rate



Temperature Rise vs. Flow Rate @ 208 V

