

## Mini™ & Mini-E™

### Technical specifications

MECHANICAL MODELS › Item no.	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 › Item no.	Mini™-E 2-1 236011	Mini™-E 2.5-1 236135	Mini™-E 3-1 236010	Mini™-E 3-3 206427	Mini™-E 3.5-1 236136	Mini™-E 4-2 236009	Mini™-E 4-3 206428	Mini™-E 6-2 236008	Mini™-E 6-3 206429
<b>Phase</b> - 50/60 Hz	1								
<b>Voltage</b> <sup>1</sup>	120 V	120 V	120 V	277 V	120 V	240 V or 208 V	277 V	240 V or 208 V	277 V
<b>Wattage</b>	1.8 kW	2.4 kW	3.0 kW	3.0 kW	3.5 kW	3.5 kW 2.6 kW	4.1 kW	5.7 kW 4.3 kW	5.5 kW
<b>Amperage draw</b>	15 A	20 A	25 A	11 A	29 A	15 A 13 A	15 A	24 A 21 A	20 A
<b>Min. recommended circuit breaker size</b> <sup>2</sup>	15 A (SP)	20 A (SP)	25 A (SP)	15 A (SP)	30 A (SP)	15 A (DP)	15 A (SP)	25 A (DP)	20 A (SP)
<b>Min. recommended wire size</b> <sup>3</sup> (copper)	14/2 AWG	12/2 AWG	10/2 AWG	14/2 AWG	10/2 AWG	14/2 AWG	14/2 AWG	10/2 AWG	12/2 AWG
<b>Min. flow to activate</b>									
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	0.30 GPM 1.15 l/min	0.48 GPM 1.8 l/min	0.30 GPM 1.15 l/min
<b>Water temp. range</b>	Electronic units are adjustable from 86-122°F / 30-50°C								
<b>Energy Factor (EF)</b> (Mechanical / Thermostatic)	0.98 / 0.97 (UEF)	1.0 / 0.99	0.99 / 0.99	1.0	0.99 / 0.99	0.99 / 1.0	1.0	0.99 / 1.0	1.0
<b>Dimensions &amp; Weight</b>	H 6½" / 165 mm x W 7½" / 190 mm x D 3¼" / 82 mm   3.44 lb / 1.56 kg								
<b>Water volume in unit</b>	0.026 gal / 0.1 l								
<b>Working pressure</b>	150 psi / 10 BAR								
<b>Tested to pressure</b>	300 psi / 20 BAR								
<b>Water connections</b> <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.

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, plus an additional 1.0 GPM pressure compensating flow-reducer/aerator for use if plumbed to 1 sink.

<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.



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/CAN 372  
for lead free compliance.

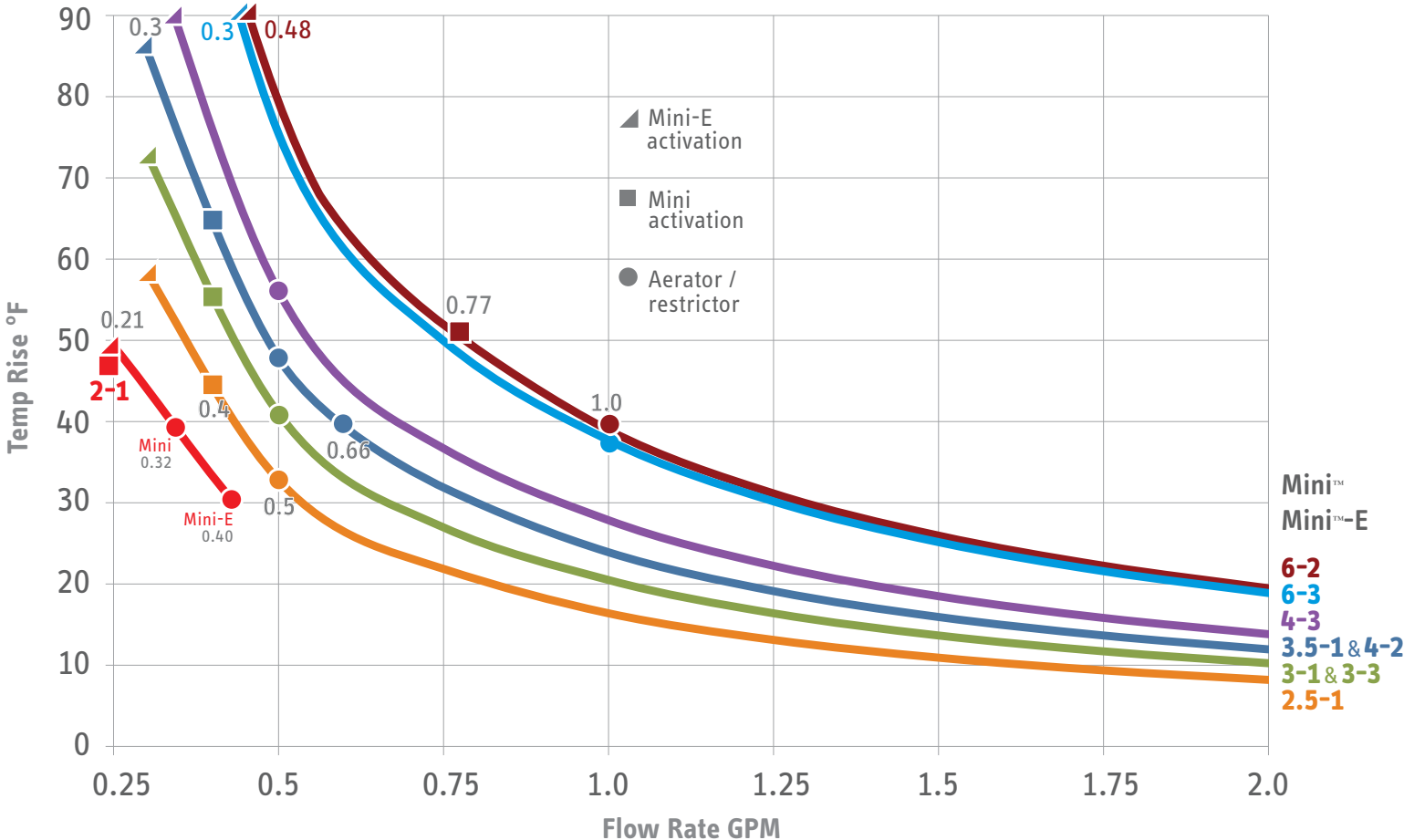


Scroll for temp. rise charts. ↓

**Mini™ & Mini-E™**

Temperature rise vs. flow rate curves

Temperature Rise vs. Flow Rate at Max Rated Voltage



rev. 2/2024 | Due to our continuous process of engineering and technological advancement, specifications may change without notice.