

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		
Phase - 50/60 Hz	1										
Voltage ¹	120 V	120 V	120 V	277 V	120 V	240 V or 208 V	277 V	240 V or 208 V	277 V		
Wattage	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		
Amperage draw	15 A	20 A	25 A	11 A	29 A	15 A 13 A	15 A	24 A 21 A	20 A		
Min. recommended circuit breaker size ²	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)		
Min. recommended wire size ³ (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		
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	0.30 GPM 1.15 l/min	0.48 GPM 1.8 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	1.0	0.99 / 0.99	0.99 / 1.0	1.0	0.99 / 1.0	1.0		
Dimensions & Weight	H 6½" / 165 mm x W 7½" / 190 mm x D 3¼" / 82 mm 3.44 lb / 1.56 kg										
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 ⁴	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.


¹ Nominal mains voltage is 110-120V and 220-240V.

² 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.

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

⁴ Mechanical units suitable for supply with cold water only. Thermostatic units can accept inlet water of 122°F.

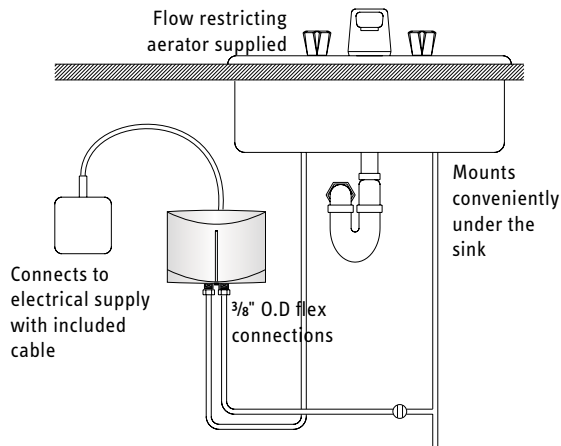
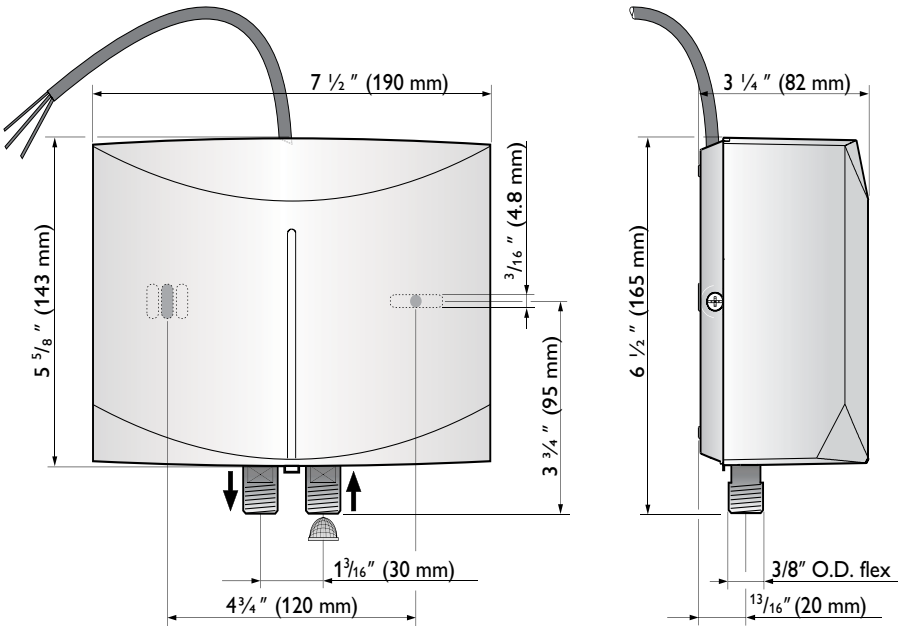
 Certified to ANSI/UL Std. 499
Mini™: Conforms to CAN/CSA E335-1 & E335-2-35
Mini™-E: Conforms to CAN/CSA Std. C22.2 No. 64

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

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Unit	Heating Capacity	Temp. rise above incoming water temp. (°F) (GPM = kW x 6.83 / Δt)								Temp. rise above incoming water temp. (°C)																										
		GPM		0.42		0.48		0.53		0.69		0.85		1.06		1.14		l/min		1.2		1.6		1.8		2.0		2.6		3.2		4.0		4.3		
Mini-E 2-1*	1.8 kW @ 110-120 V	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mini-E 2.5-1	2.4 kW @ 110-120 V	51	39	34	30	24	19	15	14	28	22	19	17	13	11	8	8																			
Mini-E 3-1	3.0 kW @ 110-120 V	64	49	43	38	30	24	19	18	36	27	24	21	17	13	11	10																			
Mini-E 3-3	3.0 kW @ 277 V	64	49	43	38	30	24	19	18	36	27	24	21	17	13	11	10																			
Mini-E 3.5-1	3.5 kW @ 110-120 V	75	57	50	45	35	28	22	21	42	32	28	25	19	16	12	12																			
Mini-E 4-2	2.6 kW @ 208 V	55	42	37	33	25	20	16	15	31	23	21	18	14	11	9	8																			
	3.5 kW @ 220-240 V	75	57	50	45	35	28	22	21	42	32	28	25	19	16	12	12																			
Mini-E 4-3	4.1 kW @ 277 V	87	67	58	53	41	33	26	25	48	37	32	29	23	18	14	14																			
Mini-E 6-2	4.3 kW @ 208 V	-	-	61	55	42	34	27	25	-	-	34	31	23	19	15	14																			
	5.7 kW @ 220-240 V	-	-	81	73	56	45	36	34	-	-	45	41	31	25	20	19																			
Mini-E 6-3	5.5 kW @ 277 V	117	89	78	71	54	44	35	33	65	49	43	39	30	24	19	18																			

Dimensions



- Suitable for warm water hand washing at a single sink
- Mini™ models suitable for inlet cold water supply only.
- Mini™-E models suitable for supply inlet max. 122 °F.



Intertek

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Mini™:

Conforms to CAN/CSA E335-1 & E335-2-35

Mini™-E:

Conforms to CAN/CSA Std. C22.2 No. 64



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