

DHC-E Classic

Technical specifications

Model	Item Number	DHC-E 8/10-2 Classic*	203671	DHC-E 12-2 Classic	203672
Phase		single 50/60 Hz		single 50/60 Hz	
Voltage		240 V or 208 V		240 V or 208 V	
Wattage		7.2/9.6 kW	5.4/7.2 kW	12 kW	9 kW
Amperage		30/40 A	26/35 A	50 A	44 A
Min. recommended circuit breaker ¹ (DP)		30/40 A	30/35 A	50 A	50 A
Min. recommended wire size ² (copper)		10/2 / 8/2 AWG		8/2 AWG	
Uniform Energy Factor (UEF)		0.97 / 0.94		0.94	
UEF recovery efficiency		98% / 92%		95%	
Maximum temperature increase above ambient water temp.	@ 0.75 gpm (2.8 l/min)	66/87	49/66	92	82
	@ 1.00 gpm (3.8 l/min)	49/66	37/49	82	61
	@ 1.50 gpm (5.7 l/min)	33/44	25/33	54	41
	@ 2.25 gpm (8.5 l/min)	-	-	36	27
	@ 3.00 gpm (11.3 l/min)	-	-	27	20
Min. water flow to activate unit		0.264 gpm (1.0 l/min)			
Max. inlet water temperature		131 °F (55 °C)			
Weight		5.9 lb (2.7 kg)			
Nominal water volume		0.13 gal (0.5 l)			
Dimensions		W 7 ¹ / ₈ " (20.0 cm) x H 14 ³ / ₁₆ " (36.0 cm) x D 4 ¹ / ₈ " (11.0 cm)			
Working pressure		150 psi (10 bar)			
Tested to pressure		300 psi (20 bar)			
Water connections		1/2" NPT			

*DHC-E 8/10 Classic is a single unit switchable at installation via jumper for output at 7.2 kW (Stage 1) or 9.6 kW (Stage 2).

¹ Overcurrent protection sized at 100% of load. Tankless water heaters are considered a non-continuous load.

² Copper conductors with a temperature rating of 75 °C or greater must be used. Conductors should be sized to maintain a voltage drop of less than 3% under load.

These are our recommendations. Check local codes for compliance if necessary.



Conforms to UL Std. 499
Certified to CAN/CSA Std. C22.2 No. 64



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



Scroll for temp. rise charts. ↓

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Temperature rise vs. flow rate curves

