

DHC Classic

Technical specifications

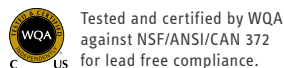
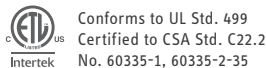
Model	DHC 3-1 Classic	DHC 3-2 Classic	DHC 4-2 Classic	DHC 4-3 Classic	DHC 5-2 Classic	DHC 6-2 Classic	DHC 6-3 Classic	DHC 8-2 Classic	DHC 9-3 Classic	DHC 10-2 Classic
Item no.	202646	202647	202648	202649	202650	202651	202652	202653	202654	202655
Phase - 50/60 Hz	1									
Voltage	120 V	240 V	208 V	240 V	208 V	277 V	240 V	208 V	240 V	208 V
Wattage	3.0 kW	3.3 kW	2.5 kW	3.8 kW	2.9 kW	4.5 kW	4.8 kW	3.6 kW	6.0 kW	4.5 kW
Amperage	25 A	14 A	12 A	16 A	14 A	17 A	20 A	18 A	25 A	22 A
Min. recommended circuit breaker size ¹	25 A	15 A	15 A	20 A	15 A	20 A	20 A	20 A	25 A	25 A
Min. recommended wire size ²	10/2 AWG	14/2 AWG	12/2 AWG	14/2 AWG	12/2 AWG	12/2 AWG	10/2 AWG	10/2 AWG	10/2 AWG	8/2 AWG
Minimum water flow to activate unit	0.32 gpm (1.2 l/min)	0.32 gpm (1.2 l/min)	0.43 gpm (1.6 l/min)	0.43 gpm (1.6 l/min)	0.43 gpm (1.6 l/min)	0.43 gpm (1.6 l/min)	0.48 gpm (1.8 l/min)	0.48 gpm (1.6 l/min)	0.69 gpm (2.6 l/min)	0.8 gpm (3.0 l/min)
Weight	5.5 lb (2.5 kg)	4.6 lb (2.1 kg)	4.6 lb (2.1 kg)	4.6 lb (2.1 kg)	4.6 lb (2.1 kg)	5.5 lb (2.5 kg)	5.5 lb (2.5 kg)	5.5 lb (2.5 kg)	5.5 lb (2.5 kg)	5.5 lb (2.5 kg)
Dimensions	Width 7 ¹⁵ / ₁₆ " (20.2 cm) X Height 14 ³ / ₁₆ " (36.0 cm) X Depth 3 ⁷ / ₈ " (9.8 cm)									
Nominal water volume	0.13 gal (0.5 l)									
Maximum permissible inlet temperature	86°F (30°C)									
Minimum pressure	30 psi (2 bar)									
Working pressure	150 psi (10 bar)									
Tested to pressure	300 psi (20 bar)									
Water connections ³	1/2" NPT									
Uniform Energy Factor (UEF)	0.94	0.97	0.96	0.95	0.97	0.97	0.97	0.96	0.96	0.97
Recovery efficiency	98%	98%	97%	98%	98%	98%	98%	98%	97%	92%

DHC 3-1, 3-2, 4-2 Classic ship with a 0.5 gpm (1.9 l/min) pressure compensating flow-reducer/aerator that must be installed.

¹ This is our recommendation for overcurrent protection sized at 100% of load (DP for 240/208/277 V & SP for 120 V models). 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 curves

