

DHC 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	DHC 3-1	DHC 3-2	DHC 4-2	DHC 4-3	DHC 5-2	DHC 6-2	DHC 8-2	DHC 9-3	DHC 10-2	
Item no.	074050	074052	074053	074051	074054	074424	074055	232204	074056	
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	240 V 208 V	277 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	7.2 kW 5.4 kW	9.0 kW	9.6 kW 7.2 kW	
Amperage	25 A	14 A 12 A	16 A 14 A	17 A	20 A 18 A	25 A 22 A	30 A 26 A	32.5 A	40 A 35 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	30 A 30 A	35 A	40 A 35 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	8/2 AWG	8/2 AWG	
Minimum water flow to activate unit	0.32 gpm (1.2 l/min)	0.32 gpm (1.2 l/min)	0.42 gpm (1.6 l/min)	0.42 gpm (1.6 l/min)	0.42 gpm (1.6 l/min)	0.47 gpm (1.8 l/min)	0.69 gpm (2.6 l/min)	0.79 gpm (3.0 l/min)	0.79 gpm (3.0 l/min)	
Weight	4.6 lb (2.1 kg)	5.3 lb (2.4 kg)	5.3 lb (2.4 kg)	4.6 lb (2.1 kg)	4.6 lb (2.1 kg)	4.6 lb (2.1 kg)	5.3 lb (2.4 kg)	5.3 lb (2.4 kg)	5.3 lb (2.4 kg)	
Dimensions	Width 7 ⁷ / ₈ " (20.0 cm) X Height 14 ³ / ₁₆ " (36.0 cm) X Depth 4 ¹ / ₈ " (10.4 cm)									
Nominal water volume	0.13 gal (0.5 l)									
Working pressure	150 psi (10 bar)									
Tested to pressure	300 psi (20 bar)									
Water connections ³	1/2" NPT									

DHC 3-1, 3-2, 4-2 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.

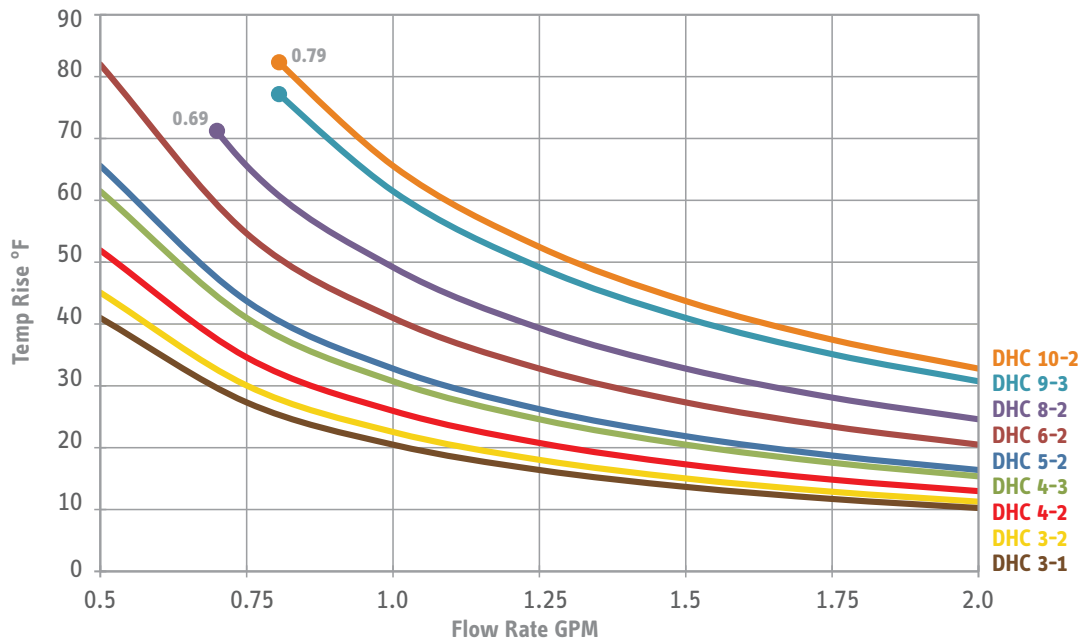
² Copper must be used. Conductors should be sized to maintain a voltage drop of less than 3% under load.

³ Suitable for supply with cold water only.

Scroll for temp. rise charts. ↓

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Temperature Rise vs. Flow Rate at Maximum Rated Voltage



Temperature Rise vs. Flow Rate at 208 V

