

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 AWG	14 AWG	14 AWG	12 AWG	14 AWG	12 AWG	12 AWG	12 AWG	10 AWG	10 AWG	10 AWG	10 AWG	8 AWG	8 AWG 8 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 (H x W x D)	14 ³ / ₁₆ " / 36.0 cm x 7 ⁷ / ₈ " / 20.0 cm x 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 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.

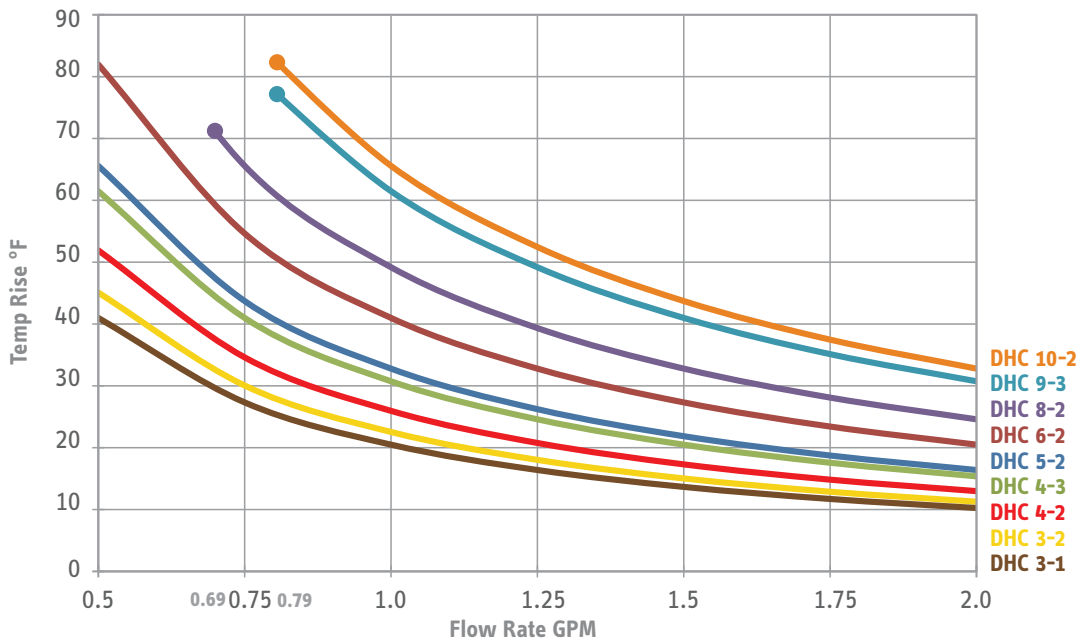
² Copper must be used. Conductors should be sized to maintain a voltage drop of less than 3% under load.

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

