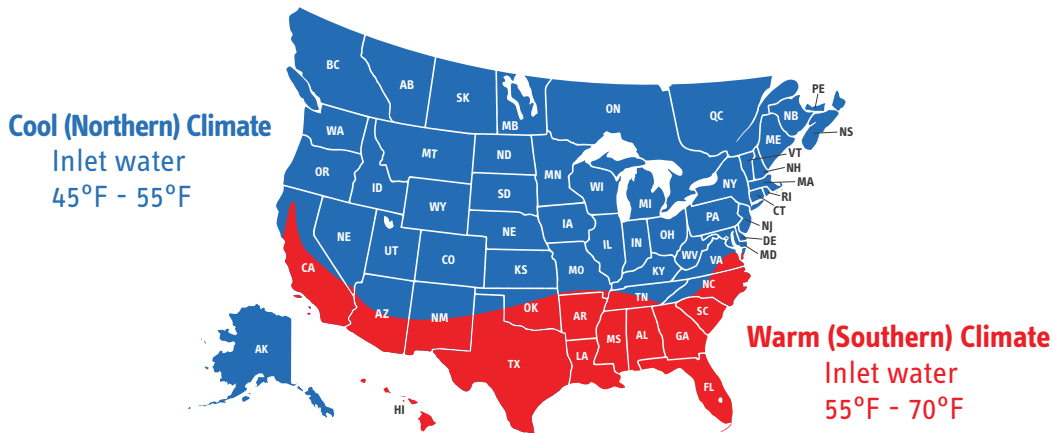


DHC Sizing Guide and Technical Data

DHC Tankless Electric Water Heater Sizing Guide

		DHC MODEL								
Flow GPM		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
LAVATORY SINK	Std. 0.5	Red	Red	Red						
	Std. 0.5	Blue	Blue	Blue						
	High 1.0				Red	Red	Red			
	High 1.0				Blue	Blue	Blue	Blue		
	Non-code 2.0							Red	Red	Red
	2.0								Blue	Blue
KITCHEN SINK	Low 1.0						Red			
	Low 1.0						Blue			
	Std. 2.0							Red	Red	
	Std. 2.0							Blue	Blue	
Utility / Janitor's Sink	1.0 - 2.0							Red	Red	
	1.0 - 2.0							Blue	Blue	



These recommendations are for units installed with 240 V service. Increase one model size if unit will be installed with 208 V service.

Call Stiebel Eltron at 800.582.8423 if you have any sizing questions, or if you have high flow showers, or another out-of-the-ordinary situation. Stiebel Eltron service representatives can make recommendations on sizing, or provide assistance with our water heaters, to both homeowners and professional installers.

DHC Sizing Guide and Technical Data

Technical Data



The DHC series is tested and certified by WQA against NSF/ANSI 372 for lead free compliance.



Model ¹	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		231546		074424		232204		074056	
Phase - 60/50 Hz	1																
Voltage	120 V	208 V	240 V	208 V	240 V	277 V		208 V	240 V	208 V	240 V	208 V	240 V	277 V		208 V	240 V
Wattage	3.0 kW	2.5 kW	3.3 kW	2.9 kW	3.8 kW	4.5 kW		3.6 kW	4.8 kW	4.5 kW	6.0 kW	5.4 kW	7.2 kW	9.6 kW		7.2 kW	9.6 kW
Amperage	25 A	12 A	14 A	14 A	16 A	17 A		18 A	20 A	22 A	25 A	26 A	30 A	32.5 A		35 A	40 A
Min. required circuit breaker size ²	30 A	15 A	20 A	20 A	20 A	20 A		30 A	30 A	30 A	30 A	40 A	40 A	40 A		40 A	50 A
Recommended wire size ³	10 AWG	14 AWG	12 AWG	12 AWG	12 AWG	12 AWG		10 AWG	10 AWG	10 AWG	10 AWG	8 AWG	8 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 " / 360 mm x 7 ¹ / ₈ " / 200 mm x 4 ¹ / ₈ " / 104 mm																
Nominal water volume	0.13 gal / 0.5 l																
Working pressure	150 psi / 10 BAR																
Tested to pressure	300 psi / 20 BAR																
Water connections	1/2" NPT																

¹ Suitable for supply with cold water only.

² This is our recommendation as the manufacturer. 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.

