

DHC Classic Electric Tankless Water Heaters

› Compact point-of-use model for sinks

Features

- › Unlimited supply of hot water
- › High limit switch with manual reset
- › Easy installation 1/2" NPT connections
- › Engineered in Germany to be the best
- › Exclusive design prevents dry firing
- › No T & P relief valve needed (Check local code)
- › 7-year leakage/3-year parts warranty
- › Copper sheathed heating element housed in copper cylinder
- › On-demand, continuous hot water
- › No standby heat loss with tankless design
- › 99% efficiency
- › Flow switch activated for virtually silent operation
- › Mounts on wall at point-of-use
- › Cold water only line needed to be run to lavatory
- › Compact European design allow mounting in cabinet
- › Compatible with sensor actuated or metered faucets
- › Tankless design prevents Legionella bacteria growth



Models (Cold water supply only, max. 86°F inlet)

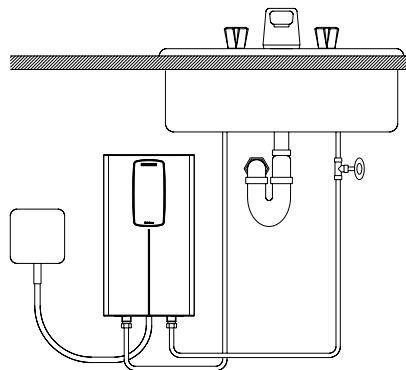
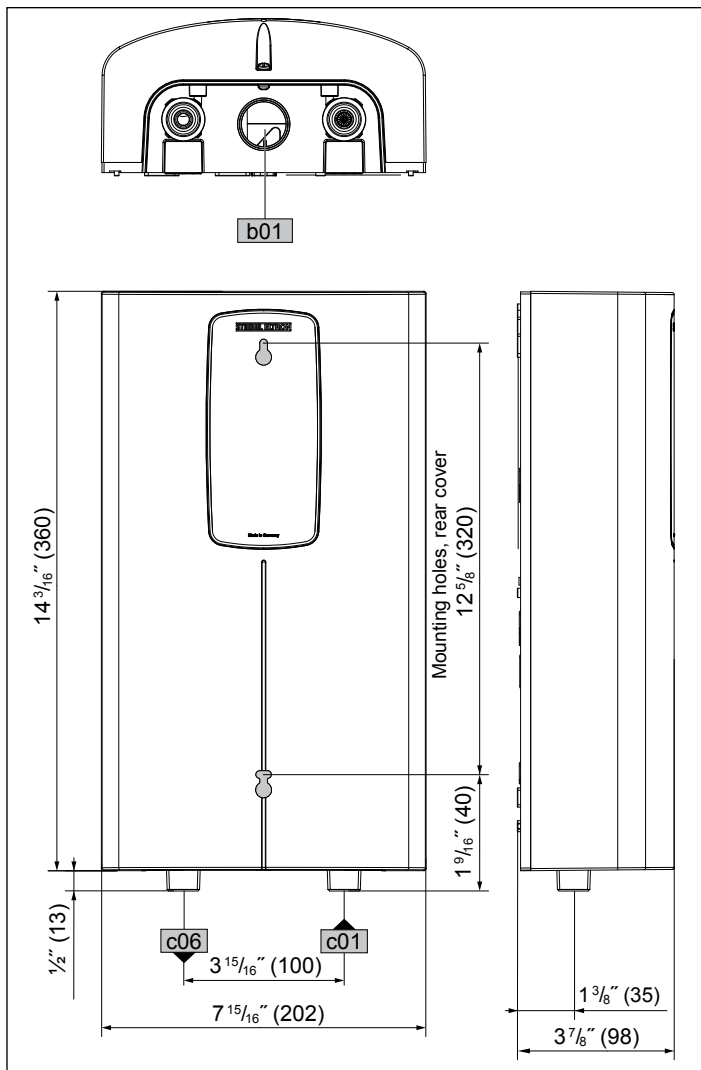
Model	Phase	Voltage	kW	Amps	Circuit Breaker	Minimum Wire Size (copper)	Temperature Rise °F (gpm = kW x 6.83 / Δt)				
							0.50 gpm	0.75 gpm	1.00 gpm	1.50 gpm	2.0 gpm
DHC 3-1 Classic*	single	120 V	3.0	25	25 ¹	10/2 AWG	41	-	-	-	-
DHC 3-2 Classic*	single	240 V	3.3	14	15	14/2 AWG	45	-	-	-	-
	single	208 V	2.5	12	15	14/2 AWG	34	-	-	-	-
DHC 4-2 Classic*	single	240 V	3.8	16	20	12/2 AWG	52	-	-	-	-
	single	208 V	2.9	14	15	14/2 AWG	40	-	-	-	-
DHC 4-3 Classic	single	277 V	4.5	17	20	12/2 AWG	61	41	31	20	15
DHC 5-2 Classic	single	240 V	4.8	20	20	12/2 AWG	65	44	33	22	16
	single	208 V	3.6	18	20	12/2 AWG	49	33	25	16	12
DHC 6-2 Classic	single	240 V	6.0	25	25 ¹	10/2 AWG	82	54	41	28	20
	single	208 V	4.5	22	25 ¹	10/2 AWG	61	41	31	20	15
DHC 6-3 Classic	single	277 V	6.0	21.7	25	10/2 AWG	82	54	41	28	20
DHC 8-2 Classic	single	240 V	7.2	30	30	10/2 AWG	-	66	49	33	25
	single	208 V	5.4	26	30	10/2 AWG	-	49	37	25	18
DHC 9-3 Classic	single	277 V	9.0	32.5	35 ²	8/2 AWG	-	-	61	41	31
DHC 10-2 Classic	single	240 V	9.6	40	40	8/2 AWG	-	-	65	44	33
	single	208 V	7.2	35	35 ²	8/2 AWG	-	-	49	33	25

* DHC 3-1, 3-2, 4-2 models ship with a 0.5 gpm pressure compensating flow reducer/aerator that should be installed.

¹ 25 A breaker may be sized up to 30 A. ² 35 A breaker may be sized up to 40 A.

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
Part number	202646	202647	202648	202649	202650	202651	202652	202653	202654	202655
Weight, lbs (kg)	5.5 (2.5)	4.6 (2.1)	4.6 (2.1)	4.6 (2.1)	4.6 (2.1)	5.5 (2.5)	5.5 (2.5)	5.5 (2.5)	5.5 (2.5)	5.5 (2.5)
Min. flow to activate, gpm (l/min)	0.32 (1.2)	0.32 (1.2)	0.43 (1.6)	0.43 (1.6)	0.43 (1.6)	0.48 (1.8)	0.48 (1.8)	0.69 (2.6)	0.8 (3.0)	0.8 (3.0)
Operating Pressure	Min. 30 psi, Max. 150 psi									
Dimensions	HEIGHT 14 ³ / ₁₆ " (360 mm) x WIDTH 7 ¹⁵ / ₁₆ " (202 mm) x DEPTH 3 ⁷ / ₈ " (98 mm)									
Cover Material and Color	White ABS									

Dimensions



► DHC models are suitable for cold water input only, max. 86 °F (30 °C)



Intertek

Certified to ANSI/UL Std. 499

Conforms to CAN/CSA E335-1/3E & E60335-2-35

ISO 9001
CERTIFIED



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

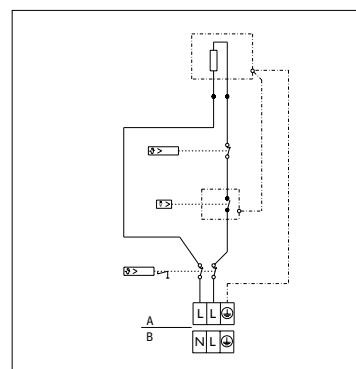
Wiring Diagrams

DHC 3-2 Classic, DHC 4-2 Classic, DHC 5-2 Classic

A 2/GND - 208 / 240V

DHC 4-3 Classic

B 1/N/GND - 277V



DHC 6-2 Classic, DHC 8-2 Classic, DHC 10-2 Classic

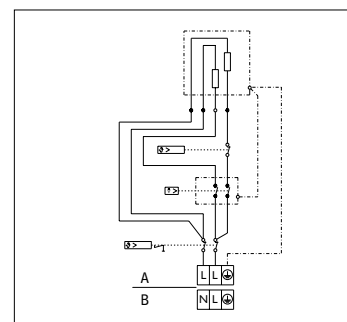
A 2/GND - 208 / 240V

DHC 6-3 Classic, DHC 9-3 Classic

B 1/N/GND - 277V

DHC 3-1 Classic

B 1/N/GND - 120V



Specification

The electric tankless water heater shall be equipped with a copper sheathed heating element housed in a copper cylinder. The flow switch that operates the heating element shall be of the mechanical pressure differential type. The unit shall be equipped with a safety high-limit switch with manual reset that triggers at 185 °F (85 °C). An integral tamper-proof flow adjustment screw shall be provided for the installer so that water flow rates can easily be adjusted. The water connections shall be designed for standard 1/2" NPT female adapter. The housing of the unit shall be made of high impact polycarbonate plastic. The unit shall be certified to ANSI ANSI/UL Std. 499 and conform to CAN/CSA E335-1/3E & E335-2-35.

Engineer/Architect _____ Date _____

Job Name/Customer _____ Location _____

Contractor _____ Representative _____

Qty kW Voltage Amps

DHC Classic model _____