

DHC-E Trend & DHC-E Plus Electric Tankless Water Heater

Engineer/Architect: _____ **Date:** _____

Job Name/Customer: _____ **Phone:** _____

Location: _____ **Date Required:** _____

Contractor: _____ **Phone:** _____

Water Heater Specifications	Item No.	Quantity	kW	Voltage	Amperage
Model # DHC-E Trend/Plus	_____	_____	_____	_____	_____

Applications

Commercial › Industrial › Institutional

- › Office Buildings
- › Stores
- › Malls
- › Warehouses
- › Restaurants
- › Gas Stations
- › Schools
- › Hotels / Motels
- › Commercial Condominiums
- › Manufacturing Facilities

Residential

- › Bathroom Sinks
- › Kitchen Sinks
- › Laundry Areas
- › Cabins / Cottages
- › Low Flow Showers

Specifications

Model	DHC-E 3/3.5-1 Trend	DHC-E 4/6-2 Trend		DHC-E 8/10-2 Trend DHC-E 8/10-2 Plus		DHC-E 12/15-2 Trend DHC-E 12/15-2 Plus	
Item no.	200057	200061		200058 (Trend) 202145 (Plus)		200059 (Trend) 200056 (Plus)	
Phase - 50/60 Hz	1						
Voltage	120 V	240 V	208 V	240 V	208 V	240 V	208 V
Wattage ¹ , jumper position 1 [low] / 2 [high]	3 kW / 3.5 kW	3.8 kW / 6 kW	2.9 kW / 4.5 kW	7.2 kW / 9.6 kW	5.4 kW / 7.2 kW	12 kW / 14.4 kW	9 kW / 10.8 kW
Amperage, jumper position 1 [low] / 2 [high]	25 A / 29.2 A	15.8 A / 25 A	13.9 A / 21.7 A	30 A / 40 A	26 A / 34.6 A	50 A / 60 A	43.3 A / 52 A
Min. recommended circuit breaker size, ² jumper position 1 [low] / 2 [high]	25 A / 30 A	20 A / 25 A	15 A / 25 A	30 A / 40 A	30 A / 35 A	50 A / 60 A	50 A / 60 A
Min. recommended AWG wire size, ³ jumper position 1 [low] / 2 [high]	10/2 / 10/2	12/2 / 10/2	14/2 / 10/2	10/2 / 8/2	10/2 / 8/2	8/2 / 6/2	8/2 / 6/2
Minimum water flow to activate unit	0.264 gpm (1.0 l/min)						
Weight	5.5 lb (2.5 kg)						
Dimensions	Height 14 1/8" (360 mm) x Width 8" (202 mm) x Depth 4 5/16" (109 mm)						
Nominal water volume	0.07 gal (0.277 l)						
Max. permissible inlet temperature	149°F (65°C)						
Maximum permissible pressure	145 psi (10 bar)						
Water connections	1/2" NPT						
ELECTRICAL RESISTIVITY & CONDUCTIVITY⁴							
Standard specification at	59°F (15°C)		68°F (20°C)		77°F (25°C)		
Minimum resistivity ρ ≥	1100 Ωcm		970 Ωcm		895 Ωcm		
Maximum conductivity σ ≤	91 mS/m	910 μS/cm	103 mS/m	1031 μS/cm	112 mS/m	1117 μS/cm	

DHC-E 3/3.5-1 Trend and 4/6-2 Trend ship with pressure compensating flow-reducer/aerators that must be installed.

¹ Factory default setting is jumper position 2 [high]

² Overcurrent protection sized at 100% of load. Tankless water heaters are considered a non-continuous load. Use only GFCI Class A circuit breakers.

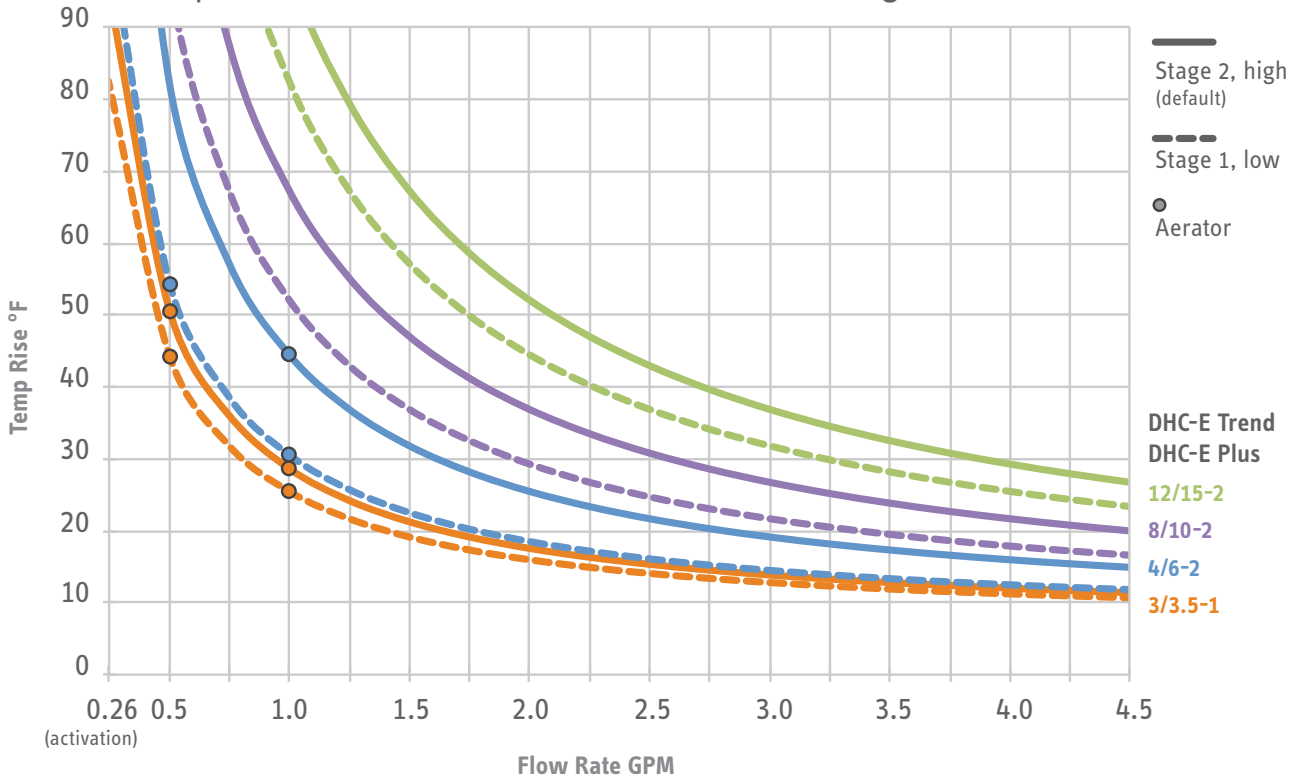
³ Copper conductors with a temperature rating of 75°C or greater must be used. Conductors should be sized to maintain a voltage drop of less than 3% under load.

⁴ Do not connect to a salt-regenerated water softener or a water supply of salt water.

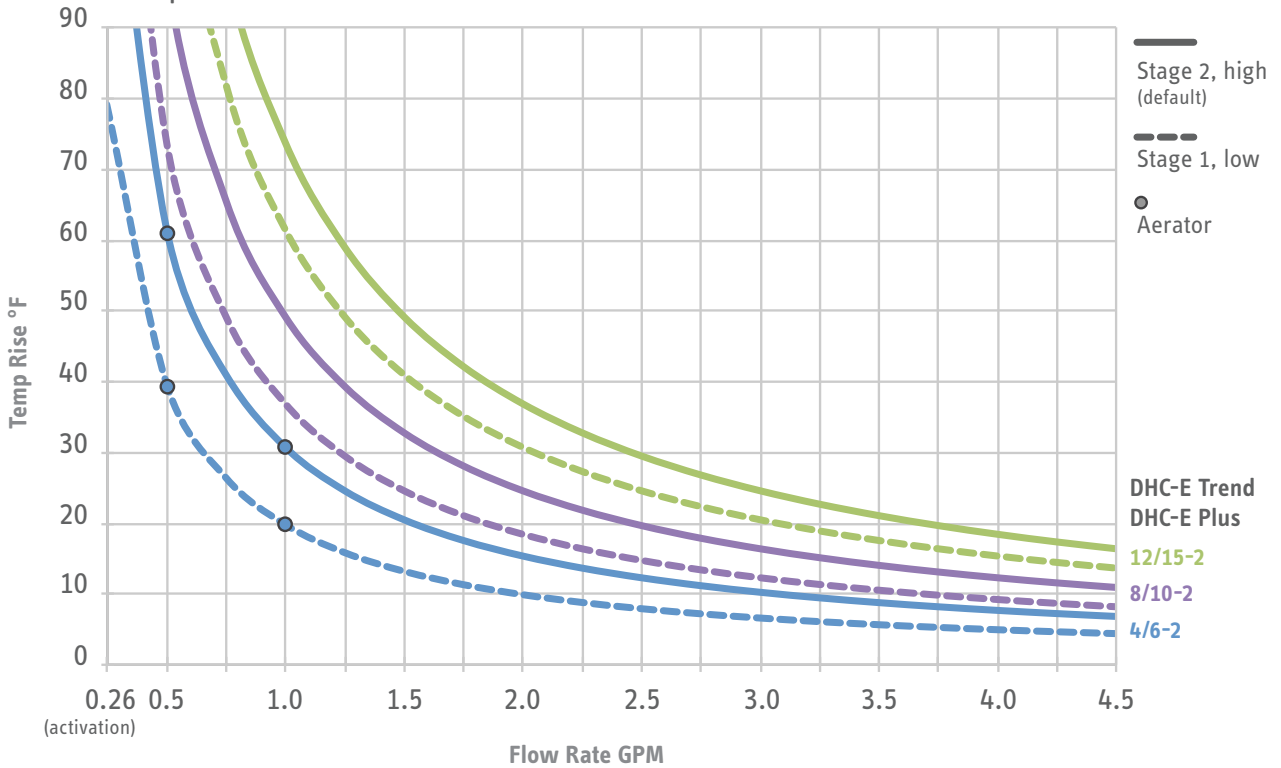
These are our recommendations. Check local codes for compliance if necessary.

Flow Rate

Temperature Rise vs. Flow Rate at Max Rated Voltage

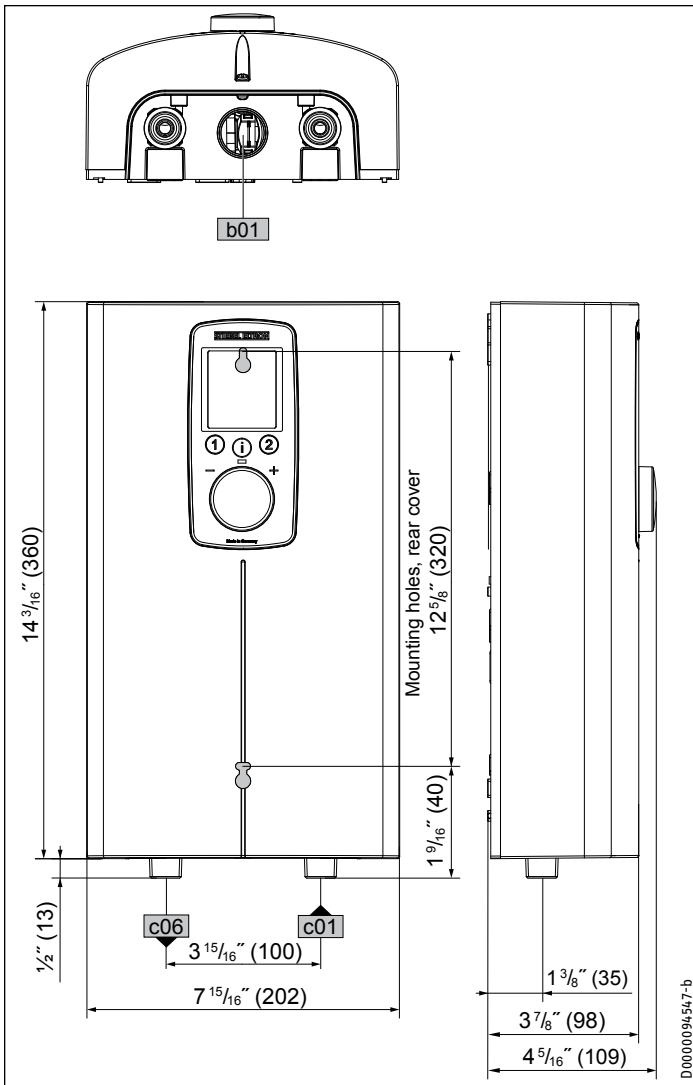


Temperature Rise vs. Flow Rate at 208 V



rev. 11.2024. Due to our continuous process of engineering and technological advancement, specifications may change without notice.

Dimensions



		DHC-E
b02	Entry electrical cables I	
c01	Cold water inlet	Male thread 1/2" NPT
c06	DHW outlet	Male thread 1/2" NPT



Intertek

Conforms to UL Std. 499

Certified to CAN/CSA

Std. C22.2 No.64

ISO 9001
CERTIFIED



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



Warranty

Additional terms and conditions apply. Please see complete warranty online for details.

Residential & commercial warranty: Subject to the terms and conditions set forth in this limited warranty, Stiebel Eltron, Inc. (the "Manufacturer") hereby warrants to the original purchaser (the "Owner") that each Tankless Electric Domestic Hot Water Heater (the "Heater") shall not (i) leak due to defects in the Manufacturer's materials or workmanship for a period of ten (10) years from the date of purchase or (ii) fail due to defects in the Manufacturer's materials or workmanship for a period of three (3) years from the date of purchase. As Owner's sole and exclusive remedy for breach of the above warranty, Manufacturer shall, at the Manufacturer's discretion, send replacement parts for local repair; retrieve the unit for factory repair, or replace the defective Heater with a replacement unit with comparable operating features. Manufacturer's maximum liability under all circumstances shall be limited to the Owner's purchase price for the Heater.