New Sleek Housing, Proven Point-of-Use Dependability

DHC Classic
POINT-OF-USE
TANKLESS ELECTRIC WATER HEATERS

› Unlimited Supply of Hot Water
› Hydraulically Controlled for Quiet Operation
› Sleek Design Saves Space
› Major Energy Savings
› Proven Reliability

800.582.8423

www.stiebel-eltron-usa.com
Ideal For All Point-of-Use Water Heating Applications

Stiebel Eltron DHC Classic tankless electric water heaters are the ideal choice for all point-of-use hand washing 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

Stiebel Eltron DHC Classic tankless water heaters are designed for installation at the point-of-use. The DHC heats water instantaneously as it flows through the unit. Stand-by heat losses are completely eliminated.

The heating element is controlled by a flow switch which means a DHC Classic can never dry-fire and fail prematurely. And since all DHC Classics are hydraulically controlled, operation is quiet. DHC Classic water heaters are equipped with a safety high-limit with manual reset. The rugged all copper design ensures many years of reliable service.

DHC 3-1, DHC 3-2, and DHC 4-2 Classic models are shipped with 0.5 GPM pressure compensating flow reducer/aerators that fit on most faucets. Flow controls and faucet aerators are highly recommended in conjunction with tankless water heaters. No pressure relief valve, drains, or circulating pumps needed.

**Depend on them!**

- Exclusive copper-clad heating element
- Hydraulically controlled for virtually silent operation
- Never dry fires and fails prematurely
- Superior reliability

**Engineer’s Specifications:** The tankless electric 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. 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 1/2” NPT female adapter. The housing shall be made of high impact polycarbonate plastic.
DHC Classic Single Sink Sizing Guide

This guide shows possible point-of-use fixture or fixtures for use with each DHC. It is not intended for whole house sizing. Use actual achievable flow rates to determine if a particular model and size will deliver the temperature and flow rate required for the installed fixture.

**DHC 3-1 Classic** | Min. activation 0.32 GPM
---|---
**MAX. FLOW RATE** | POSSIBLE FIXTURE TYPES
0.43 GPM | 0.54 GPM | 0.73 GPM | 1.14 GPM

**DHC 3-2 Classic** | Min. activation 0.32 GPM
---|---
**MAX. FLOW RATE** | POSSIBLE FIXTURE TYPES
0.47 GPM | 0.59 GPM | 0.81 GPM | 1.25 GPM

**DHC 4-2 Classic** | Min. activation 0.43 GPM
---|---
**MAX. FLOW RATE** | POSSIBLE FIXTURE TYPES
0.54 GPM | 0.68 GPM | 0.93 GPM | 1.44 GPM

**DHC 4-3 Classic** | Min. activation 0.43 GPM
---|---
**MAX. FLOW RATE** | POSSIBLE FIXTURE TYPES
0.64 GPM | 0.81 GPM | 1.10 GPM | 1.71 GPM

**DHC 5-2 Classic** | Min. activation 0.43 GPM
---|---
**MAX. FLOW RATE** | POSSIBLE FIXTURE TYPES
0.68 GPM | 0.86 GPM | 1.17 GPM | 1.82 GPM

**DHC 6-2/6-3 Classic** | Min. activation 0.48 GPM
---|---
**MAX. FLOW RATE** | POSSIBLE FIXTURE TYPES
0.85 GPM | 1.08 GPM | 1.46 GPM | 2.28 GPM

**DHC 8-2 Classic** | Min. activation 0.69 GPM
---|---
**MAX. FLOW RATE** | POSSIBLE FIXTURE TYPES
1.02 GPM | 1.29 GPM | 1.76 GPM | 2.73 / 1.02 GPM

**DHC 9-3 Classic** | Min. activation 0.8 GPM
---|---
**MAX. FLOW RATE** | POSSIBLE FIXTURE TYPES
1.28 GPM | 1.62 / 0.90 GPM | 2.2 / 1.06 GPM | 3.62 / 1.28 GPM

**DHC 10-2 Classic** | Min. activation 0.8 GPM
---|---
**MAX. FLOW RATE** | POSSIBLE FIXTURE TYPES
1.37 GPM | 1.73 / 0.96 GPM | 2.34 / 1.13 GPM | 3.64 / 1.37 GPM

**FIXTURES & FLOW RATES**

**TEMP. FOR MAX. FLOW RATE**

**SINGLE LAV SINK** (Range 0.5-1.5)
- 90°F

**KITCHEN SINK** (Range 1.0-2.2)
- 120°F

**UTILITY/JANITOR’S SINK** (Range 1.0-2.2)
- 120°F

Recommendations for 240 V models are correct if 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 any 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.

Certified to ANSI/UL Std. 499
Conforms to CAN/CSA E335-1/3E & E60335-2-35
Tested and certified by WQA against NSF/ANSI 372 for lead free compliance.
<table>
<thead>
<tr>
<th>Model</th>
<th>DHC 3-1 Classic</th>
<th>DHC 3-2 Classic</th>
<th>DHC 4-2 Classic</th>
<th>DHC 4-3 Classic</th>
<th>DHC 5-2 Classic</th>
<th>DHC 6-2 Classic</th>
<th>DHC 6-3 Classic</th>
<th>DHC 8-2 Classic</th>
<th>DHC 9-3 Classic</th>
<th>DHC 10-2 Classic</th>
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<tbody>
<tr>
<td>Item no.</td>
<td>202646</td>
<td>202647</td>
<td>202648</td>
<td>202649</td>
<td>202650</td>
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<td>Phase</td>
<td>50/60 Hz</td>
<td>50/60 Hz</td>
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<tr>
<td>Voltage</td>
<td>120 V</td>
<td>240 V</td>
<td>208 V</td>
<td>240 V</td>
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<tr>
<td>Wattage</td>
<td>3.0 kW</td>
<td>3.3 kW</td>
<td>2.5 kW</td>
<td>3.8 kW</td>
<td>2.9 kW</td>
<td>4.5 kW</td>
<td>3.6 kW</td>
<td>6.0 kW</td>
<td>4.5 kW</td>
<td>9.0 kW</td>
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<tr>
<td>Amperage</td>
<td>25 A</td>
<td>14 A</td>
<td>12 A</td>
<td>16 A</td>
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<td>17 A</td>
<td>20 A</td>
<td>18 A</td>
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<tr>
<td>Min. recommended circuit breaker size¹</td>
<td>25 A</td>
<td>15 A</td>
<td>15 A</td>
<td>20 A</td>
<td>15 A</td>
<td>20 A</td>
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<td>20 A</td>
<td>25 A</td>
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<tr>
<td>Min. recommended wire size²</td>
<td>10/2 AWG</td>
<td>14/2 AWG</td>
<td>12/2 AWG</td>
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<td>12/2 AWG</td>
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<tr>
<td>Minimum water flow to activate unit</td>
<td>0.32 gpm (1.2 l/min)</td>
<td>0.32 gpm (1.2 l/min)</td>
<td>0.43 gpm (1.6 l/min)</td>
<td>0.43 gpm (1.6 l/min)</td>
<td>0.43 gpm (1.6 l/min)</td>
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<td>0.69 gpm (2.6 l/min)</td>
<td>0.8 gpm (3.0 l/min)</td>
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<tr>
<td>Weight</td>
<td>5.5 lb (2.5 kg)</td>
<td>4.6 lb (2.1 kg)</td>
<td>4.6 lb (2.1 kg)</td>
<td>4.6 lb (2.1 kg)</td>
<td>5.5 lb (2.5 kg)</td>
<td>5.5 lb (2.5 kg)</td>
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<td>5.5 lb (2.5 kg)</td>
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<tr>
<td>Dimensions</td>
<td>Width 7 7/8” (20.2 cm) x Height 14 3/4” (36.0 cm) x Depth 3 3/4” (9.8 cm)</td>
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<tr>
<td>Nominal water volume</td>
<td>0.13 gal (0.5 l)</td>
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<td>Max. permissible inlet temperature</td>
<td>86°F (30°C)</td>
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<td>Working pressure</td>
<td>150 psi (10 bar)</td>
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<td>Tested to pressure</td>
<td>300 psi (20 bar)</td>
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<tr>
<td>Water connections</td>
<td>½” NPT</td>
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</table>

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

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Certified to ANSI/UL Std. 499
Conforms to CSA Std. E335-1/3E
& E60335-2-35
ISO 9001 CERTIFIED

7 years leakage & 3 years parts.
Complete warranty online.

DHC Classic replaces DHC

Limited Warranty (Excerpt): Subject to the terms and conditions set forth in this limited warranty, Stiebel Eltron, Inc. hereby warrants to the original purchaser that each Tankless Electric Domestic Hot Water Heater shall not (i) leak due to defects in the Manufacturer’s materials or workmanship for a period of seven (7) 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. Complete warranty details available online.

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