

## DHC-E Classic 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  | Item Number             | DHC-E 8/10 Classic* 203671   |            | DHC-E 12 Classic 203672 |      |
|--|-------------------------|--|------------|-------------------------|------|
| Phase  |                         | single 50/60 Hz  |            | single 50/60 Hz         |      |
| Voltage  |                         | 240 V or 208 V   |            | 240 V or 208 V          |      |
| Wattage  |                         | 7.2/9.6 kW   | 5.4/7.2 kW | 12 kW                   | 9 kW |
| Amperage   |                         | 30/40 A  | 26/35 A    | 50 A                    | 44 A |
| Min. recommended circuit breaker <sup>1</sup> (DP)     |                         | 30/40 A  | 30/35 A    | 50 A                    | 50 A |
| Min. recommended wire size <sup>2</sup> (copper)       |                         | 8/2 AWG  |            | 6/2 AWG                 |      |
| Maximum temperature increase above ambient water temp. | @ 0.75 gpm (2.8 l/min)  | 66/87  | 49/66      | 92                      | 82   |
|  | @ 1.00 gpm (3.8 l/min)  | 49/66  | 37/49      | 82                      | 61   |
|  | @ 1.50 gpm (5.7 l/min)  | 33/44  | 25/33      | 54                      | 41   |
|  | @ 2.25 gpm (8.5 l/min)  | -  | -          | 36                      | 27   |
|  | @ 3.00 gpm (11.3 l/min) | -  | -          | 27                      | 20   |
| Min. water flow to activate unit                       |                         | 0.264 gpm (1.0 l/min)  |            |                         |      |
| Max. inlet water temperature                           |                         | 131 °F (55 °C)   |            |                         |      |
| Weight   |                         | 5.9 lb (2.7 kg)  |            |                         |      |
| Nominal water volume                                   |                         | 0.13 gal (0.5 l)   |            |                         |      |
| Dimensions   |                         | Width 7 <sup>1</sup> / <sub>8</sub> " (20.0 cm) x Height 14 <sup>3</sup> / <sub>16</sub> " (36.0 cm) x Depth 4 <sup>1</sup> / <sub>8</sub> " (11.0 cm) |            |                         |      |
| Working pressure                                       |                         | 150 psi (10 bar)   |            |                         |      |
| Tested to pressure                                     |                         | 300 psi (20 bar)   |            |                         |      |
| Water connections                                      |                         | 1/2" NPT   |            |                         |      |

\*DHC-E 8/10 Classic is a single unit switchable at installation via jumper for output at 7.2 kW (Stage 1) or 9.6 kW (Stage 2).

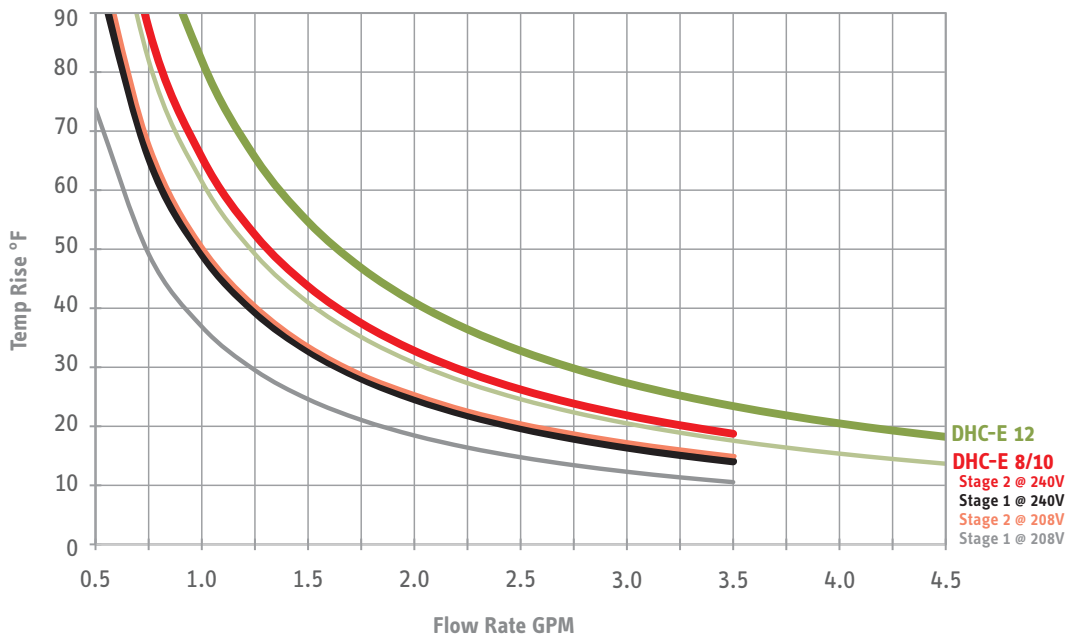
<sup>1</sup> This is our recommendation for overcurrent protection sized at 100% of load. Check local codes for compliance if necessary. Tankless water heaters are considered a non-continuous load.

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

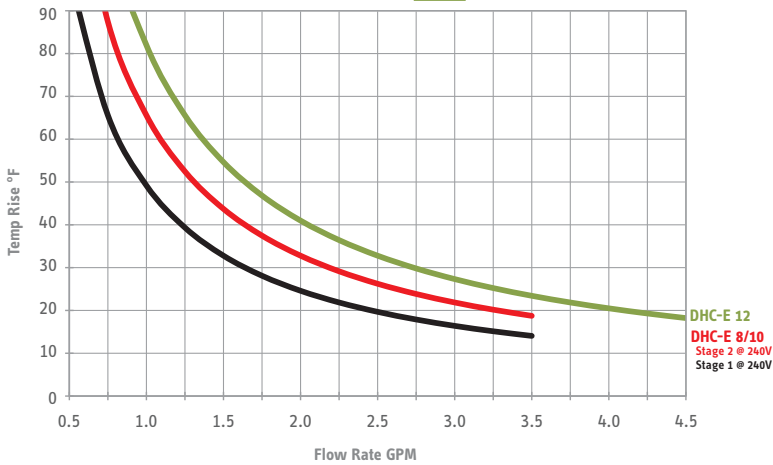
Scroll for temp. rise charts. ↓

## DHC-E Classic Technical Specifications

Temperature Rise vs. Flow Rate at 240 V and 208 V



Temperature Rise vs. Flow Rate at 240 V



Temperature Rise vs. Flow Rate at 208 V

