

DHC-E 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 | DHC-E 8/10* | | DHC-E 11 L | DHC-E 12 | |
|--|--|------------|-----------------|-----------------|------|
| Item Number | 224201 | | 235235 | 230628 | |
| Phase | single 50/60 Hz | | single 50/60 Hz | single 50/60 Hz | |
| Voltage | 240 V or 208 V | | 208-220 V | 240 V or 208 V | |
| Wattage | 7.2/9.6 kW | 5.4/7.2 kW | 10.4 kW | 12 kW | 9 kW |
| Amperage | 30/40 A | 26/35 A | 50 A | 50 A | 44 A |
| Min. recommended circuit breaker ¹ (DP) | 30/40 A | 30/35 A | 50 A | 50 A | 50 A |
| Min. recommended wire size ² (copper) | 8 AWG | | 6 AWG | 6 AWG | |
| Maximum temperature increase above ambient water temp. | @ 0.75 GPM | 66/87 | 49/66 | 92 | 82 |
| | @ 1.00 GPM | 49/66 | 37/49 | 75 | 61 |
| | @ 1.50 GPM | 33/44 | 25/33 | 47 | 41 |
| | @ 2.25 GPM | - | - | 28 | 27 |
| | @ 3.00 GPM | - | - | - | 27 |
| Min. water flow to activate unit | 0.26 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 ¹ / ₈ " / 20.0 cm x HEIGHT 14 ³ / ₁₆ " / 36.0 cm x DEPTH 4 ¹ / ₈ " / 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 is a single unit that is switchable at installation via jumper for output at 7.2 kW (Stage 1) or 9.6 kW (Stage 2).

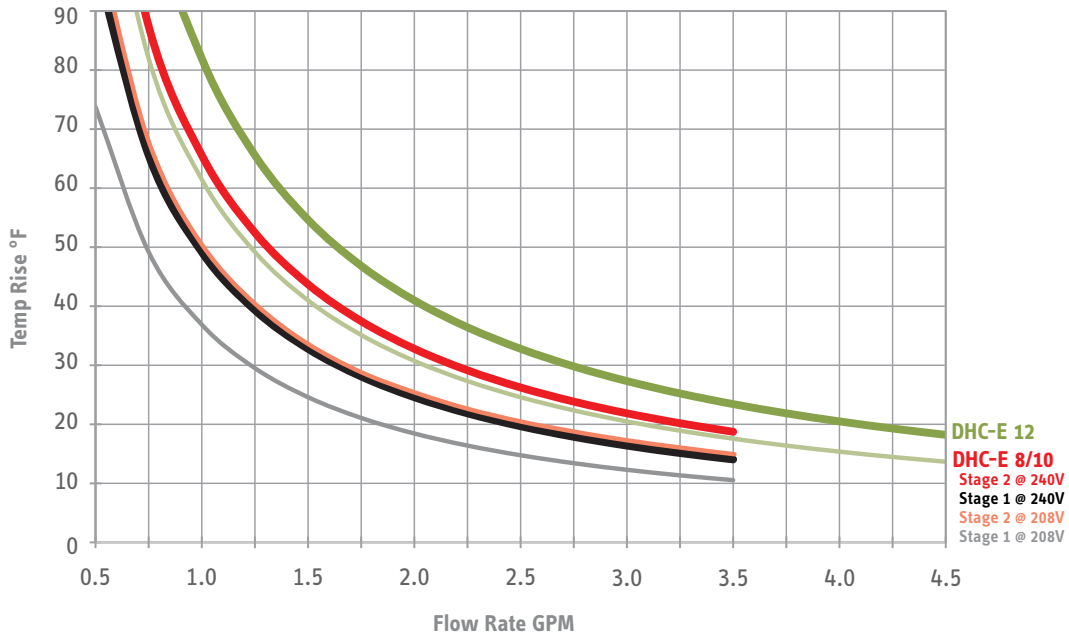
¹ This is our recommendation for overcurrent protection sized at 100% of load. Check local codes for compliance if necessary. Tankless water heaters are considered a non-continuous load.

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

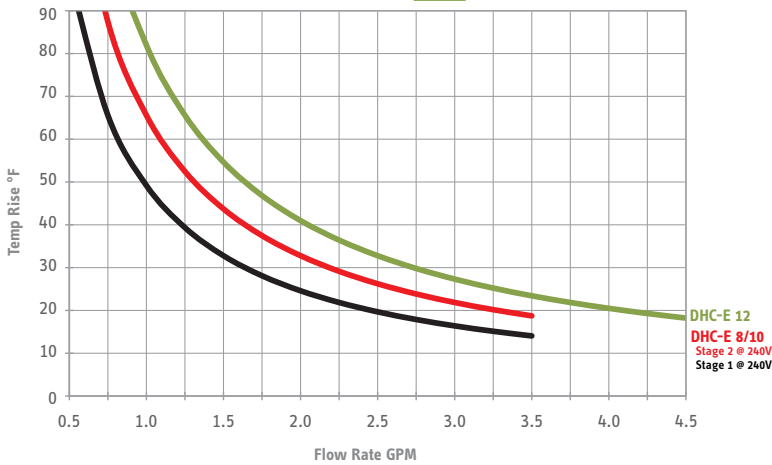
Scroll for temp. rise charts. ↓

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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

