

Commercial Application Point-of-Use Tankless Electric

STIEBEL ELTRON

Simply the Best

Mini™ | DHC Classic | Mini™-E | DHC-E | Tempra®



The Finest Tankless Electric Water Heaters Available!

- › On-demand, continuous, unlimited hot water
- › No venting required
- › Exclusive design prevents dry firing
- › Saves space
- › 99% efficiency & no standby losses



ISO 9001
CERTIFIED



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

800.582.8423

www.stiebel-eltron-usa.com

Tankless electric water heaters for point-of-use



Superior, Reliable & Energy Saving Performance | All Stiebel Eltron tankless electric water heaters have flow and temperature sensors. Electronic models feed their readings into proprietary microprocessor controls. Auto-modulation ensures that heating elements are engaged in stages, achieving the water temperature desired, with the lowest possible energy usage. Both the input and output water temperature and the flow rate are continually monitored. This smart Electronic Temperature Control microprocessor technology ensures steady output at the set point temperature even if flow rates vary up or down. Tankless electric water heaters from other manufacturers don't maintain steady temperature if the incoming flow rate varies.

Best Warranty in the Industry | Stiebel Eltron has an enviable track record of engineering excellence and product quality. The three-year parts warranty is unique in the industry. You can depend on a Stiebel Eltron tankless electric water heater for many years to come.

Superior Engineering in Every Way | Electronic models are completely silent in operation. Mechanical models are virtually silent. All models feature an exclusive design that prevents failure from dry-firing, plus manual safety high-limit cutoffs.

Simple Design of Plumbing System | There is no need for a T & P valve, drain or mixing valve. The design of the hot water plumbing system is very simple and straightforward.

Sleek Design Fits in Anywhere | Due to their compact dimensions, these water heaters may be installed close to draw-off points to minimize piping runs and also in areas where larger devices will not fit. The attractive housings may be left unconcealed in many applications.

Code Compliance Made Easy | A water temperature required by code can simply be dialed in on all electronic models. The accuracy of the water temperature is guaranteed by sophisticated electronics. The DHC-E and Tempra® can supply up to 140 °F (60 °C) water when health codes call for it. They can also be set internally to limit output temperature to a maximum of 109 °F (43 °C) where scalding water is a hazard. Mini™-E and DHC-E models have optional externally attached mixing valve assemblies for installations where UPC code compliance is a necessity. No need to worry about mixing valves that go out of adjustment and wear out. At the same time, when lower, non-scalding temperatures are needed, the advanced electronics of the DHC-E / Tempra® ensure what you set is what you get.

Seismic Proof Construction | These tankless water heaters are not subject to seismic code. There is no need for preventative construction, as required with bulky water storage heating systems.

No Venting Required | The units are electric and require no venting. This allows for installation possibilities not possible for gas units.

These are the ones that work.



Stiebel Eltron Mini™, DHC Classic, DHC-E & Tempra® Tankless Electric Water Heaters deliver instant hot water, and can eliminate time waiting for hot water, preserve precious water resources, and save energy.



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

Electronic Model Temperature Control |

The Mini-E is factory-set internally to deliver maximum 100°F (38°C) water temperature. It can be field set or custom ordered to deliver a different water temperature. Tempra® is adjusted on the front cover to set output water temperature between 68 to 140°F (20–60°C). DHC-E is adjusted on the front cover to set output water temperature between 86 to 140°F (30–60°C).

Superior Technical Support

Stiebel Eltron's knowledgeable customer support staff can offer product and sizing recommendations as well as help with troubleshooting and technical questions.

800.582.8423

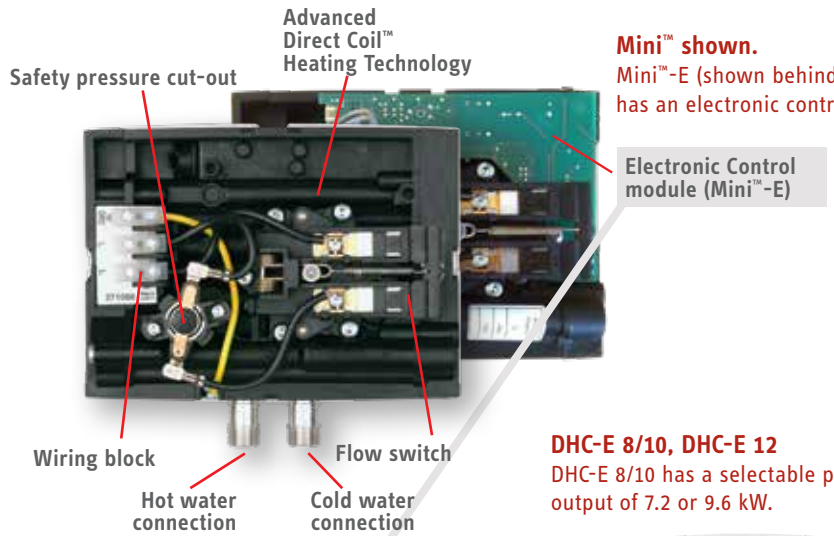
	Mini..	Mini.-E	DHC Classic	DHC-E	Tempra®
Best applications	single handwashing sink	single handwashing sink	single sink	multiple handwashing sinks or single high flow sink	multiple handwashing sinks or single high flow sink
Mechanical or electronic	Mechanical	Electronic	Mechanical	Electronic	Electronic
Installation orientations	below or above sink water connections pointing up or down	below or above sink water connections pointing up or down	below or above sink water connections pointing down	below or above sink water connections pointing down	below or above sink water connections pointing down
Voltages available	120/240 V	120/240 V	120/240/277 V	240 V	240 V
Output range for model	1.8 – 5.7 kW	1.8 – 5.7 kW	3 – 9.6 kW	7.2 – 12 kW	12 – 36 kW
Power draw for model	14.6 – 29 A	14.6 – 29 A	14 – 40 A	30 – 50 A	50 – 150 A
Activation flow rate (varies by kW)	0.21, 0.40, 0.77 gpm	0.21, 0.30, 0.48 gpm	0.32, 0.43, 0.48, 0.69, 0.8 gpm	0.264 gpm	0.37, 0.50, 0.77 gpm
Temperature rise range (approx.)	~30°F	~30°F	~30-80°F	~20-90°F	~30-90°F
Temperature selector	no	yes	no	yes	yes
Width/height/depth	7½ / 6½ / 3¼ inches 19.0 / 16.5 / 8.2 cm	7½ / 6½ / 3¼ inches 19.0 / 16.5 / 8.2 cm	7 ¹⁵ / ₁₆ / 14 ³ / ₁₆ / 3 ⁷ / ₈ inches 20.2 / 36.0 / 9.8 cm	7 ⁷ / ₁₆ / 14 ³ / ₁₆ / 4 ¹ / ₁₆ inches 20.0 / 36.0 / 10.4 cm	16 ⁵ / ₈ / 14½ / 4 ⁵ / ₈ inches 42.0 / 36.9 / 11.7 cm

Engineering & Manufacturing Excellence Since 1924

Take The Cover Off | Whether it is our solid copper or our Advanced Direct Coil™ heating system, we're happy to have you take the cover off. We've done our homework for over 90 years. As an international leader in the tankless electric water heating industry, Stiebel Eltron is proud to have invented and pioneered tankless water heating technology. Our German engineering and manufacturing tradition of excellence means that you can depend on the performance of all our products for many years to come.

Advanced Direct Coil™ Heating System in Mini™ and Mini™-E | Mini™ and Mini™-E feature our Direct Coil™ heating system. The ultra-reliable Mini™ and Mini™-E are more powerful than their small size might lead you to think.

Tempra® Trend & Tempra® Plus with Advanced Flow Control™ | Advanced Flow Control™, invented by Stiebel Eltron and awarded German patent DE 3805441 C2 and other patents, is exclusive to Tempra® Plus. No other manufacturer of tankless electric water heaters has anything like it. Advanced Flow Control™ ensures constant temperature output at the set point. No matter how great the demand is for hot water, even if it is temporarily greater than capacity, Advanced Flow Control™ automatically reduces water flow slightly to maintain delivery at the desired temperature.

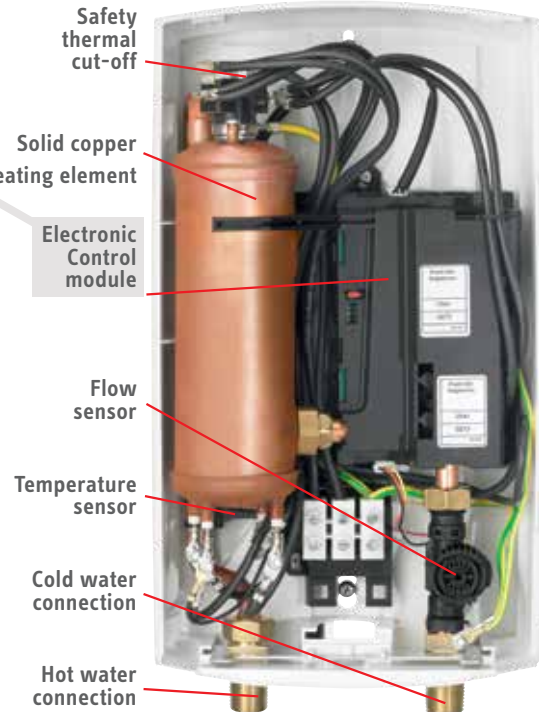
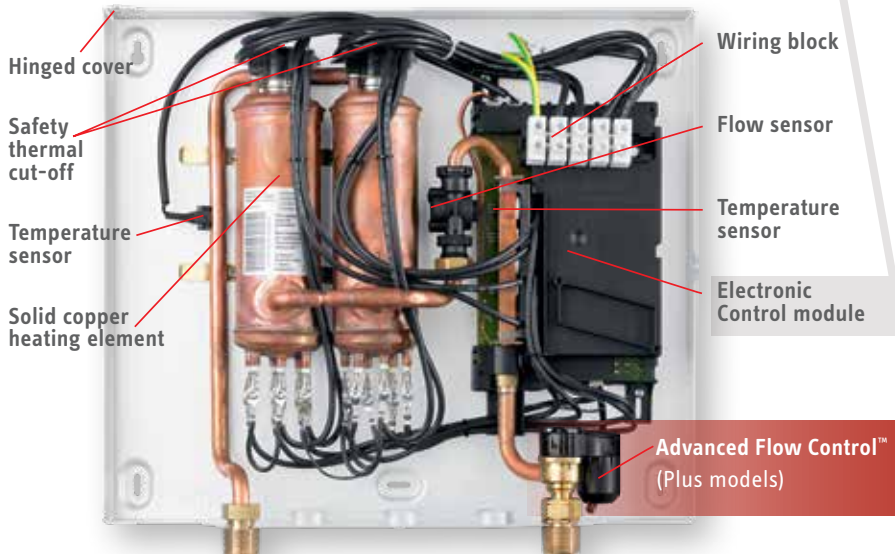


DHC-E 8/10, DHC-E 12
DHC-E 8/10 has a selectable power output of 7.2 or 9.6 kW.

Variable Flow
Steady Temperature

Our exclusive Electronic Temperature Control compensates for flow rate fluctuations to maintain constant temperature output. Tankless electric water heaters from other manufacturers do not maintain steady temperature if flow varies. Stiebel Eltron electronically-controlled models deliver consistent comfort – every time – all the time.

Tempra® 15, 20 or 24 Plus shown.
Tempra® 12 has one heating element,
Tempra® 29 & 36 have three heating elements.



Advanced Flow Control™ in Tempra® Plus was invented by Stiebel Eltron. No other manufacturer of tankless electric has anything like it.

The Right Size for the Application

COMMERCIAL POINT-OF-USE SIZING GUIDES

42°F **52°F** **62°F** **72°F**

Mini™/Mini-E 2-1 | Min. activation 0.21 GPM | Internally restricted to 0.32 / 0.40 GPM

MAX. FLOW RATE	0.26 GPM	0.32 GPM	0.32 / 0.40 GPM	0.32 / 0.40 GPM
POSSIBLE FIXTURE TYPES				

Mini™/Mini-E 2.5-1 | Min. activation 0.40 / 0.30 GPM

MAX. FLOW RATE	0.34 GPM	0.43 GPM	0.59 GPM	0.91 GPM
POSSIBLE FIXTURE TYPES				

Mini™/Mini-E 3-1 | Min. activation 0.40 / 0.30 GPM

MAX. FLOW RATE	0.43 GPM	0.54 GPM	0.73 GPM	1.14 GPM
POSSIBLE FIXTURE TYPES				

Mini™/Mini-E 3.5-1 OR Mini™/Mini-E 4-2 | Min. activation 0.40 / 0.30 GPM

MAX. FLOW RATE	0.50 GPM	0.63 GPM	0.85 GPM	1.33 GPM
POSSIBLE FIXTURE TYPES				

Mini™/Mini-E 6-2 | Min. activation 0.77 / 0.48 GPM

MAX. FLOW RATE	0.81 GPM	1.02 GPM	1.39 GPM	2.16 GPM
POSSIBLE FIXTURE TYPES				

DHC 3-1 Classic | Min. activation 0.32 GPM

MAX. FLOW RATE	0.43 GPM	0.54 GPM	0.73 GPM	1.14 GPM
POSSIBLE FIXTURE TYPES				

DHC 3-2 Classic | Min. activation 0.32 GPM

MAX. FLOW RATE	0.47 GPM	0.59 GPM	0.81 GPM	1.25 GPM
POSSIBLE FIXTURE TYPES				

DHC 4-2 Classic | Min. activation 0.43 GPM

MAX. FLOW RATE	0.54 GPM	0.68 GPM	0.93 GPM	1.44 GPM
POSSIBLE FIXTURE TYPES				

DHC 4-3 Classic | Min. activation 0.43 GPM

MAX. FLOW RATE	0.64 GPM	0.81 GPM	1.10 GPM	1.71 GPM
POSSIBLE FIXTURE TYPES				

DHC 5-2 Classic | Min. activation 0.43 GPM

MAX. FLOW RATE	0.68 GPM	0.86 GPM	1.17 GPM	1.82 GPM
POSSIBLE FIXTURE TYPES				

DHC 6-2/6-3 Classic | Min. activation 0.48 GPM

MAX. FLOW RATE	0.85 GPM	1.08 GPM	1.46 GPM	2.28 GPM
POSSIBLE FIXTURE TYPES				

DHC 8-2 Classic | Min. activation 0.69 GPM

MAX. FLOW RATE	1.02 GPM	1.29 GPM	1.76 GPM	2.73 / 1.02 GPM
POSSIBLE FIXTURE TYPES				

DHC 9-3 Classic | Min. activation 0.8 GPM

MAX. FLOW RATE	1.28 GPM	1.62 / 0.90 GPM	2.2 / 1.06 GPM	3.42 / 1.28 GPM
POSSIBLE FIXTURE TYPES				

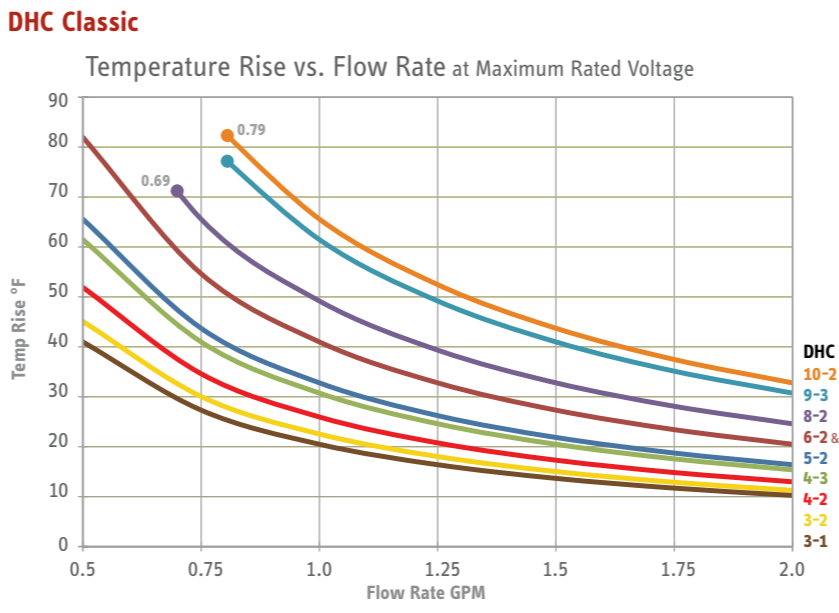
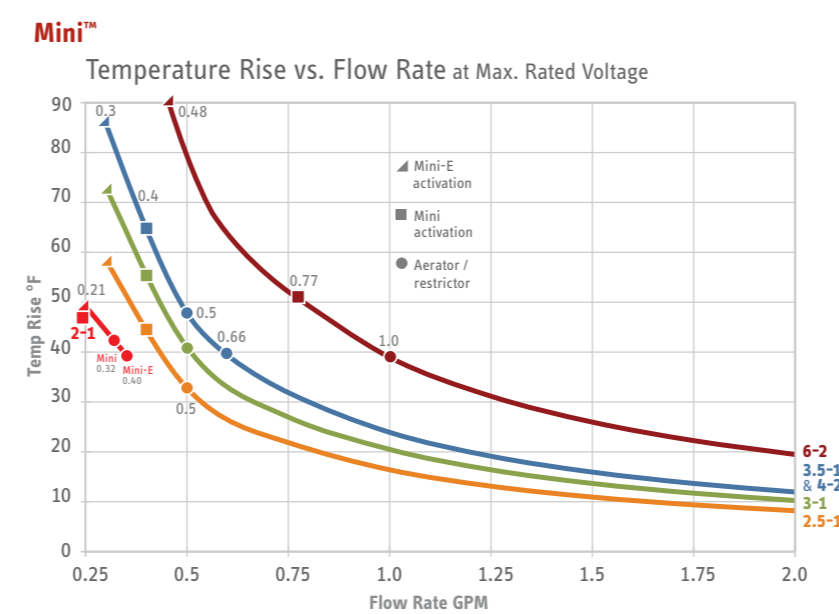
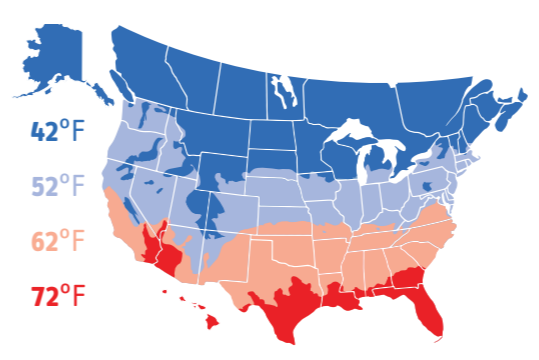
DHC 10-2 Classic | Min. activation 0.8 GPM

MAX. FLOW RATE	1.37 GPM	1.73 / 0.96 GPM	2.34 / 1.13 GPM	3.64 / 1.37 GPM
POSSIBLE FIXTURE TYPES				

These guides show possible point-of-use fixture or fixtures for use with each model and size. They are 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.

FIXTURES & FLOW RATES

- SHOWING POSSIBLE MODEL SUITABILITY TEMP. FOR MAX. FLOW RATE CALCULATION
- SINGLE LAV SINK (Range 0.5-1.5)
 - MULTIPLE SINKS (Number varies)
 - SHOWER (Range 1.0-2.5)
 - KITCHEN SINK (Range 1.0-2.2)
 - UTILITY/JANITOR'S SINK (Range 1.0-2.2)



42°F **52°F** **62°F** **72°F**

DHC-E 8/10 @ 7.2 kW | Min. activation 0.264 GPM

MAX. FLOW RATE	1.0 GPM	1.3 GPM	1.7 / 1.0 GPM	2.7 / 1.3 GPM
POSSIBLE FIXTURE TYPES				

DHC-E 8/10 @ 9.6 kW | Min. activation 0.264 GPM

MAX. FLOW RATE	1.3 GPM	1.7 GPM	2.3 / 1.3 GPM	3.6 / 1.7 / 1.3 GPM
POSSIBLE FIXTURE TYPES				

DHC-E 12 Min. activation 0.264 GPM / **Tempra® 12** Trend & Plus Min. activation 0.37 GPM

MAX. FLOW RATE	1.7 / 1.2 GPM	2.1 / 1.4 GPM	2.9 / 1.7 / 1.4 GPM	4.5 / 2.1 / 1.7 GPM
POSSIBLE FIXTURE TYPES				

Tempra® 15 Trend & Plus | Min. activation 0.50 GPM

MAX. FLOW RATE	2.0 / 1.4 GPM	2.6 / 1.7 / 1.4 GPM	3.5 / 2.0 / 1.7 GPM	5.4 / 2.6 / 2.0 GPM
POSSIBLE FIXTURE TYPES				

Tempra® 20 Trend & Plus | Min. activation 0.50 GPM

MAX. FLOW RATE	2.7 / 1.9 / 1.6 GPM	3.4 / 2.2 / 1.9 GPM	4.6 / 2.7 / 2.2 GPM	7.2 / 3.4 / 2.7 GPM
POSSIBLE FIXTURE TYPES				

Tempra® 24 Trend & Plus | Min. activation 0.50 GPM

MAX. FLOW RATE	3.4 / 2.4 / 2.1 GPM	4.3 / 2.8 / 2.4 GPM	5.8 / 3.4 / 2.8 GPM	8 / 4.3 / 3.4 GPM
POSSIBLE FIXTURE TYPES				

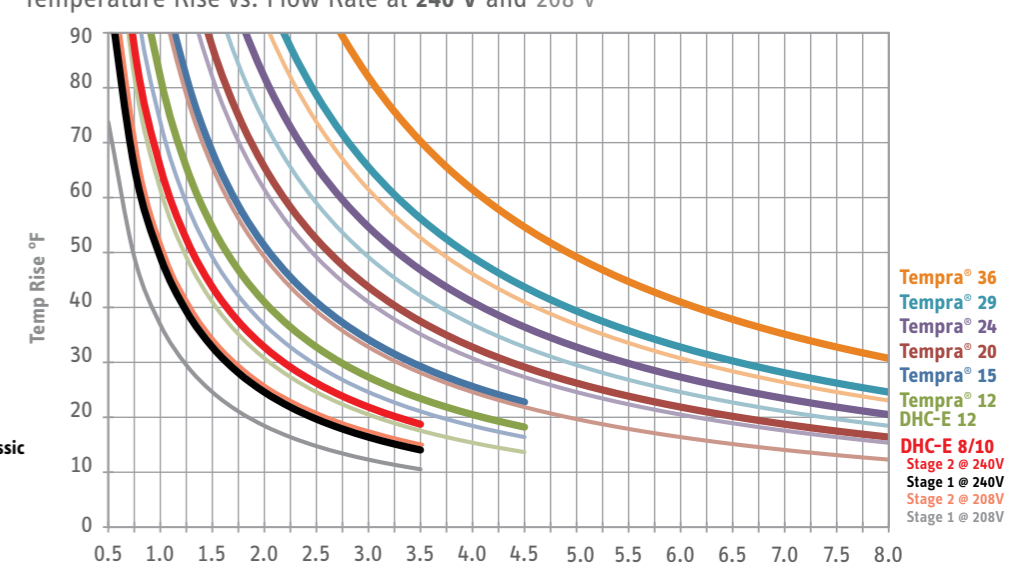
Tempra® 29 Trend & Plus | Min. activation 0.77 GPM

MAX. FLOW RATE	4.1 / 2.5 GPM	5.1 / 2.9 GPM	7.0 / 3.4 GPM	8 / 4.1 GPM
POSSIBLE FIXTURE TYPES				

Tempra® 36 Trend & Plus | Min. activation 0.77 GPM

MAX. FLOW RATE	5.1 / 3.1 GPM	6.4 / 3.6 GPM	8 / 4.2 GPM	8 / 5.1 GPM
POSSIBLE FIXTURE TYPES				

DHC-E / Tempra® Trend & Plus



Looking for commercial/industrial 3-phase water heaters? Tankless, Inc. water heaters from Stiebel Eltron are available for demanding commercial, industrial, and safety applications in all common 3-phase voltages and sizes from 12 to 144 kW. Our 3-phase commercial/industrial direct line is 800.TANKLESS

Mini™ / Mini™-E

Mechanical models:	Mini™ 2-1 231045	Mini™ 2.5-1 232098	Mini™ 3-1 220816	Mini™ 3.5-1 232099	Mini™ 4-2 222039	Mini™ 6-2 220817
Thermostatic models:	Mini™-E 2-1 236011	Mini™-E 2.5-1 236135	Mini™-E 3-1 236010	Mini™-E 3.5-1 236136	Mini™-E 4-2 236009	Mini™-E 6-2 236008
Phase - 50/60 Hz	1					
Voltage ¹	120 V	120 V	120 V	120 V	240 V or 208 V	240 V or 208 V
Wattage	1.8 kW	2.4 kW	3.0 kW	3.5 kW	3.5 kW 2.6 kW	5.7 kW 4.3 kW
Amperage draw	15 A	20 A	25 A	29 A	15 A 13 A	24 A 21 A
Min. recommended circuit breaker size ²	15 A (SP)	20 A (SP)	25 A (SP)	30 A (SP)	15 A (DP)	25 A (DP)
Min. recommended wire size ³ (copper)	14/2 AWG	12/2 AWG	10/2 AWG	10/2 AWG	14/2 AWG	10/2 AWG
Min. flow to activate						
Mechanical units	0.21 gpm (0.8 l/min)	0.40 gpm (1.5 l/min)	0.40 gpm (1.5 l/min)	0.40 gpm (1.5 l/min)	0.40 gpm (1.5 l/min)	0.77 gpm (2.9 l/min)
Thermostatic units	0.21 gpm (0.8 l/min)	0.30 gpm (1.15 l/min)	0.30 gpm (1.15 l/min)	0.30 gpm (1.15 l/min)	0.30 gpm (1.15 l/min)	0.48 gpm (1.8 l/min)
Water temp. range	Electronic units are adjustable from 86-122°F (30-50°C)					
Energy Factor (EF) (Mechanical / Thermostatic)	0.98 / 0.97 (UEF)	1.0 / 0.99	0.99 / 0.99	0.99 / 0.99	0.99 / 1.0	0.99 / 1.0
Weight	3.44 lb (1.56 kg)					
Dimensions	Width 7½" (19.0 cm) x Height 6½" (16.5 cm) x Depth 3¼" (8.2 cm)					
Water volume in unit	0.026 gal (0.1 l)					
Working pressure	150 psi (10 bar)					
Tested to pressure	300 psi (20 bar)					

Water connections⁴ ¾" O.D. flexible braided stainless steel hose connectors

Mini™ 2-1 is internally restricted to 0.32 gpm (1.2 l/min). Mini™-E 2-1 is internally restricted to 0.40 gpm (1.5 l/min).

All Mini™ models ship with appropriately sized pressure compensating flow-reducer/aerators that must be installed.

¹ Nominal mains voltage is 110-120V and 220-240V.

² 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.

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

⁴ Mechanical units suitable for supply with cold water only. Thermostatic units can accept inlet water of 122 °F.

DHC Classic

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
Item no.	202646	202647	202648	202649	202650	202651	202652	202653	202654	202655
Phase - 50/60 Hz	1									
Voltage	120 v	240 v 208 v	240 v 208 v	277 v	240 v 208 v	240 v 208 v	277 v	240 v 208 v	277 v	240 v 208 v
Wattage	3.0 kW	3.3 kW 2.5 kW	3.8 kW 2.9 kW	4.5 kW	4.8 kW 3.6 kW	6.0 kW 4.5 kW	6.0 kW	7.2 kW 5.4 kW	9.0 kW	9.6 kW 7.2 kW
Amperage	25 A	14 A 12 A	16 A 14 A	17 A	20 A 18 A	25 A 22 A	21.7 A	30 A 26 A	32.5 A	40 A 35 A
Min. recommended circuit breaker size ¹	25 A	15 A 15 A	20 A 15 A	20 A	20 A 20 A	25 A 25 A	25 A	30 A 30 A	35 A	40 A 35 A
Min. recommended wire size ²	10/2 AWG	14/2 AWG	12/2 AWG 14/2 AWG	12/2 AWG	12/2 AWG	10/2 AWG	10/2 AWG	10/2 AWG	8/2 AWG	8/2 AWG
Minimum water flow to activate unit	0.32 gpm (1.2 l/min)	0.32 gpm (1.2 l/min)	0.43 gpm (1.6 l/min)	0.43 gpm (1.6 l/min)	0.43 gpm (1.6 l/min)	0.48 gpm (1.8 l/min)	0.48 gpm (1.6 l/min)	0.69 gpm (2.6 l/min)	0.8 gpm (3.0 l/min)	0.8 gpm (3.0 l/min)
Weight	5.5 lb (2.5 kg)	4.6 lb (2.1 kg)	4.6 lb (2.1 kg)	4.6 lb (2.1 kg)	4.6 lb (2.1 kg)	5.5 lb (2.5 kg)	5.5 lb (2.5 kg)	5.5 lb (2.5 kg)	5.5 lb (2.5 kg)	5.5 lb (2.5 kg)
Dimensions	Width 7 ¹⁵ / ₁₆ " (20.2 cm) x Height 14 ³ / ₁₆ " (36.0 cm) x Depth 3 ⁷ / ₈ " (9.8 cm)									
Nominal water volume	0.13 gal (0.5 l)									
Max. permissible inlet temperature	86 °F (30 °C)									
Working pressure	150 psi (10 bar)									
Tested to pressure	300 psi (20 bar)									
Water connections ³	½" NPT									

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). 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.

³ Suitable for supply with cold water only.

Model	Item Number	DHC-E 8/10* 224201		DHC-E 12 230628	
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 ¹ (DP)		30/40 A	30/35 A	50 A	50 A
Min. recommended wire size ² (copper)		10 AWG/8 AWG		8 AWG	
Maximum temperature increase above ambient water temp.	@ 0.75 GPM	66/87 °F	49/66 °F	92 °F	82 °F
	@ 1.00 GPM	49/66 °F	37/49 °F	82 °F	61 °F
	@ 1.50 GPM	33/44 °F	25/33 °F	54 °F	41 °F
	@ 2.25 GPM	-	-	36 °F	27 °F
	@ 3.00 GPM	-	-	27 °F	20 °F
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 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			



Intertek

Mini™:
 Certified to ANSI/UL Std. 499
 Conforms to CAN/CSA Std. E335-1
 & E335-2-35
DHC Classic:
 Certified to ANSI/UL Std. 499
 Conforms to CAN/CSA Std. E335-1/3E
 & E60335-2-35
Mini™-E / DHC-E:
 Certified to ANSI/UL Std. 499
 Conforms to CAN/CSA Std. C22.2 No. 64
Tempra®:
 Certified to ANSI/UL Std. 499
 Conforms to CAN/CSA Std. C22.2 No. 88



C USA

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

ISO 9001
CERTIFIED

*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 Overcurrent protection sized at 100% of load. Tankless water heaters are considered a non-continuous load.

² 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. These are our recommendations. Check local codes for compliance if necessary.

Tempra® Trend & Plus

Tempra® Model	12 Trend 239213		15 Trend 239214		20 Trend 239215		24 Trend ³ 239216		29 Trend ⁴ 239217		36 Trend ⁵ 239218	
	Item Number	12 Plus 239219	15 Plus 239220	20 Plus 239221	24 Plus ³ 239222	29 Plus ⁴ 239223	36 Plus ⁵ 239225					
Phase	single 50/60 Hz		single ⁶ 50/60 Hz		single ⁶ 50/60 Hz		single ⁶ 50/60 Hz		single ⁶ 50/60 Hz		single ⁶ 50/60 Hz	
Voltage	240 V or 208 V		240 V or 208 V		240 V or 208 V		240 V or 208 V		240 V or 208 V		240 V or 208 V	
Wattage	12 kW	9 kW	14.4 kW	10.8 kW	19.2 kW	14.4 kW	24 kW	18 kW	28.8 kW	21.6 kW	36 kW	27 kW
Amperage draw	50 A	44 A	2 x 30 A	2 x 26 A	2 x 40 A	2 x 35 A	2 x 50 A	2 x 44 A	3 x 40 A	3 x 35 A	3 x 50 A	3 x 44 A
Number & min. recommended size of circuit breakers ¹ (DP)	1 x 50 A		2 x 30 A		2 x 40 A	2 x 35 A	2 x 50 A		3 x 40 A	3 x 35 A	3 x 50 A	
Number of runs & min. recommended wire size ² (copper)	1 x 8/2 AWG		2 x 10/2 AWG		2 x 8/2 AWG		2 x 8/2 AWG		3 x 8/2 AWG		3 x 8/2 AWG	
Maximum temperature increase above ambient water temp.	@ 1.50 GPM	54 °F	41 °F	65 °F	49 °F	88 °F	66 °F	92 °F	82 °F	92 °F	92 °F	92 °F
	@ 2.25 GPM	36 °F	27 °F	43 °F	37 °F	58 °F	44 °F	73 °F	54 °F	87 °F	66 °F	92 °F
	@ 3.00 GPM	27 °F	20 °F	33 °F	25 °F	44 °F	33 °F	54 °F	41 °F	66 °F	49 °F	82 °F
	@ 4.50 GPM	-	-	-	-	29 °F	22 °F	37 °F	27 °F	44 °F	33 °F	55 °F
Min. water flow to activate unit	0.37 gpm (1.4 l/min)		0.50 gpm (1.9 l/min)		0.50 gpm (1.9 l/min)		0.50 gpm (1.9 l/min)		0.77 gpm (2.9 l/min)		0.77 gpm (2.9 l/min)	
Weight	13.5 lb (6.1 kg)		16.1 lb (7.3 kg)		16.1 lb (7.3 kg)		16.1 lb (7.3 kg)		19.0 lb (8.6 kg)		19.0 lb (8.6 kg)	
Nominal water volume	0.13 gal (0.5 l)		0.26 gal (1.0 l)		0.26 gal (1.0 l)		0.26 gal (1.0 l)		0.39 gal (1.5 l)		0.39 gal (1.5 l)	
Max. inlet water temperature	131 °F (55 °C)											
Dimensions	Width 16 ⁵ / ₈ " (42.0 cm) x Height 14 ¹ / ₂ " (36.9 cm) x Depth 4 ⁵ / ₈ " (11.7 cm)											
Working pressure	150 psi (10 bar)											
Tested to pressure	300 psi (20 bar)											
Water connections	3/4" NPT											

¹ Overcurrent protection sized at 100% of load. Tankless water heaters are considered a non-continuous load.

² 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.

³ Requires minimum 150 A main service. ⁴ Requires 200 A main service. ⁵ Requires 300 A main service.

⁶ 29 Trend/Plus & 36 Trend/Plus may be wired for balanced 3-phase 208 V.

15 Trend/Plus, 20 Trend/Plus, 24 Trend/Plus may be wired for unbalanced 3-phase 208 V.

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

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