STIEBEL ELTRON

Simply the Best

Commercial Application
Point-of-Use Electric Tankless

Mini™ & Mini™-E | DHC Classic & DHC-E Classic
DHC Trend | DHC-E Trend & Plus | Tempra® Trend & Plus

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

The world leader in advanced water heating technology since 1924

Made in Germany

Intertek

WQA

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

ISO 9001 CERTIFIED

10/3 YEAR LIMITED WARRANTY

7/3 YEAR LIMITED WARRANTY

800.582.8423

www.stiebel-eltron-usa.com

STIEBEL ELTRON Simply the Best

Electric tankless water heaters for point-of-use

These are the ones that work.

Direct Coil™ Technology

Our new **DHC Trend, DHC-E Trend, and DHC-E Plus** models use our most advanced technology, the Direct Coil™ heating system pioneered in our Mini™ water heaters.

The Direct Coil™ heating system silently vibrates each start-up, a self-cleaning action that offers superior limescale resistance. While not totally immune to scale, these are the ones to install in hard water areas – or elsewhere!

Direct Coil™ has proven to be exceptionally low-failure, with outstanding added benefits including faster heat-up time & response time, low latent heat retention, and more.

Switchable models | Expanding on the well-received innovation of our DHC-E 8/10, the entire line of new Direct Coil™ models are switchable at installation to one of two power outputs. This provides extraordinary flexibility for an installation while simplifying model choice. Switching power outputs is as simple as changing a jumper.

Largest Point-of-Use with Exclusive Advanced Flow Control™ | In addition to now offering the largest point-of-use model available with 14.4 kW of power, the new **Direct Coil™ DHC-E** models are available in our Plus configuration.

The Direct Coil™ heating system in the **DHC-E Plus** models includes **Advanced Flow Control™**. Patented in Germany, and exclusive to Stiebel Eltron tankless heaters, **Advanced Flow Control™** has been a feature of our whole-house Tempra Plus models for years. If hot water demand exceeds working capacity, **Advanced Flow Control™** automatically maintains consistent temperatures by slightly reducing flow.

Now available in the **DHC-E 8/10-2 Plus** and **DHC-E 12/15-2 Plus**, Advanced Flow Control™ allows installation of a single water heater to satisfy multiple sinks. A **Direct Coil™ DHC-E Plus** will provide the correct temperature water at multiple sinks at the same time, without delivering colder water if the system is overloaded by one too many taps being opened.

Superior, Reliable & Energy Saving Performance | In addition to the special benefits of Direct Coil™ technology, the new models include all the benefits that are part of the entire Stiebel Eltron electric tankless line.

Ideal for both residential and commercial point-of-use sink applications, these new Direct Coil™ models heat water endlessly on demand at 99% efficiency. They have no stand-by energy losses because they do not store hot water like tank water heaters. No venting is required and the compact European design can be installed with the unit visible.

Micro-processor control, flow sensor, and our newly patented air detection system completely eliminate dry-fire. And of course these new models have a safety high-limit with a manual control. Activation rate for all new Direct Coil™ models is a low 0.264 GPM.

Model-specific features | Intended for trouble-free installation without user tampering, **DHC Trend** models have no screen. Maximum temperature output can be set internally, but they should be sized by choosing the correct power output for the particular flow rate and temperature rise needed for an installation.

DHC-E Trend and **DHC-E Plus** are equipped with digital display screens. Desired output temperature is easily set using the dial and display on the cover. These models also have electronic features that include setting maximum output temperature and a child safety lock. **Plus** models include additional features including preset temperature memory plus display of flow rate and energy usage and savings.

Tempra® Trend and **Tempra® Plus**, our higher-capacity single-phase copper element water heaters, are also equipped with digital display screens and easily set output temperature using the dial and display on the cover. Both **Tempra®** models also have electronic features including setting maximum output temperature and a child safety lock. **Tempra® Plus** features also include preset temperature memory plus display of flow rate and energy usage and savings in addition to the industry-exclusive **Advanced Flow Control™** system.

While these models excel at supplying water at the desired constant temperature, the amount of hot water and its temperature depends on the incoming cold-water temperature and the size of the model installed. The correct model size should be chosen using our Sizing Guide. As always, our renowned technical support department is available for advice.

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

Sleek Design Fits in Anywhere | Due to their compact dimensions and no need for venting, these water heaters may be installed in areas where larger devices will not fit, and close to draw-off points to minimize piping runs. The attractive housings may be left unconcealed in many applications.

At the heart of Stiebel Eltron's most advanced and revolutionary Direct Coil™ heating system is a robust nichrome heating coil and a bullet-proof poly-amide composite heating chamber.

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 Classic, Trend,** and **Plus** models, and **Tempra®** models 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. When lower, non-scalding temperatures are needed, the advanced electronics of these models ensures what you set is what you get.

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 an internal mixing valve to go out of adjustment or wear out.

7/3 YEAR LIMITED WARRANTY — Copper models

10/3 YEAR LIMITED WARRANTY — Direct Coil™ models

Complete warranty online.

Superior Warranty & Superior Technical Support | Stiebel Eltron has an enviable track record of engineering excellence and product quality. The three-year parts warranty is unique in the industry. And our already long 7-year leak warranty for copper heating models has been extended to 10 years for all Direct Coil™ models. You can depend on a Stiebel Eltron tankless electric water heater for many years to come.

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

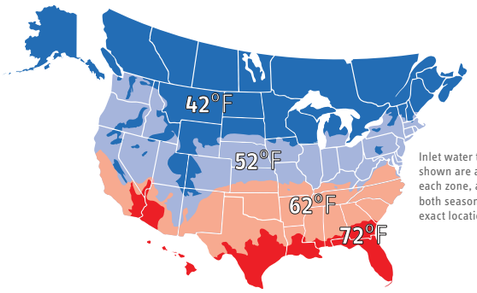
	Mini™	Mini™-E	DHC Classic	DHC-E Classic	DHC Trend	DHC-E Trend & Plus	Tempra® Trend & Plus
Application possibilities	single handwashing sink	single handwashing sink for commercial code-compliance	single sink	multiple handwashing sinks or single high flow sink	single handwashing sink	multiple handwashing sinks single high flow sink (larger sizes)	multiple handwashing sinks single high flow sink, showers
Heating system	**Direct Coil™**	**Direct Coil™**	Copper	Copper	**Direct Coil™**	**Direct Coil™**	Copper
Mechanical or electronic	Mechanical	Electronic	Mechanical	Electronic	Electronic	Electronic	Electronic
Special features		accepts input water up to 122°F		accepts input water up to 131°F	accepts input water up to 149°F*	accepts input water up to 149°F* **Plus** models have Advanced Flow Control™	accepts input water up to 131°F **Plus** models have Advanced Flow Control™
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	below or above sink; water connections pointing down	below or above sink; water connections pointing down
Voltages available	120 V, 240/208 V	120 V, 240/208 V, 277 V	120 V, 240/208 V, 277 V	120 V, 240/208 V	120 V, 240/208 V	120 V, 240/208 V	240/208 V
Output range for model	1.8 – 5.7 kW	1.8 – 5.7 kW	3.0 – 9.6 kW	7.2 – 12 kW	3.0 – 14.4 kW	3.0 – 14.4 kW	12 – 36 kW
Power draw for model	14.6 – 29 A	14.6 – 29 A	14 – 40 A	30 – 50 A	25 – 60 A	25 – 60 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	0.264 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	~20-90 °F	~20-90 °F	~30-90 °F
Temperature selector	no	yes, internal via potentiometer	no	yes	yes, internal via jumper	yes	yes
Display screen	no	no	no	no	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	8 / 14 1/8 / 4 5/16 inches 20.2 / 36.0 / 10.9 cm	8 / 14 1/8 / 4 5/16 inches 20.2 / 36.0 / 10.9 cm	16 5/8 / 14½ / 4 5/8 inches 42.0 / 36.9 / 11.7 cm
Warranty	10/3	10/3	7/3	7/3	10/3	10/3	7/3

*Max input water 149°F; max input water that would be heated 131°F; max. temperature output 140°F. †Mini-E 6-2 can provide an 80°F rise at 0.50 GPM.

Commercial Point-of-Use Sizing Guide

These tables show achievable flow rates for specific temperature rises, and suggest possible point-of-use fixture or fixtures for use with each model and size. They are not intended for whole house sizing. Use actual flow rates for an installation to determine if a particular model and size will deliver the temperature and flow rate required.

Max. Flow Rates shown 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.



Inlet water temperatures shown are an average for each zone, and may vary both seasonally and by exact location.

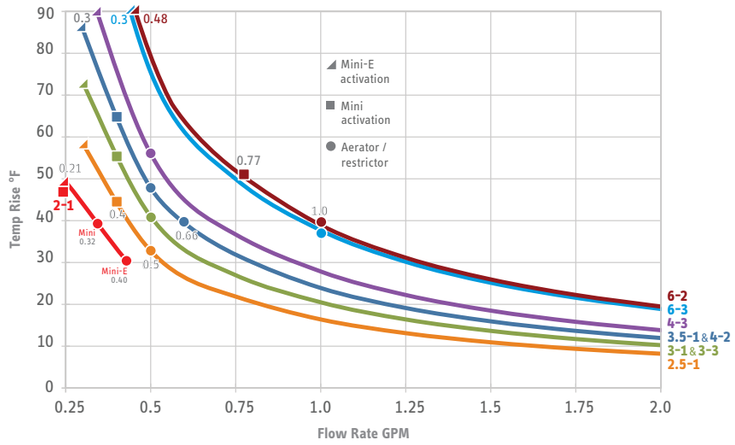
FIXTURES & FLOW RATES

SHOWING POSSIBLE MODEL SUITABILITY & TEMP. FOR MAX. FLOW RATE CALCULATION

SINGLE LAV SINK OR MULTIPLE (Number varies)	SHOWER	KITCHEN SINK	UTILITY/JANITOR'S SINK
(Range 0.5-1.5)	(Range 1.0-2.5)	(Range 1.0-2.2)	(Range 1.0-2.2)
90°F	105°F	105°F	120°F

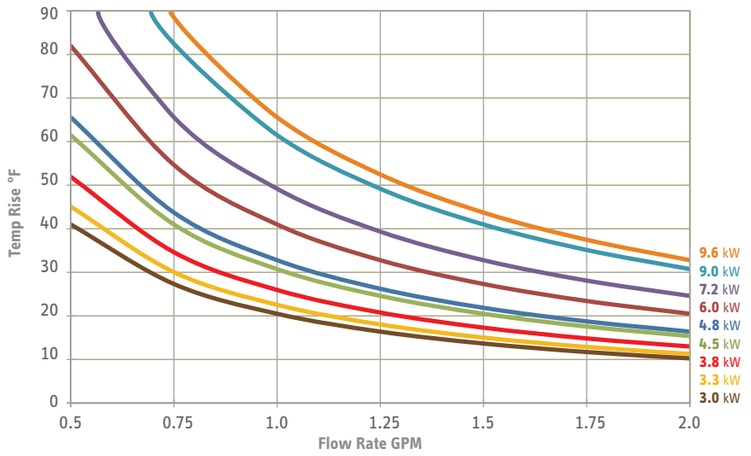
1.8 – 5.7 kW Mini™/Mini™-E

Temperature Rise vs. Flow Rate at Max Rated Voltage



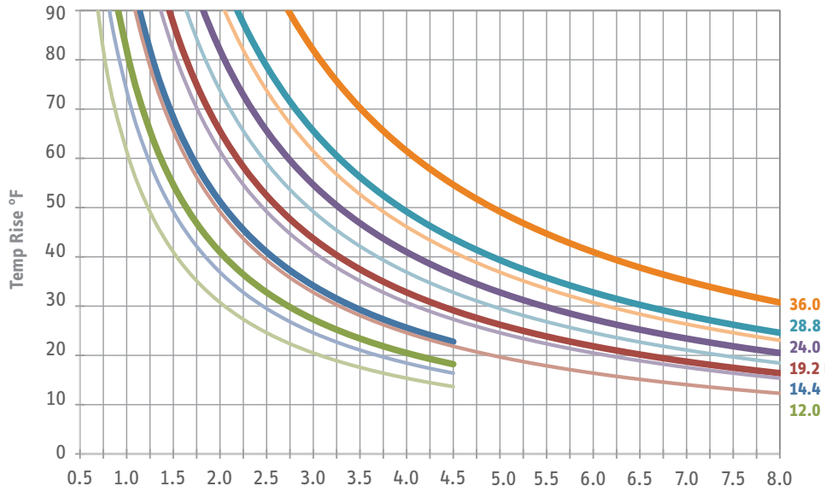
3.0 – 9.6 kW DHC & DHC-E Classic, DHC Trend, DHC-E Trend & Plus

Temperature Rise vs. Flow Rate at Maximum Rated Voltage



12.0 – 36.0 kW DHC Trend; DHC-E Classic, Trend, & Plus; Tempra® Trend & Plus

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



	42°F	52°F	62°F	72°F
1.8 kW Mini™/Mini™-E 2-1 Min. activation 0.21 GPM | Internally restricted to 0.32 / 0.40 GPM				
MAX. FLOW RATE	0.3 gpm	0.3 gpm	0.3 / 0.4 gpm	0.3 / 0.4 gpm
POSSIBLE FIXTURE TYPES				
2.4 kW Mini™/Mini™-E 2.5-1 Min. activation 0.40 / 0.30 gpm				
MAX. FLOW RATE	0.3 GPM	0.4 GPM	0.6 GPM	0.9 GPM
POSSIBLE FIXTURE TYPES	Mini-E only			
3.0 kW Mini™ 3-1/Mini™-E 3-1, Mini™-E 3-3 Min. activation 0.40 / 0.30 gpm **DHC 3-1 Classic** Min. activation 0.32 gpm **DHC 3/3.5-1 Trend @ 3.0 kW output** Min. activation 0.26 gpm				
MAX. FLOW RATE	0.4 GPM	0.5 GPM	0.7 GPM	1.1 GPM
POSSIBLE FIXTURE TYPES				
3.4 kW DHC 3-2 Classic Min. activation 0.32 gpm				
MAX. FLOW RATE	0.5 GPM	0.6 GPM	0.8 GPM	1.25 GPM
POSSIBLE FIXTURE TYPES				
3.5 kW Mini™/Mini™-E 3.5-1 Min. activation 0.40 / 0.30 gpm **Mini™/Mini™-E 4-2** Min. activation 0.40 / 0.30 gpm **DHC 3/3.5-1 Trend @ 3.5 kW output** Min. activation 0.26 gpm				
MAX. FLOW RATE	0.5 GPM	0.6 GPM	0.85 GPM	1.3 GPM
POSSIBLE FIXTURE TYPES				
3.8 kW Mini™-E 4-3 Min. activation 0.30 gpm **DHC 4-2 Classic** Min. activation 0.43 gpm **DHC 4/6-2 Trend @ 3.8 kW output** Min. activation 0.26 gpm **DHC-E 4/6-2 Trend @ 3.8 kW output** Min. activation 0.26 gpm				
MAX. FLOW RATE	0.5 GPM	0.7 GPM	0.9 GPM	1.4 GPM
POSSIBLE FIXTURE TYPES				
4.5 kW DHC 4-3 Classic Min. activation 0.43 gpm				
MAX. FLOW RATE	0.6 GPM	0.8 GPM	1.1 GPM	1.7 GPM
POSSIBLE FIXTURE TYPES				
4.8 kW DHC 5-2 Classic Min. activation 0.43 gpm				
MAX. FLOW RATE	0.7 GPM	0.9 GPM	1.2 GPM	1.8 GPM
POSSIBLE FIXTURE TYPES				
5.5 kW Mini™-E 6-3 Min. activation 0.30 gpm				
MAX. FLOW RATE	0.8 GPM	1 GPM	1.3 GPM	2.1 GPM
POSSIBLE FIXTURE TYPES				
5.7 kW Mini™/Mini™-E 6-2 Min. activation 0.77 / 0.48 gpm				
MAX. FLOW RATE	0.8 GPM	1 GPM	1.4 GPM	2.2 GPM
POSSIBLE FIXTURE TYPES				Mini: 1 sink; Mini-E: 1 or 2 sinks
6.0 kW DHC 6-2 & 6-3 Classic Min. activation 0.48 gpm **DHC 4/6-2 Trend @ 6.0 kW output** Min. activation 0.26 gpm **DHC-E 4/6-2 Trend @ 6.0 kW output** Min. activation 0.26 gpm				
MAX. FLOW RATE	0.85 GPM	1.1 GPM	1.5 GPM	2.3 GPM
POSSIBLE FIXTURE TYPES				DHC Classic: 1 sink; DHC/-E Trend: 1 or 2 sinks
7.2 kW DHC 8-2 Classic Min. activation 0.69 gpm **DHC-E 8/10 Classic @ 7.2 kW output** Min. activation 0.26 gpm **DHC 8/10-2 Trend @ 7.2 kW output** Min. activation 0.26 gpm **DHC-E 8/10-2 Trend & Plus @ 7.2 kW output** Min. activation 0.26 gpm				
MAX. FLOW RATE	1 GPM	1.3 GPM	1.8 GPM	2.7 GPM / 1.5 GPM
POSSIBLE FIXTURE TYPES				OR
9.0 kW DHC 9-3 Classic Min. activation 0.8 gpm				
MAX. FLOW RATE	1.3 GPM	1.6 GPM / 1.2 GPM	2.2 GPM / 1.4 GPM	3.4 GPM / 1.9 GPM
POSSIBLE FIXTURE TYPES		OR	OR	OR
9.6 kW DHC 10-2 Classic Min. activation 0.79 gpm **DHC 8/10-2 Trend @ 9.6 kW output** Min. activation 0.26 gpm **DHC-E 8/10-2 Trend & Plus @ 9.6 kW output** Min. activation 0.26 gpm				
MAX. FLOW RATE	1.4 GPM	1.7 GPM / 1.3 GPM	2.3 GPM / 1.5 GPM	3.6 GPM / 2 GPM
POSSIBLE FIXTURE TYPES		OR	OR	OR

	42°F	52°F	62°F	72°F
12.0 kW DHC-E 12 Classic Min. activation 0.26 gpm **DHC 12/15-2 Trend @ 12.0 kW output** Min. activation 0.26 gpm **DHC-E 12/15-2 Trend & Plus @ 12.0 kW output** Min. activation 0.26 gpm **Tempra® 12 Trend & Plus** Min. activation 0.37 gpm				
MAX. FLOW RATE	1.7 GPM / 1.3 GPM	2.2 GPM / 1.55 GPM	2.9 GPM / 1.9 GPM	4.6 / 2.5 / 1.7 GPM
POSSIBLE FIXTURE TYPES	OR	OR	OR	OR OR
14.4 kW DHC 12/15-2 Trend @ 14.4 kW output Min. activation 0.26 gpm **DHC-E 12/15-2 Trend & Plus @ 14.4 kW output** Min. activation 0.26 gpm **Tempra® 15 Trend & Plus** Min. activation 0.50 gpm				
MAX. FLOW RATE	2 GPM / 1.6 GPM	2.6 GPM / 1.9 GPM	3.5 GPM / 2.3 GPM	5.5 / 3 / 2 GPM
POSSIBLE FIXTURE TYPES	OR	OR	OR	OR OR
19.2 kW Tempra® 20 Trend & Plus Min. activation 0.50 gpm				
MAX. FLOW RATE	2.7 / 2 / 1.7 GPM	3.45 / 2.5 / 1.9 GPM	4.7 / 3 / 2.3 GPM	7.3 / 4 / 2.7 GPM
POSSIBLE FIXTURE TYPES	OR OR	OR OR	OR OR	OR OR
24.0 kW Tempra® 24 Trend & Plus Min. activation 0.50 gpm				
MAX. FLOW RATE	3.4 / 2.6 / 2.1 GPM	4.3 / 3 / 2.4 GPM	5.9 / 3.8 / 2.8 GPM	8 / 5 / 3.4 GPM
POSSIBLE FIXTURE TYPES	OR OR	OR OR	OR OR	OR OR
28.8 kW Tempra® 29 Trend & Plus Min. activation 0.77 gpm				
MAX. FLOW RATE	4.1 / 3.1 / 2.5 GPM	5.2 / 3.7 / 2.9 GPM	7 / 4.6 / 3.4 GPM	8 / 6 / 4.1 GPM
POSSIBLE FIXTURE TYPES	OR OR	OR OR	OR OR	OR OR
36.0 kW Tempra® 36 Trend & Plus Min. activation 0.77 gpm				
MAX. FLOW RATE	5.1 / 4 / 3.15 GPM	6.5 / 4.6 / 3.6 GPM	8 / 5.7 / 4.2 GPM	8 / 7.5 / 5.1 GPM
POSSIBLE FIXTURE TYPES	OR OR	OR OR	OR OR	OR OR

Looking for 3-phase high-capacity water heaters?

High capacity 3-phase electric water heaters from Stiebel Eltron are available for demanding commercial, industrial, and safety applications in all common voltages and sizes from 12 to 144 kW.

Our 3-phase commercial/industrial direct line is 800.TANKLESS

DHC Trend

Model	DHC 3/3.5-1 Trend	DHC 4/6-2 Trend		DHC 8/10-2 Trend		DHC 12/15-2 Trend	
Item no.	200060	200062		200063		200064	
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[3]	$^{1}/_{2}''$ NPT						

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

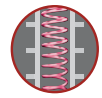
1 Factory default setting is jumper position 2 [high]

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.

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

DHC-E Trend & Plus



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[3]	$^{1}/_{2}''$ NPT						

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.

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

Mini™ & Mini™-E

MECHANICAL MODELS › Item no. THERMOSTATIC MODELS › Item no.	Mini™ 2-1 231045 Mini™-E 2-1 236011	Mini™ 2.5-1 232098 Mini™-E 2.5-1 236135	Mini™ 3-1 220816 Mini™-E 3-1 236010	Mini™-E 3-3 206427	Mini™ 3.5-1 232099 Mini™-E 3.5-1 236136	Mini™ 4-2 222039 Mini™-E 4-2 236009	Mini™-E 4-3 206428	Mini™ 6-2 220817 Mini™-E 6-2 236008	Mini™-E 6-3 206429
Phase - 50/60 Hz	1								
Voltage[1]	120 V	120 V	120 V	277 V	120 V	240 V or 208 V	277 V	240 V or 208 V	277 V
Wattage	1.8 kW	2.4 kW	3.0 kW	3.0 kW	3.5 kW	3.5 kW 2.6 kW	4.1 kW	5.7 kW 4.3 kW	5.5 kW
Amperage draw	15 A	20 A	25 A	11 A	29 A	15 A 13 A	15 A	24 A 21 A	20 A
Min. recommended circuit breaker size[2]	15 A (SP)	20 A (SP)	25 A (SP)	15 A (SP)	30 A (SP)	15 A (DP)	15 A (SP)	25 A (DP)	20 A (SP)
Min. recommended wire size[3] (copper)	14/2 AWG	12/2 AWG	10/2 AWG	14/2 AWG	10/2 AWG	14/2 AWG	14/2 AWG	10/2 AWG	12/2 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	0.30 GPM 1.15 l/min	0.30 GPM 1.15 l/min	0.48 GPM 1.8 l/min	0.30 GPM 1.15 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	1.0	0.99 / 0.99	0.99 / 1.0	1.0	0.99 / 1.0	1.0
Dimensions & **Weight**	**H** 6½″ / 165 mm x **W** 7½″ / 190 mm x **D** 3¼″ / 82 mm | 3.44 lb / 1.56 kg								
Water volume in unit	0.026 gal / 0.1 l								
Working pressure	150 psi / 10 BAR								
Tested to pressure	300 psi / 20 BAR								
Water connections[4]	⅜″ 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.

Mini™ 2-1, 2.5-1, 3-1 & Mini™-E 2-1, 3-1 ship with a 0.5 GPM pressure compensating flow-reducer/aerator that must be installed.

Mini™ 3.5-1, 4-2 & Mini™-E 4-2 ship with a 0.66 GPM pressure compensating flow-reducer/aerator that must be installed.

Mini™ 6-2 ships with a 1.0 GPM pressure compensating flow-reducer/aerator that must be installed.

Mini™-E 6-2 ships with two 0.5 GPM pressure compensating flow-reducer/aerators that must be installed, plus an additional 1.0 GPM pressure compensating flow-reducer/aerator for use if plumbed to 1 sink.

[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)															
Maximum permissible inlet temperature	86 °F (30 °C)															
Minimum pressure	30 psi (2 bar)															
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.

DHC-E Classic

STIEBEL ELTRON

17 West St., W Hatfield, MA 01088
800.582.8423 | 413.247.3380 | FAX 413.247.3369
info@stiebel-eltron-usa.com | www.stiebel-eltron-usa.com

Printed on chlorine-free paper using soy-based inks. *25-9.2024

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[1] (DP)		30/40 A	30/35 A	50 A	50 A
Min. recommended wire size[2] (copper)		10/2 / 8/2 AWG		8/2 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		**W** 7 1/8″ (20.0 cm) x **H** 14 3/16″ (36.0 cm) x **D** 4 1/8″ (11.0 cm)			
Working pressure		150 psi (10 bar)			
Tested to pressure		300 psi (20 bar)			
Water connections		½″ 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).

[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.

Mini™:
Conforms to UL Std. 499
Certified to CAN/CSA Std. E335-1, E335-2-35
DHC Classic:
Conforms to UL Std. 499
Certified to CSA Std. C22.2 No. 60335-1, 60335-2-35
Mini™-E / DHC Trend / DHC-E:
Conforms to UL Std. 499
Certified to CAN/CSA Std. C22.2 No. 64
Tempra®:
Conforms to UL Std. 499
Certified to CAN/CSA Std. C22.2 No. 88

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

ISO 9001 CERTIFIED

Tempra® Trend & Plus

Tempra® Model Item Number		12 Trend 239213 12 Plus 239219		15 Trend 239214 15 Plus 239220		20 Trend 239215 20 Plus 239221		24 Trend 239216 24 Plus 239222		29 Trend 239217 29 Plus 239223		36 Trend 239218 36 Plus 239225	
Phase		single 50/60 Hz		single[4] 50/60 Hz		single[4] 50/60 Hz		single[4] 50/60 Hz		single[4] 50/60 Hz		single[4] 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[1]		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[2] (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	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	82 °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	61 °F
	@ 4.50 GPM	-	-	-	-	29 °F	22 °F	37 °F	27 °F	44 °F	33 °F	55 °F	41 °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)											
Minimum pressure		30 psi (2 bar)											
Working pressure		150 psi (10 bar)											
Tested to pressure		300 psi (20 bar)											
Water connections		¾″ NPT											

[1] Depending on total electric load at the installation site, we recommend these minimums for main service: 100 A for Tempra 12 or 15 Trend/Plus; 125 A for Tempra 20 Trend/Plus; 150 A for Tempra 24 Trend/Plus; 200 A for Tempra 29 Trend/Plus; 300 A for Tempra 36 Trend/Plus

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

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