

STIEBEL ELTRON

Simply the Best

DEPEND ON IT !

Exclusive copper-clad
heating element



DHC Series

POINT-OF-USE

TANKLESS ELECTRIC WATER HEATERS

- UNLIMITED SUPPLY OF HOT WATER
- SLEEK DESIGN SAVES SPACE
- MAJOR ENERGY SAVINGS
- PROVEN RELIABILITY



TOLL FREE 800.582.8423

www.stiebel-eltron-usa.com

IDEAL FOR ALL POINT-OF-USE WATER HEATING APPLICATIONS !

STIEBEL ELTRON DHC tankless electric water heaters are the ideal choice for all point-of-use applications in the following settings:

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

The STIEBEL ELTRON DHC 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 elements are controlled by a flow switch. An exclusive scald-guard thermostat keeps the water temperature within safe limits at all times. Additionally, the DHC water heaters are equipped with a safety high-limit with manual reset. The rugged all copper design ensures many years of reliable service.

The models DHC 3-1, DHC 3-2 and DHC 4-2 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.

* Except in Massachusetts

Scald-guard thermostat

Heater

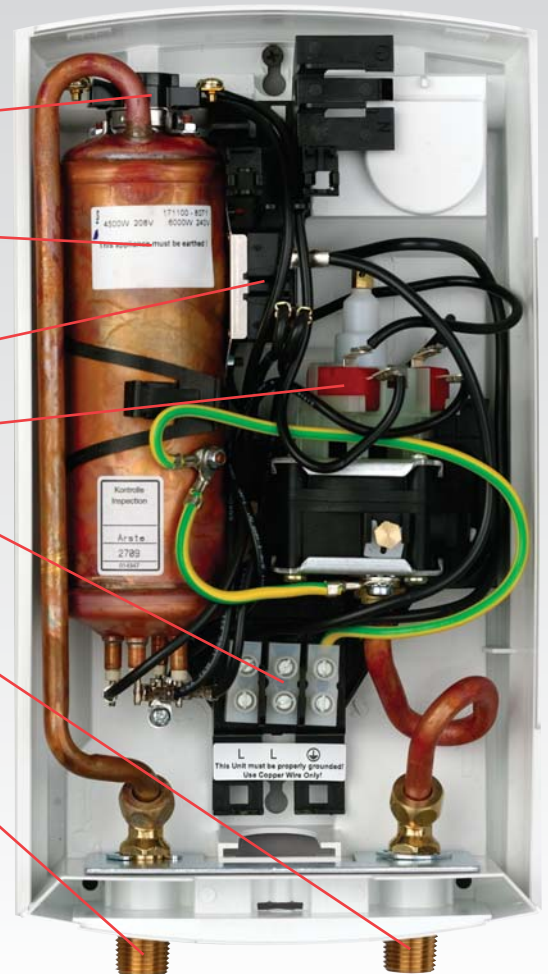
Safety thermal cut-out

Flow switch

Wiring block

Cold water connection

Hot water connection



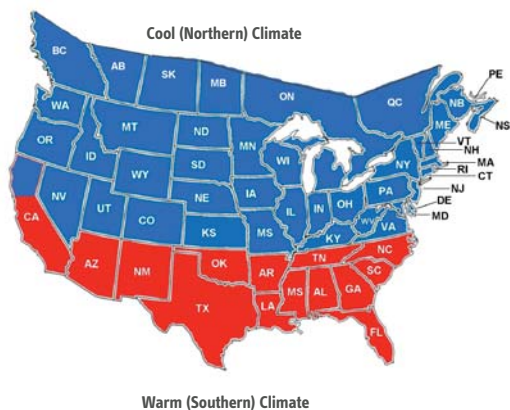
Engineer's Specifications: The tankless electric water heater shall be equipped with a copper sheathed heating element housed in a copper cylinder. The flow switch that operates the heating element shall be of the mechanical pressure differential type. The unit shall be equipped with a safety high-limit switch with manual reset. In addition, the unit shall be equipped with a separate self-resetting thermostat designed to keep the water temperature at the tap below 130°F. 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.





Tankless Electric Water Heater Sizing Guide

	Flow	GPM	DHC 3-1	DHC 3-2	DHC 4-2	DHC 4-3	DHC 5-2	DHC 6-2	DHC 8-2	DHC 10-2
Lav. Sink	Low	0.50	Red	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	Low	0.50	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	Low-Med	0.75	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	Low-Med	0.75	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	Med	1.00	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	Med	1.00	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	High	1.50	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Kitchen Sink	Low	1.00	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	Low	1.00	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	Med	1.50	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	Med	1.50	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
Utility Sink	1.50 - 2.00		Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	1.50 - 2.00		Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue



DHC
Depend On It!
 Featuring an exclusive copper clad heating element that provides superior reliability.



ISO 9001
CERTIFIED

DHC SERIES TANKLESS ELECTRIC WATER HEATERS

Technical Data

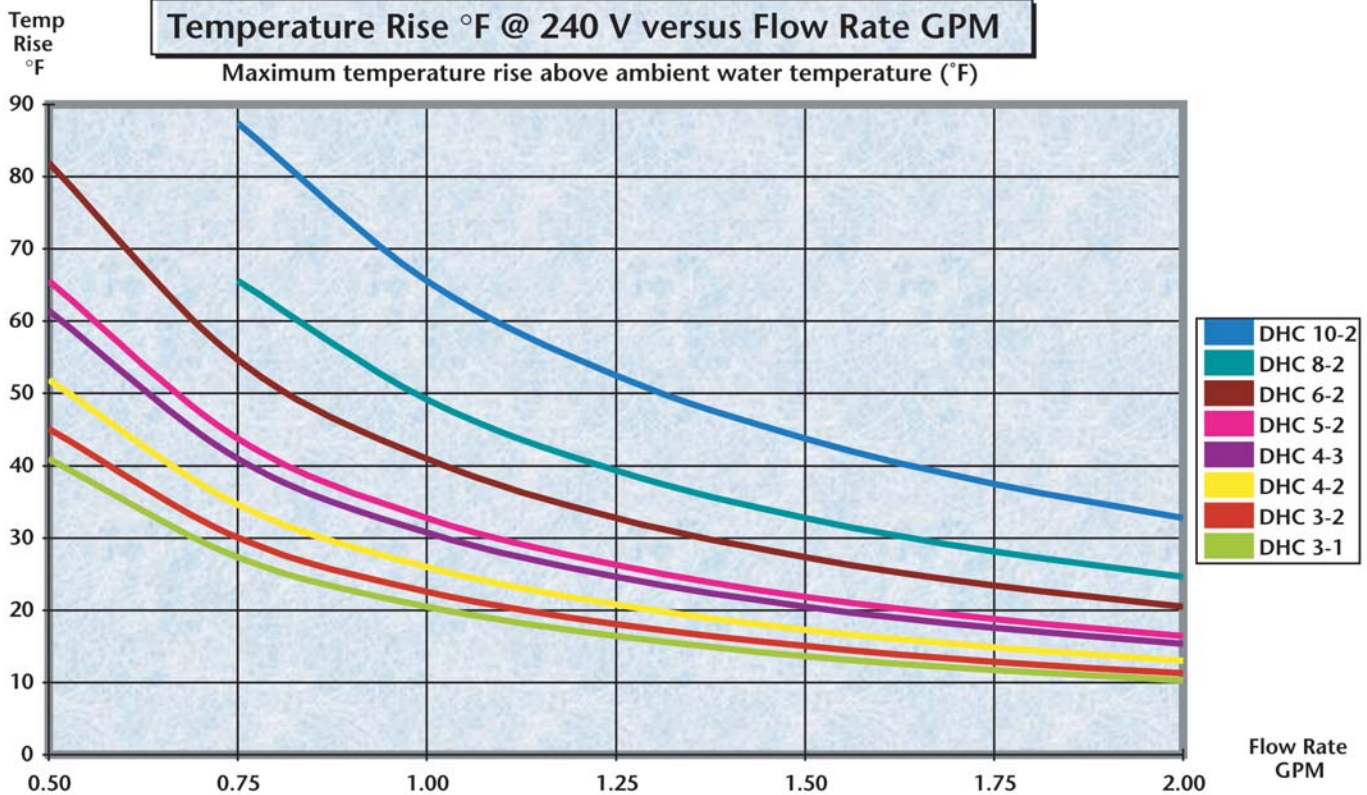


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CERTIFIED

STIEBEL ELTRON

Model		DHC 3-1		DHC 3-2		DHC 4-2		DHC 4-3		DHC 5-2		DHC 6-2		DHC 8-2		DHC 10-2	
Item Number		074050		074052		074053		074051		074054		074424		074055		074056	
Phase		1		1 1		1 1		1		1 1		1 1		1 1		1 1	
Voltage	V	120		208 240		208 240		277		208 240		208 240		208 240		208 240	
Wattage	KW	3.0		2.5 3.3		2.9 3.8		4.5		3.6 4.8		4.5 6.0		5.4 7.2		7.2 9.6	
Amperage	A	25		12 14		14 16		17		18 20		22 25		26 30		35 40	
Min. required circuit breaker size	A	30		15 20		20 20		20		30 30		30 30		40 40		40 50	
Recommended wire size	AWG COPPER	10		14 12		12 12		12		10 10		10 10		8 8		8 8	
Min. water flow to activate unit	GPM / Lmin	0.32 / 1.2		0.32 / 1.2		0.42 / 1.6		0.42 / 1.6		0.42 / 1.6		0.47 / 1.8		0.69 / 2.6		0.79 / 3.0	
Weight	lbs. / KG	4.6 / 2.1		5.3 / 2.4		5.3 / 2.4		4.6 / 2.1		4.6 / 2.1		4.6 / 2.1		5.3 / 2.4		5.3 / 2.4	
Dimensions (Height/Width/Depth)	in. / cm	14 3/16 (36.0) / 7 7/8 (20.0) / 4 1/8 (10.4)															
Nominal water volume	Gal / L	0.13 / 0.51															
Working pressure	PSI / bar	150 / 10															
Tested to pressure	PSI / bar	300 / 20															
Water connections		1/2" NPT															

* Suitable for supply with cold water * Tankless water heaters are considered a non-continuous load * Conductors should be sized to maintain a voltage drop of less than 3% under load



Limited Warranty (Excerpt): STIEBEL ELTRON, Inc. warrants to the original owner that the DHC Series Water Heater will be free from defects in workmanship and materials for a period of THREE YEARS from the date of purchase. Should any part(s) prove to be defective during this period, STIEBEL ELTRON, Inc. will be responsible for replacement of the defective part(s) only. STIEBEL ELTRON, Inc. is not responsible for labor charges.

Distributed by:

STIEBEL ELTRON

17 West Street
West Hatfield, MA 01088

TOLL FREE 800.582.8423

PHONE 413.247.3380

FAX 413.247.3369

info@stiebel-eltron-usa.com

www.stiebel-eltron-usa.com

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