

DHC-E Trend & Plus

Technical specifications

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	
Uniform Energy Factor (UEF) jumper position 1 [low] / 2 [high]	0.99 / 0.99	TBD / 0.98		0.98 / 0.96		0.96 / 0.97		
Recovery efficiency jumper position 1 [low] / 2 [high]	96% / 97%	TBD / 99%		96% / 98%		96% / 99%		
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	1/2'' NPT							
ELECTRICAL RESISTIVITY & CONDUCTIVITY ⁴								
Standard specification at	59°F (15°C)		68°F (20°C)			77°F (25°C)		
Minimum resistivity ρ ≥	1100 Ωcm		970 Ωcm			895 Ωcm		
Maximum conductivity σ ≤	91 mS/m	910 μS/cm	103 mS/m	1031 μS/cm	112 mS/m	1117 μS/cm		

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.

⁴ Do not connect to a salt-regenerated water softener or a water supply of salt water.

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



Conforms to UL Std. 499
Certified to CAN/CSA Std. C22.2 No. 64



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



Scroll for temp. rise charts. ↓

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Temperature rise vs. flow rate curves

