

CFEWH SERIES 6-13 | SPECIFICATIONS

All specifications, stated operational flow rates, and output water temperatures are valid within the range of water conductivity:
 > 80µS/cm to 1300µS/cm + 15% at 68°F (µS–microSiemens)
 > 1.25kΩ-cm to 7.7kΩ-cm + 15% at 68°F

NOTE: Water conductivity may be less than 80µS/cm. Reduce flow rate to achieve comfortable water temperature. Water conductivity greater than 1300µS/cm + 15% will generate an error condition. In this circumstance, the appliance will shut down safely without damage.

SINGLE PHASE — CFEWH SERIES 6				
		SINGLE INSTALLATION (1 UNIT)	TANDEM INSTALLATION (2 UNITS)	
ELECTRICAL CONNECTION				
Rated Power (kW)	13 kW		2 x 13 kW = 26 kW	
Voltage (VAC)	220 - 240VAC		220 - 240VAC	
Rated AMPS	59 - 54 AMPS		108 (2 x 54 A Hard Wired Circuits Required)	
Frequency (Hz)	50 / 60 Hz		50 / 60 Hz	
Electrical Connection	Live / Live / Ground		Live / Live / Ground	
Min. Recommended Circuit Breaker Size	55 AMPS		2 x 55 AMPS	
Min. Recommended Wire Size	6 AWG		2 x 6 AWG	
OPERATING PARAMETERS				
Switch-on Flow Rate	0.39 gal/min		0.39 gal/min	
System Type	Continuous Flow Electric Water Heater (CFEWH) Hot Water Market Segment — Electric Instantaneous/Tankless			
Max. Rated Operating Line Pressure	8 bar / 0.8 MPa / 116 Psi — Pressure limiting valve must be installed at inlet side of unit			
Min. Operating Pressure	1.5 bar / 0.15 Mpa / 22 Psi			
Dimensions	Height 11.62" x Width 8.29" x Depth 4.92" (without extension cover)			
Heating Method	Optimized Direct Energy Transfer — Full Digitally Controlled Water Heating			
Nominal Capacity (gallons)	0.1 gallons		2 x 0.1 gallons	
STANDARDS				
Electrical Safety	UL 499 Ed 14			
EMC	FCC			
IP Rating	IP25			
HOT WATER FLOW RATES (related to incoming water temperature which varies during summer and winter and set output temperatures)				
INCOMING WATER TEMPERATURE	OUT TEMP 104°F	OUT TEMP 122°F	OUT TEMP 104°F	OUT TEMP 122°F
50°F	1.61 gal/min	1.21 gal/min	3.22 gal/min	2.42 gal/min
59°F	1.93 gal/min	1.38 gal/min	3.86 gal/min	2.76 gal/min
68°F	2.42 gal/min	1.61 gal/min	4.84 gal/min	3.22 gal/min
77°F	3.23 gal/min	1.93 gal/min	6.46 gal/min	3.86 gal/min
86°F	4.84 gal/min	2.42 gal/min	9.68 gal/min	4.84 gal/min