

# Technical Data



C LISTED US  
For U.S. and Canada

**ISO 9001**  
CERTIFIED

**STIEBEL ELTRON**

Tempra® Model		12 / 12 Plus		15 / 15 Plus		20 / 20 Plus		24 / 24 Plus		29 Plus		36 Plus **	
Item Number		223420 / 224196		223421 / 224197		223422 / 224198		223424 / 224199		223425		223426	
Phase		single		2 x single		2 x single		2 x single		3 x single		3 x single	
Voltage	V	208	240	208	240	208	240	208	240	208	240	208	240
Wattage	kW	9	12	10.8	14.4	14.4	19.2	18	24	21.6	28.8	27	36
Amperage	A	44	50	2 x 26	2 x 30	2 x 35	2 x 40	2 x 44	2 x 50	3 x 35	3 x 40	3 x 44	3 x 50
Min. Required circuit breaker size	A	60	60	2 x 40	2 x 40	2 x 50	2 x 50	2 x 60	2 x 60	3 x 50	3 x 50	3 x 60	3 x 60
Recommended wire size	AWG COPPER	6	6	2 x 8	2 x 8	2 x 8	2 x 8	2 x 6	2 x 6	3 x 8	3 x 8	3 x 6	3 x 6
Maximum temperature increase above ambient water temp.	@ 1.50 GPM	41	54	49	65	66	88	82	92	92	92	92	92
	@ 2.25 GPM	27	36	37	43	44	58	54	73	66	87	82	92
	@ 3.00 GPM	20	27	25	33	33	44	41	54	49	66	61	82
	@ 4.50 GPM	-	-	-	-	22	29	27	37	33	44	41	55
Min. water flow to activate unit	GPM/lmin	0.37 / 1.4		0.58 / 2.2		0.58 / 2.2		0.58 / 2.2		0.87 / 3.3		0.87 / 3.3	
Weight	Lb / kg	13.2 / 6.1		15.4 / 7.3		15.4 / 7.3		15.4 / 7.3		17.6 / 8.6		17.6 / 8.6	
Nominal water volume	Gal	0.13 / 0.5		0.26 / 1.0		0.26 / 1.0		0.26 / 1.0		0.39 / 1.5		0.39 / 1.5	
Max. inlet temperature	F / C	131 / 55											
Width	inch / cm	16 5/8 (42.0)											
Height	inch / cm	14 1/2 (36.9)											
Depth	inch / cm	4 5/8 (11.7)											
Working pressure	PSI / BAR	150 / 10											
Tested to pressure	PSI / BAR	300 / 20											
Water connections		3/4" NPT											

\* Suitable for supply with up to 107°F / 42°C

\* Tankless water heaters are considered a non-continuous load

\* Conductors should be sized to maintain a voltage drop of less than 3% under load

\*\* Requires a 300A main service