

CNS-E Technical Specifications

Technical Data



Certified to ANSI/UL Std. 2021
Conforms to CAN/CSA Std. 22.2 No. 46



Model	CNS 100-1 E	CNS 150-1 E	CNS 100-2 E		CNS 150-2 E		CNS 200-2 E		CNS 240-2 E	
Item number	233586	233587	231543		231544		231545		231546	
Voltage	120 v	120 v	240 v or 208 v		240 v or 208 v		240 v or 208 v		240 v or 208 v	
Wattage	1000 w	1500 w	1000 w	750 w	1500 w	1125 w	2000 w	1500 w	2400 w	1800 w
Amperage	8.3 A	12.5 A	4.2 A	3.6 A	6.3 A	5.4 A	8.3 A	7.2 A	10.0 A	8.7 A
Btu/hr	3412	5118	3412	2559	5118	3839	6824	5118	8189	6142
Required circuit breaker size ¹	15 A	15 A	15 A		15 A		15 A		15 A	
Required wire size (copper)	14 AWG	14 AWG	14 AWG		14 AWG		14 AWG		14 AWG	
Temperature range	45 °F–86 °F (7 °C–30 °C)									
Frost protection setting	45 °F (7 °C)									
Height	17 3/4" (45.0 cm)									
Width	17 1/2" (44.5 cm)	23 1/4" (59.0 cm)	17 1/2" (44.5 cm)	23 1/4" (59.0 cm)	29 1/8" (74.0 cm)	35 1/16" (89.0 cm)				
Depth	3 15/16" (10 cm)									
Weight	9.7 lb (4.4 kg)	12.6 lb (5.7 kg)	9.7 lb (4.4 kg)	12.6 lb (5.7 kg)	15.0 lb (6.8 kg)	17.9 lb (8.1 kg)				
Equivalent Baseboard ²	4'	6'	4'	6'	8'	9.6'				
Room size estimate ³	100 sq.ft.	150 sq.ft.	100 sq.ft.	150 sq.ft.	200 sq.ft.	240 sq.ft.				

¹ This is our recommendation as the manufacturer. Check local codes for compliance if necessary.

² For comparison purposes only. Exact equivalent will depend on your climate. ³ Based on average insulation