

CNS-E Technical Specifications

Technical Data



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



Model	CNS 100-2 E		CNS 150-2 E		CNS 200-2 E		CNS 240-2 E		CNS 100-1 E	CNS 150-1 E
Item number	231543		231544		231545		231546		233586	233587
Voltage	240 v or 208 v		240 v or 208 v		240 v or 208 v		240 v or 208 v		120 v	120 v
Wattage	1000 w	750 w	1500 w	1125 w	2000 w	1500 w	2400 w	1800 w	1000 w	1500 w
Amperage	4.2 A	3.6 A	6.3 A	5.4 A	8.3 A	7.2 A	10.0 A	8.7 A	8.3 A	12.5 A
Btu/hr	3412	2559	5118	3839	6824	5118	8189	6142	3412	5118
Required circuit breaker size¹	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		29 1/8" / 74.0 cm		35 1/16" / 89.0 cm		17 1/2" / 44.5 cm	23 1/4" / 59.0 cm
Depth										
Weight	9.7 lb / 4.4 kg		12.6 lb / 5.7 kg		15.0 lb / 6.8 kg		17.9 lb / 8.1 kg		9.7 lb / 4.4 kg	12.6 lb / 5.7 kg
Equivalent Baseboard²	4'		6'		8'		9.6'		4'	6'
Room size estimate³	100 sq.ft.		150 sq.ft.		200 sq.ft.		240 sq.ft.		100 sq.ft.	150 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