Wall Heater W Series





Model Code:

W	12	10	-T2
A	B	C	D

A: Series
B: 12 - 120V 24 - 240V 20 - 208V
C: Watts (500 to 2000)
D: Thermostat (optional)

MADE IN USA

- Nichrome Open-Coil element
- C-Frame motor
- 4-Blade aluminum fan
- Patented Smart Limit Protection®
- 20 gauge powder-coated grill
- Standard color: white (Almond color optional)
- 20 gauge electro-galvanized steel recess can
- Wall can with QuickSet™ stud alignment tabs
- Dual wattage & available in 120, 208, 240 Volts
- 1-year limited warranty

SMART SLP LIMIT PROTECTION

c UL us LISTED

The "W" Wall Heater

The W Heater was designed to be the highest quality economy heater on the market. It is commonly used in apartment construction or as supplemental heat in single family homes. By combining an efficient impeller style fan with a NiChrome heating element, the W heater delivers instant heat in even the draftiest locations. For use with a wall thermostat or in-built thermostat. A powder-coated, surface mounted wall-can may be purchased separately. The wall can shall be 20 gauge electro-galvanized steel and contain knockouts through which power leads are brought. The wall can shall be able to mount directly to wall studs in new or existing construction. The wall can shall be provided with QuickSet™ stud alignment tabs, used for maintaining proper depth during new installation. The wall can shall be supplied with a factory installed ground wire. Clearance: 6" to a side wall, 4" from floor minimum. When the W series is installed in a WSC surface can it adds UL ratings for Wet Location Applications.

Ordering Information *Add suffix -W for White Grill or -A for Almond Grill

	BASE MODEL	VOLTS	WATTS	AMPS	SHIP WEIGHT lbs
	W1210	120	1000 or 500	8.3 or 4.2	8
120V	W1212	120	1200 or 600	5 or 2.5	8
	W1215	120	1500 or 750	12.5 or 6.3	8
	W2010	208	1000 or 500	4 or 2.4	8
208V	W2015	208	1500 or 750	7.2 or 3.6	8
	W2020	208	2000 or 1000	9.6 or 4.8	8
	W2410	240/208*	1000 or 500	4.1 or 2.1	8
	W2412	240/208*	1200 or 600	5 or 2.5	8
240V	W2415	240/208*	1500 or 750	6.25 or 3.1	8
	W2420	240/208*	2000 or 1000	8.3 or 4.2	8

*Dual rated heaters will draw 13% less amps and 25% less wattage when operated at 208V.

Factory Installed Options

ADD SUFFIX	DESCRIPTION	SHIP WEIGHT lbs
-W	White Color	8
-A	Almond Color	8
H	Heatbox Interior Only (No Can or Grill)	6
-T	Factory Installed Single Pole Thermostat Kit	8
-T2	Factory Installed Double Pole Thermostat Kit	8
-DS15	Factory Installed Double Pole Disconnect (10A/ 240V / 15A/120V)	8

NOTE: Not all configurations listed above are stock items (A+ or A stock code). Refer to price book for the Stock code. For non-stock items refer to the table below to order heater parts separately.

Order A'la Carte Follow steps 1, 2 and 3 below to order a heater from separate parts.

STEP 1: Order Heatbox Interior

ADD SUFFIX	DESCRIPTION	SHIP WEIGHT lbs
-I	Heatbox Interior and Grill	6
-H	Heatbox Interior	6

Wall Heater W Series

STEP 2: Order Wall Can

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
UIC	12640	Recess Wall Can	3.5
UICF	12540	Recess Can with Flange (remodel)	4
WSC	19202	Surface Can - White 13.5" L x 10" W x 4"H (Wet Location Rating)	4
WSC-A	19203	Surface Can - Almond 13.5" L x 10" W x 4"H (Wet Location Rating)	4

STEP 3: Order Grill (not required for -I models)

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
WG-W	11914	Grill - White	4
WG-A	12785	Grill - Almond	4
WOG	19200	10" W x 17" H Retrofit Grill	3
WOG-A	18605	10" W x 17" H Retrofit Grill - Almond	3
WOG-XL-W	18606	14" W x 13.5" H Retrofit Grill - White	3

NOTE: This is the quickest option when the factory installed heaters options are not in stock.

Accessories

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
TKIT-1BW	20654	Built-in Single Pole Single Throw Thermostat Kit, Bright White	0.5
TKIT-2BW	20655	Built-in Double Pole Single Throw Thermostat Kit, Bright White	0.5
TKIT-1A	11058	Built-in Single Pole Single Throw Thermostat Kit, Almond	0.5
TKIT-2A	11059	Built-in Double Pole Single Throw Thermostat Kit, Almond	0.5

Engineering Specifications

Contractor shall supply and install W Series in-wall mounted forced-air electric heaters manufactured by King Electrical Mfg. Company. Heaters shall be of the wattage and voltage as indicated on the plans.

Ratings: Wattages of 500 to 2,000 at 120, 208 or 240 Volts are available. Heaters shall provide air movement at 85 CFM.

Fan and Motor: Motor shall be shaded pole, permanently lubricated, C-frame type with impedance protection and sealed bearings. Motors shall be the same voltage as the heater. The motor and all wiring shall be totally isolated from the heating chamber for protection from heated air. The motor shall be equipped with a dynamically balanced four-blade aluminum impeller fan, located in the upper portion of the heat box, and shall provide a down-flow heating pattern.

Elements: Assemblies shall be constructed of coiled Nickel Chromium alloy, corrosion-resistant wire strung through a minimum of four rows of mica insulator. Element assemblies shall have factory provided connection to allow field modification to 50% wattage at time of installation.

Wet Location Rating: When the W series is installed in a WSC surface can it adds UL ratings for Wet Location Applications.

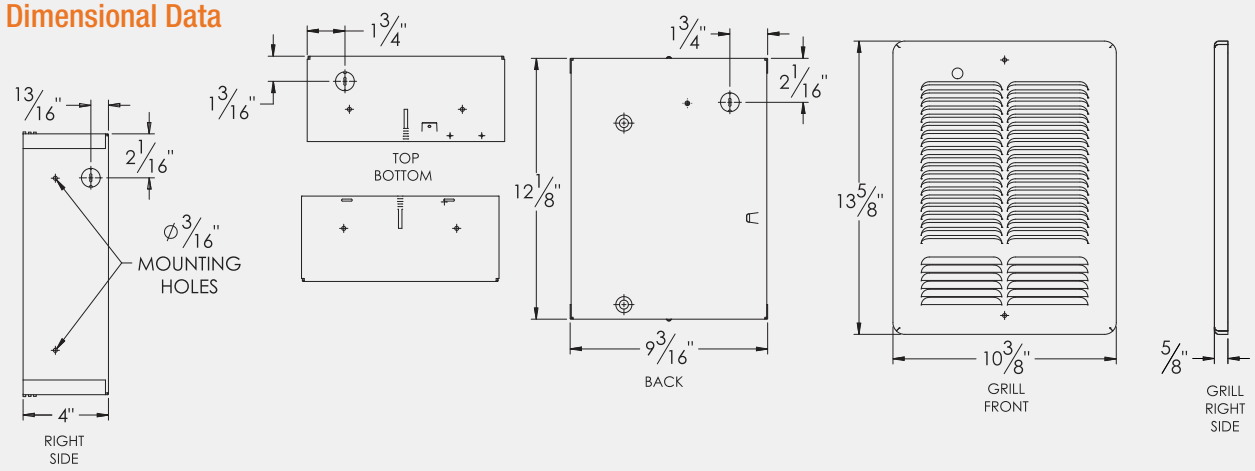
Smart Limit Thermal Protection: Turns off heater during any unsafe temperatures on inlet or outlet and will only reset if power is interrupted for 10 minutes. Simply turning thermostat down below set point will reset. Exclusive King design and patented for US and Canada under #6,748,163 B2 and #2,393,882

Wall Can with QuickSet™ stud alignment tabs: The wall can shall be 20 gauge electro-galvanized steel and contain knockouts through which power leads are brought. The wall can shall be able to mount directly to wall studs in new or existing construction. The wall can shall be provided with QuickSet™ stud alignment tabs, used for maintaining proper depth during new installation. The wall can shall be supplied with a factory installed ground wire. Clearance: 6" to a side wall, 4" from floor minimum.

Grill: The grill shall be a louvered, one-piece design with rounded edges on all four sides, with rounded corners to prevent snags from contact with other materials. The grill shall be epoxy powder- coated in the color specified by manufacturer.

Approvals: cULus (E41422)

Dimensional Data



=knockout location **MINIMUM CLEARANCE:** Zero clearance to insulation 4" above floor 6" from adjacent wall