

Wall Heater WHF Series



Model Code:

WHF	12	10	-A	-H	-I
A	B	C	D	E	F

A: Wall Heater
 B: 12 - 120V 24 - 240V
 20 - 208V
 C: Watts (500 to 2400)
 D: Color E: Interior Only
 F: Interior & Grille



- NiChrome Open-Coil Element
- Squirrel Cage Blower
- Whisper Quiet
- Patented Smart Limit Protection®
- 20 gauge powder-coated grill
- Standard color: bright white (Almond color optional)
- C-Frame Motor
- 20 gauge electro-galvanized steel recess can with
- Wall can with QuickSet™ stud alignment tabs
- Dual Wattage & available in 120, 208, or 240 Volts
- 3-year limited warranty



The WHF Wall Heater

The WHF heater offers extreme value by combining the rapid heat transfer of a NiChrome element with the performance of a squirrel cage blower. This makes for a relatively quiet heater without the added cost of a high mass element like the Pic-A-Watt®. It is commonly used as the first upgrade in apartment construction and is an excellent choice for bathrooms because of the instant heat from the wire element. 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 all, 4" from floor minimum.

Ordering Information *Add suffix -A for optional almond color

	MODEL	UPC	VOLTS	WATTS	AMPS	SHIP WEIGHT
120V	WHF1210	12012	120	500 • 1000	4.2-8.4	8 lbs
	WHF1212	12015	120	600 • 1200	5-10	8 lbs
	WHF1215	12018	120	750 • 1500	6.25-12.5	8 lbs
208V	WHF2010	12445	208	500 • 1000	2.4-4.8	8 lbs
	WHF2015	12447	208	750 • 1500	3.6-7.2	8 lbs
	WHF2020	12453	208	1000 • 2000	4.8-9.6	8 lbs
240V	WHF2410	12027	240	500 • 1000	2.1-4.2	8 lbs
	WHF2412	12215	240	600 • 1200	2.5-5	8 lbs
	WHF2415	12033	240	750 • 1500	3.1-6.2	8 lbs
	WHF2420	12036	240	1000 • 2000	4.2-8.4	8 lbs

Engineering Specifications

Contractor shall supply and install WHF 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: Heaters shall be available in wattages of 500 to 2,000 at 120, 208, or 240 Volts

Blower and Motor: A whisper quiet tangential blower, delivering 75 CFM, shall be driven by a shaded pole, permanently lubricated, C-frame type motor 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.

Thermal Overload: Heaters shall be equipped with King's patented thermal overload Smart Limit Protection®, which disconnects elements and motor in the event normal operating temperatures are exceeded. If thermal overload trips due to abnormal operating temperatures, thermal overload shall remain open until manually reset by turning the heater off for 15 minutes. Automatic reset of thermal overloads, which allow the element to continue to cycle under abnormal conditions, will not be accepted.

Elements: Element 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.

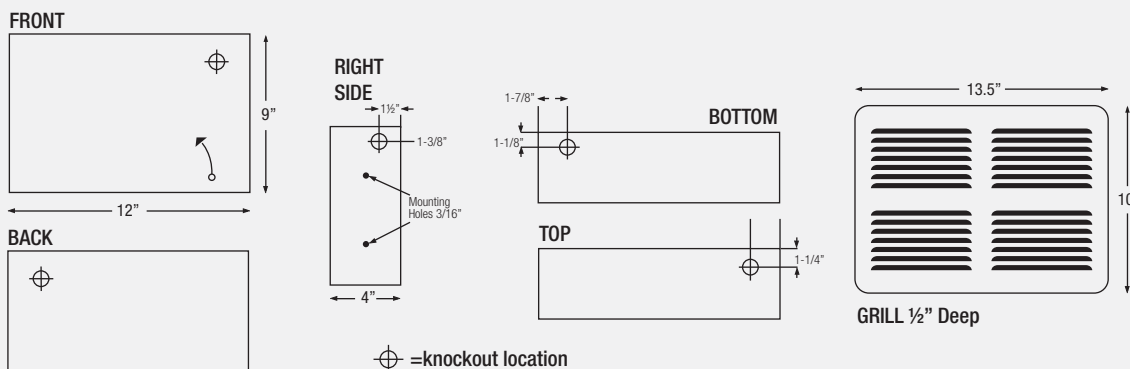
Wall Can: The wall can shall be 20 gauge electro-galvanized steel and shall contain knockouts. The wall can shall be provided with a depth gauge, extending the full length of the wall can. The wall can shall be supplied with a factory installed ground-wire. Minimum clearance 4" to floors and 6" to sidewalls. Zero clearance to combustibles material in the wall.

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 the manufacturer

Approvals: cULus (E41422)

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Dimensional Data



MINIMUM CLEARANCE: Zero clearance to insulation 4" above floor 6" from adjacent wall

Options

ADD SUFFIX	DESCRIPTION	WEIGHT lbs
-A	Almond Color	8.0
-H	Interior Only (no can or grill)	6.0
-I	Interior and Grill Only (no wall can)	6.0

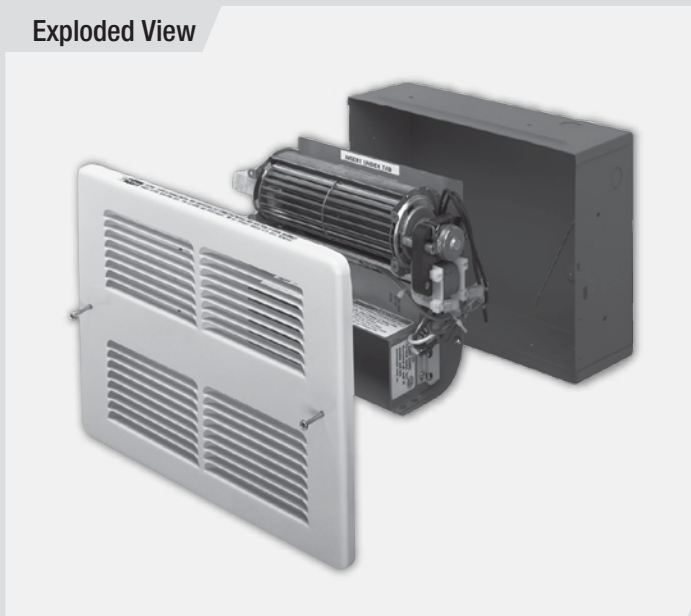
Accessories

MODEL	UPC	DESCRIPTION	WEIGHT lbs
UIC	12640	Recess Wall Can	3.5
UICF	12540	Recess Can with Flange (remodel)	4.0
WHSC	19204	Surface Can - White 13.5" H x 10.125" W x 4" D	4.0
WHSC-ALMOND	19205	Surface Can - Almond 13.5" H x 10.125" W x 4" D	4.0
WHFG	12520	Grill - White	2.0
WHFG-ALMOND	12530	Grill - Almond	2.5
WHFG17W13H	12523	Oversize Grill 13"H x 17"W	3.5
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-1	11058	Built-in Single Pole Single Throw Thermostat Kit, Almond	0.5
TKIT-2	11059	Built-in Double Pole Single Throw Thermostat Kit, Almond	0.5

WHSC



Exploded View



WHFG17W13H

