

Economy Large Wall Heater EFW Series



Model Code:

EFW	24	40	-A	-I	-T
A	B	C	D	E	F

A: Series

B: 12 - 120V 24 - 240V
20 - 208V

C: Watts (2000 to 4800)

D: Color

E: Interior & Grill

F: Thermostat (optional)



- NiChrome Open-Coil Element
- Cast Aluminum Motor
- 5-Blade Aluminum Fan
- Auto-Reset Safety Limit
Standard color: white
▪ (optional almond color available)
- 20 gauge powder-coated grill
- Available in 120, 208, 240 volts
- 1-year limited warranty



The EFW Wall Heater

The EFW heater is designed to be a very affordable, large wattage wall heater. It is commonly used in apartment construction to heat rooms up to 400 square feet, or where a remote thermostat is required on a 4000 Watt-style heater. The NiChrome open-coil element dissipates heat quickly. The 4-Pole cast aluminum unit bearing motor is permanently lubricated for years of trouble-free service. Intended to be used with wall mounted or built-in thermostat.

Ordering Information

	MODEL	UPC	VOLTS	WATTS	AMPS	SHIP WEIGHT lbs
120V	EFW1220	19400	120	2000	16.7	16
	EFW1230	19406	120	3000	25	16
	EFW2020	19410	208	2000	9.6	16
208V	EFW2030	19413	208	3000	14.4	16
	EFW2040	19416	208	4000	19.2	16
	EFW2420	19455	240/208	2000/1500	8.3/7.2	16
240V	EFW2430	19424	240/208	3000/2250	12.5/10.9	16
	EFW2440	19427	240/208	4000/3000	16.6/14.4	16

Engineering Specifications

Contractor shall supply and install EFW 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.

Motor: Heavy-duty cast aluminum 4 pole unit bearing, permanently lubricated with 10cc oil reservoir, 1440 RPM. Enclosed impedance protected with intake air cooling motor for increased bearing life.

Fan: High efficiency, dynamically balanced 5-blade aluminum fan. 185 CFM.

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.

Auto Reset Safety Limit: The thermal cutout turns off power to the heater in the event of overheating and automatically resets when temperature returns to normal.

Wall-box: 20 gauge electro-galvanized steel with factory installed ground-wire. Minimum 4" clearance to floors and 6" to sidewalls. Zero clearance to insulation in the wall. Recommended 10" clearance to floors and 16" to sidewalls.

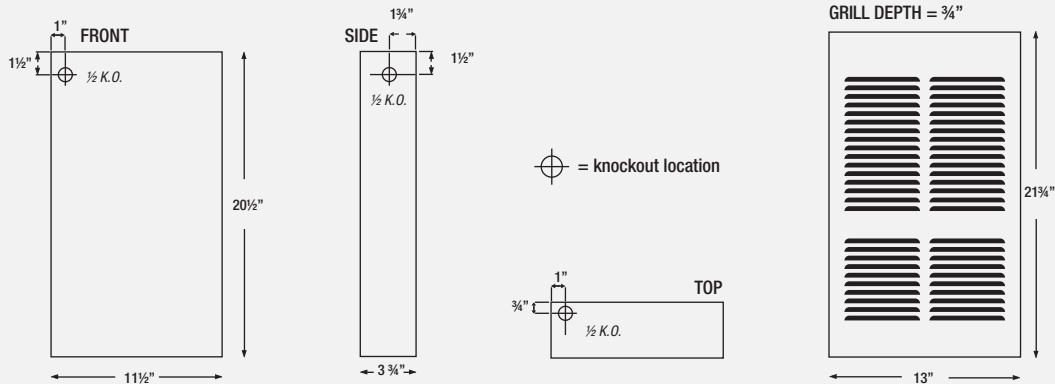
Grill: 20 gauge steel finished in a gloss white, powder-coated paint. Optional Almond color.

Options: 1-Pole or 2-Pole built-in thermostat 45-80°F operating range, retrofit grill, and surface wall-box.

Approvals: cCSAus

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Dimensional Data



Options

ADD SUFFIX	DESCRIPTION	WEIGHT lbs
-A	Almond Color	16
-I	Interior and Grill Only (no wall can)	14
-H	Interior Only (no wall can or grill)	11
-T	Factory Installed Single Pole Thermostat Kit	16
-T2	Factory Installed Double Pole Thermostat Kit	16

Accessories

MODEL	UPC	DESCRIPTION	WEIGHT lbs
UWIC	12590	Recess Wall Can	6.5
UWSA	12599	Surface Can - White	7.5
UWSA-A	12595	Surface Can - Almond	7.5
EFWG	19439	Grill - White	3.0
EFWG-A	19440	Grill - Almond	3.0
EFWOG	19442	21 3/4" H x 15 1/2" W Oversize Grill - White	4.0
EFWOG-A	19441	21 3/4" H x 15 1/2" W Oversize Grill - Almond	4.0
EFWOG-XL	19443	21 3/4" H x 16 1/2" W Oversize Grill	6.5
EFT-1	19445	Single Pole 22 Amp Thermostat Kit	0.5
EFT-2	19448	Double Pole 22 Amp Thermostat Kit	0.5
LPW-TPC	18174	Tamper-proof Cover for Controls 3 1/4" x 3 1/4" x 18 3/4"	1.5

EFT-1



UWSA



MINIMUM CLEARANCE

Zero clearance to insulation
10" above floor, 6" from
adjacent wall

Exploded View



EFWOG

