

# 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
<b>120V</b>	EFW1220	19400	120	2000	16.7	16
	EFW1230	19406	120	3000	25	16
	EFW2020	19410	208	2000	9.6	16
<b>208V</b>	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
<b>240V</b>	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.

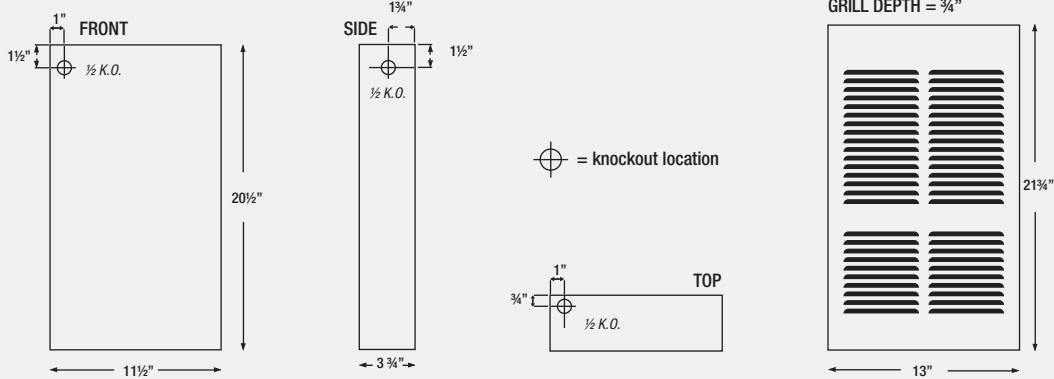
**Grill:** 20 gauge steel finished in a gloss white, powder-coated paint. Optional Almond color.

**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



EFWOG



## Exploded View

