

# Economy Multi-Watt Wall Heater EFW-MW Series



### Model Code:

EFW-MW	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)



- New Multi-Wattage design
- NiChrome Open-Coil Element
- Cast Aluminum Motor
- 5-Blade Aluminum Fan
- Auto-Reset Safety Limit
- Standard color: white Optional: almond
- 20 gauge powder-coated grill
- Available in 120, 208, 240 volts
- 1-year limited warranty



## The New EFW-MW Multi-Watt Wall Heater

The EFW-MW 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 and offers multiple wattage options, tailoring the heater to a room's specific heating requirements. 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	EFW1230-MW-W	67080	120	2000•3000	16.6/25	16
208V	EFW2040-MW-W	67081	208	2000•3000•4000	9.6/14.4/19.2	16
240V	EFW2440-MW-W	67082	240/208*	2000•3000•4000	8.3/12.5/16.6	16
	EFW2440-MW-T-W	67085	240/208*	2000•3000•4000	8.3/12.5/16.6	16

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

### Engineering Specifications

*Contractor shall supply and install EFW-MW 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.

**Multi-Wattage 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 select from available wattages.

**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.

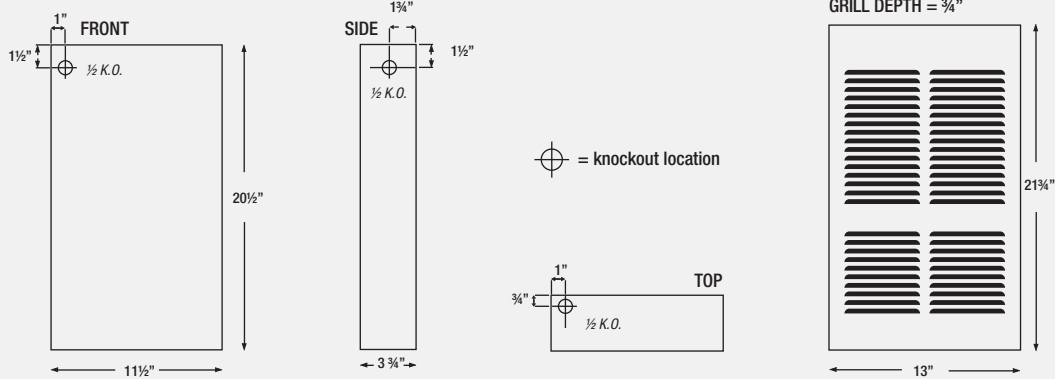
**Grill:** 20 gauge steel finished in a gloss white, powder-coated paint. Optional Almond color.

**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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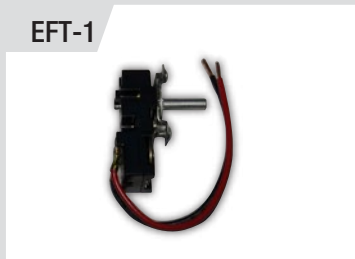
## Dimensional Data



## Heater Components (Sold Separately)

MODEL	UPC	DESCRIPTION	WEIGHT lbs
EFW1230-MW-HRC	67086	Economy Multi-Watt Wall Heater Interior & Wall Can Only 120V 3000W - White	13
EFW2040-MW-HRC	67087	Economy Multi-Watt Wall Heater Interior & Wall Can Only 208V 4000W - White	13
EFW2440-MW-HRC	67088	Economy Multi-Watt Wall Heater Interior & Wall Can Only 240V 4000W - White	13
EFWG-W	19439	Grill - White	3.0
EFWG-A	19440	Grill - Almond	3.0
EFWOG-W	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-W	19443	21 3/4" H x 16 1/2" W Oversize Grill	6.5
UWIC	12590	Recess Wall Can	6.5
UWSA	12599	Surface Can - White	7.5
UWSA-A	12595	Surface Can - Almond	7.5
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

