

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 rooms' 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.

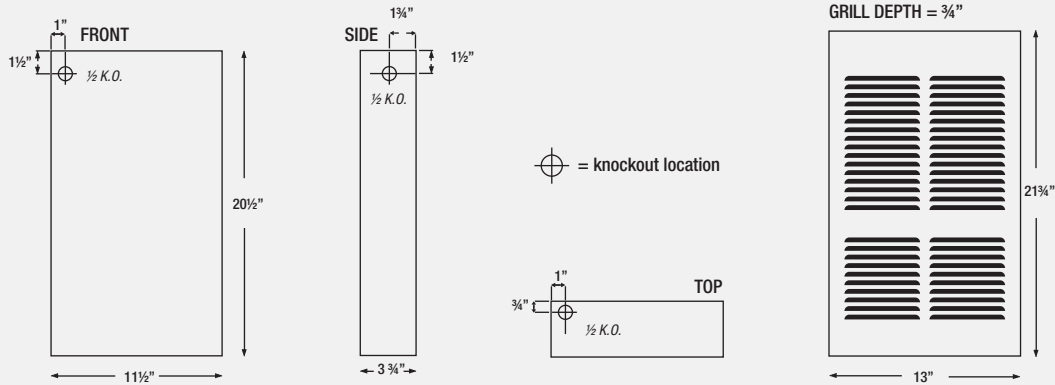
Grill: 20 gauge steel finished in a gloss white, powder-coated paint. Optional Almond color.

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 3 3/4" Deep | 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-TP | 19480 | Tamper-proof Integral Stat Kit | 0.5 |

EFT-1



UWSA



MINIMUM CLEARANCE

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



EFWOG



Exploded View

