# 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
- Patented Smart Limit Protection®
- Standard color: white Optional: almond
- 20 gauge powder-coated grill
- Available in 120, 208, 240 volts
- 1-year limited warranty

MADE IN USA
With U.S. & Global Materials

## 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 *Add suffix -W for White Grill or -A for Almond Grill

| | MODEL | VOLTS | WATTS | AMPS | SHIP WEIGHT lbs |
|---|---|---|---|---|---|
| *120V* | EFW1230-MW | 120 | 500•1000•2380•2880 | 16.6/25 | 16.0 |
| *208V* | EFW2040-MW | 208 | 2000•3000•4000 | 9.6/14.4/19.2 | 16.0 |
| *240V* | EFW2440-MW | 240/208* | 2000•3000•4000 | 8.3/12.5/16.6 | 16.0 |
| | EFW2440-MW-T | 240/208* | 2000•3000•4000 | 8.3/12.5/16.6 | 16.0 |

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

### Factory Installed Options

| ADD SUFFIX | DESCRIPTION | SHIP WEIGHT lbs |
|---|---|---|
| -W | White Color | |
| -A | Almond Color | |
| -HRC | Heatbox Interior & Recessed Wall Can | 13.0 |

**NOTE:** Not all configurations listed above are stock items (A+ or A stock code). Refer to price book for the Stock code. For non-stock items refer to the table below to order heater parts separately.

### Order A'la Carte **To build your own "Complete" with designer grill options (not noted above) select HRC model of proper voltage and EFWG grill model of proper color.

***STEP 1:*** Order Heatbox Interior and Recessed Wall Can

| ADD SUFFIX | UPC | DESCRIPTION | SHIP WEIGHT lbs |
|---|---|---|---|
| EFW1230-MW-HRC | 67086 | EFW Heatbox Interior & Recessed Wall Can Only 120V 2880W | 13.0 |
| EFW2040-MW-HRC | 67087 | EFW Heatbox Interior & Recessed Wall Can Only 208V 4000W | 13.0 |
| EFW2440-MW-HRC | 67088 | EFW Heatbox Interior & Recessed Wall Can Only 240V 4000W | 13.0 |

***STEP 2:*** Order Grill

| MODEL | UPC | DESCRIPTION | SHIP WEIGHT lbs |
|---|---|---|---|
| EFWG-W | 19439 | Grill - White | 3.0 |
| EFWG-A | 19440 | Grill - Almond | 3.0 |
| EFWOG-W | 19442 | 21¾" H x 15½" W Oversize Grill - White | 4.0 |
| EFWOG-A | 19441 | 21¾" H x 15½" W Oversize Grill - Almond | 4.0 |
| EFWOG-XL-W | 19443 | 21¾" H x 16½" W Oversize Grill | 6.5 |

# Multi-Watt Wall Heater EFW-MW Series

## Accessories

| MODEL | UPC | DESCRIPTION | SHIP WEIGHT lbs |
|---|---|---|---|
| UWIC | 12590 | Recessed Wall Can | 6.5 |
| UWSA | 12599 | Surface Can - White 3¾" Deep | 7.5 |
| UWSA-A | 12595 | Surface Can - Almond | 7.5 |
| EFT-1 | 19445 | Single Pole 25 Amp Thermostat Kit | 0.5 |
| EFT-2 | 19448 | Double Pole 25 Amp Thermostat Kit | 0.5 |
| LPW-TPC | 18174 | Tamper-proof Cover for Controls 3¼" x 3¼" x 18¾" | 1.5 |
| EFT-1-TP | 19480 | Single Pole Tamper-proof Integral Stat Kit | 0.5 |
| EFT-2-TP | 19481 | Double Pole amper-proof Integral Stat Kit | 0.5 |

## 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.

**Heating Low Density Elements:** Element assemblies shall be constructed of coiled Nickel Chromium alloy, corrosion-resistant wire strung through a minimum of four rows of mica insulator.

**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.

**Wall Can:** 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

## Dimensional Data

