Multi-Watt Wall Heater EFW-MW Series





Model Code:

EFW-MW	24	40	-MW	-T	-BW
A	B	C	D	E	F

A: Series
B: 12 - 120V 20 - 208V 24 - 240V
C: Watts 30 = 500 to 2880
40 = 2000 to 4000
D: MW: Multi-Watt
E: Thermostat (optional)
F: Grill Color: BW = Bright White or -A = Almond

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MADE IN USA
With U.S. & Global Materials

- New multi-wattage design
- NiChrome open-coil element
- Cast aluminum motor
- 5-Blade aluminum fan
- Patented Smart Limit Protection®
- Standard color: bright white Optional: almond
- 20 gauge powder-coated grill
- Available in 120, 208, 240 volts
- 2-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

*Add suffix -BW for Bright White Grill or -AL 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
-BW	Bright White Color	
-AL	Almond Color	
-HRC	Heatbox Interior & Recessed Wall Can Only	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-BW	19439	Grill - Bright White	3.0
EFWG-AL	19440	Grill - Almond	3.0
EFWOG-BW	19442	21¾" H x 15½" W Oversize Grill - Bright White	4.0
EFWOG-AL	19441	21¾" H x 15½" W Oversize Grill - Almond	4.0
EFWOG-XL-BW	19443	21¾" H x 16½" W Oversize Grill-Bright White	6.5

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Accessories

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
UWIC	12590	Recessed Wall Can	6.5
EFW-SC-BW	12599	Surface Can - Bright White 3¾" Deep	7.5
EFW-SC-AL	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
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
EFW-TPC	70566	Tamper-proof Cover for Controls 3-1/4 x 3-1/4 x 18-3/4 Inch	1.5

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 bright 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

