

# SafeTouch Wall Heater EFW-LD Series



**SafeTouch™**

**Model Code:**

EFW	12	0	-LD	-W
A	B	C	D	E

- A: Series
- B: 12 - 120V 24 - 240V  
20 - 208V
- C: Watts 10-1000W  
12-1200W
- D: Low Density Design
- E: Color White



- Low Density heat output
- Max Surface temp 120F
- 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



## The New EFW-LD Low Density Wall Heater

The EFW-LD heater was designed specifically for for Daycare Centers, Memory Care Centers, or any facility that has high risk occupants, where temperatures should not exceed 120 degrees. These facilities can benefit from replacing high density heaters, especially where required by code to keep their patients safe. Heaters can be ganged together to work on one thermostat if higher output is required.

### Ordering Information

MODEL	VOLTS	WATTS	AMPS	MAX SURFACE TEMP	SHIP WEIGHT lbs
EFW1210-LD-W	120	1000	8.3	120°F	16.0
EFW2012-LD-W	208	1200	5.7	120°F	16.0
EFW2412-LD-W	240/208*	1200	4.9/4.3*	120°F	16.0

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

### Accessories

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
UWIC	12590	Recessed Wall Can	6.5
UWSA	12599	Surface Can - White 3¾" Deep	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-LD 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.

**Surface Temperature:** Not to exceed 120°F based on 77°F ambient.

**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-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

