

# Wall Heater PAW Ultra Series



**Pic-A-Watt**  
Steel Fin Element



### Model Code:

PAW	12	15	-U
A	B	C	D

A: Wall Heater  
B: 12 - 120V 24 - 240V  
20 - 208V 27 - 277V  
C: Watts (250 to 2250)  
D: ULTRA Grill



- Ultra Grill
- Patented Smart Limit Protection®
- Standard color: white (optional almond color available)
- Pic-A-Watt® Element
- Whisper Quiet
- Multiple wattages 250-2250
- 120, 208, 240, 277 Volts
- Squirrel Cage Blower
- C-Frame Motor
- 16 gauge powder-coated grill
- 5 Year Warranty

## The PAW Ultra Series

**Make a bold statement with the PAW ULTRA series heater.** Adding modern sophistication to our original Pic-A-Watt multi-watt steel fin heater with its sleek modern grill design, the ULTRA is ideal for upscale condominiums and luxury residences. King's exclusive Pic-A-Watt steel fin element allows customers to select from a range of wattage options, tailoring the heater to an area's specific heating requirements. Perfect for large living areas yet whisper quiet enough for bedrooms. The premium combination of an efficient high-mass steel element and whisper quiet squirrel cage blower, offers top of the class performance and years of trouble-free operation. PAW comes with five year warranty and 20+ year history of reliability. For use with an electronic line voltage wall thermostat.

### Ordering Information

MODEL	UPC	VOLTS	WATTS	AMPS	SHIP WEIGHT lbs
PAW1215-U	18700	120	250•500•750•1000•1250•1500	2.1-12.5	9.5
PAW2022-U	18710	208	500•750•1000•1250•1500•1750•2250	2.4-10.8	9.5
PAW2422-U	18720	240	500•750•1000•1250•1500•1750•2250	2.1-9.4	9.5
PAW2720-U	22241	277	1000•2000	3.6-7.2	9.5

\*See PAW Series page for dimensional data

## Engineering Specifications

*Contractor shall supply and install PAW Ultra Series in-wall forced-air electric heaters manufactured by King Electrical Mfg. Company, of the wattage and voltage as indicated on the plans.*

**Ratings:** Heaters shall be available in wattages of 250 to 2,250 at 120, 208, 240, or 277 Volts.

**Blower and Motor:** A whisper quiet tangential blower, delivering 75 CFM, shall be driven by a shaded pole, permanently lubricated, C-frame type motor with impedance protection and sealed bearings. Motors shall be the same voltage as the heater.

**Elements:** Element assemblies shall consist of three steel sheathed heating tubes in a furnace-brazed, plate-finned, block design. Each sheathed tube shall contain coiled Ni-Chrome wire embedded in an insulator of Magnesium Oxide. The element assembly shall provide up to seven (7) possible wattage configurations available for selection during field installation. The use of external resistors, diodes, or other weak links to obtain multiple wattages will not be acceptable.

**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. Automatic reset of thermal overloads, which allow the element to continue to cycle under abnormal conditions, will not be accepted.

**Grill:** The grill shall be a louvered with multiple linear steel bars secured to a steel back plate, with rounded sides to prevent snags with other materials. The grill shall be epoxy power-coated in white or almond.

**Wall Can:** The wall can shall be 20 gauge electro-galvanized steel and shall contain a minimum of three (3) knockouts. The wall can shall have a depth gauge indicator, and a factory installed, insulated and stranded copper ground-wire. Minimum 4" clearance to floors and 6" sidewalls. Zero clearance to combustibles in the wall.

**Approvals:** cULus (E41422)