Wall Heater PAW Series

king
Pic-A-Watt
Steel Fin Element

Model Code:

PAW	12	15	-I	-BW
A	B	C	D	E

A: Series
B: 12 - 120V 24 - 240V
20 - 208V 27 - 277V
C: Watts (250 to 2250)
D: Interior & Grill Only
E: Grill Color

Pic-A-Watt
Steel Fin Element

c UL us LISTED
SMART SLP LIMIT PROTECTION

- Pic-A-Watt® element
- Squirrel cage blower
- C-Frame motor
- Patented Smart Limit Protection®
- Whisper quiet
- Multiple wattages 250-2250
- 20 gauge powder-coated grill
- Wall can with QuickSet™ stud alignment tabs
- Standard color: bright white
- 120, 208, 240, or 277 volts
- 5 Year warranty

MADE IN USA
With U.S. & Global Materials

The PAW Series

The Original Multi-Watt steel fin heater and our most popular heater for single family residences and upscale condominiums. 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 best results use with an electronic line voltage wall thermostat. Also available is a built-in thermostat kit. The wall can shall be 20 gauge electro-galvanized steel and contain knockouts through which power leads are brought. The wall can shall be able to mount directly to wall studs in new or existing construction. The wall can shall be provided with QuickSet™ stud alignment tabs, used for maintaining proper depth during new installation. The wall can shall be supplied with a factory installed ground wire. Clearance: 6" to a side all, 4" from floor minimum.

Ordering Information

*Add suffix -BW for White Grill, -AL for Almond Grill, -SS for Stainless Steel Grill

BASE MODEL	VOLTS	WATTS	AMPS	SHIP WEIGHT lbs
PAW1215	120	250 • 500 • 750 • 1000 • 1250 • 1500	2.1 - 12.5	9.5
PAW2022	208	500•750•1000•1250•1500•1750•2250	2.4 - 10.8	9.5
PAW2422	240/208*	500•750•1000•1250•1500•1750•2250	2.1 - 9.4	9.5
PAW2720	277	1000•2000	3.6 - 7.2	9.5

*Dual rated heaters will draw 13% less amps and 25% less wattage when operated at 208V.
**Above models include PAWIC recessed can

Factory Installed Options

ADD SUFFIX	DESCRIPTION	SHIP WEIGHT lbs
-BW	Bright White Color	
-H	Interior Only (no can or grill)	7.5
-I	Interior and Grill Only (no wall can)	7.5

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

Follow steps 1, 2 and 3 below to order a heater from separate parts.

STEP 1: Order Heatbox Interior

ADD SUFFIX	DESCRIPTION	SHIP WEIGHT lbs
-I	Heatbox Interior and Grill	7
-H	Heatbox Interior	7

STEP 2: Order Wall Can

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
PAWIC	00515	Recess Wall Can	2.5
PAWIC-RF	14033	Recess Wall Can - Right Hand Feed	2.5
PAWF	16319	Recess Can with Flange - (remodel)	2.0
PAWS-BW	16305	Surface Can - Bright White - 13.5" L x 4.5" W x 7.5" H (Zero Clearance to Floor)	5.5
PAWS-AL	19298	Surface Can - Almond - 13.5" L x 4.5" W x 7.5" H (Zero Clearance to Floor)	5.5
PAWF-SS	16318	Marine Recess Can with Flange - Stainless Steel (remodel)	2.0
PAWS-SS	16317	Surface Can - Stainless Steel - 13.5" L x 4.5" W x 7.5" H (Zero Clearance to Floor)	5.5

STEP 3: Order Grill (not required for -I models)

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
PAWG-BW	16304	Grill - Bright White	1.0
PAWG-AL	16335	Grill - Almond	1.0
PAWG-SB	16355	Grill - Satin Black	1.0
PAWG-SS	16330	Grill - Stainless Steel	1.0
PAWOG-A-BW	00555	13" H x 13.5" W x 0.5" D Retrofit Grill - Bright White (Size -A)	3.0
PAWOG-B-BW	00560	8.5" H x 17" W x 0.5" D Retrofit Grill - Bright White (Size -B)	3.0
PAWOG-A-AL	00000	13" H x 13.5" W x 0.5" D Retrofit Grill - Almond (Size -A)	3.0
PAWOG-B-AL	00562	8.5" H x 17" W x 0.5" D Retrofit Grill - Almond (Size -B)	3.0

NOTE: This is the quickest option when the factory installed heaters options are not in stock.

Accessories

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
TKIT-1-W	20654	Built-in Single Pole Single Throw Thermostat Kit, White	0.5
TKIT-2-W	20655	Built-in Double Pole Single Throw Thermostat Kit, White	0.5
TKIT-1-B	17346	Built-in Single Pole Single Throw Thermostat Kit, Black	0.5
TKIT-2-B	17347	Built-in Double Pole Single Throw Thermostat Kit, Black	0.5
TKIT-1-A	20613	Built-in Single Pole Single Throw Thermostat Kit, Almond	0.5
TKIT-2-A	20614	Built-in Double Pole Single Throw Thermostat Kit, Almond	0.5
TKIT-1-TP	11056	Built-in Tamper Proof Single Pole Single Throw Thermostat Kit	0.4
TKIT-2-TP	11057	Built-in Tamper Proof Double Pole Single Throw Thermostat Kit	0.4
DS15	13824	Disconnect Switch, Field Installed Kit (10A/ 240V / 15A/120V)	0.5

Engineering Specifications

Contractor shall supply and install PAW 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, one-piece design with rounded edges on all four sides, with rounded corners to prevent snags from contact with other materials. The grill shall be epoxy powder-coated in white or almond.

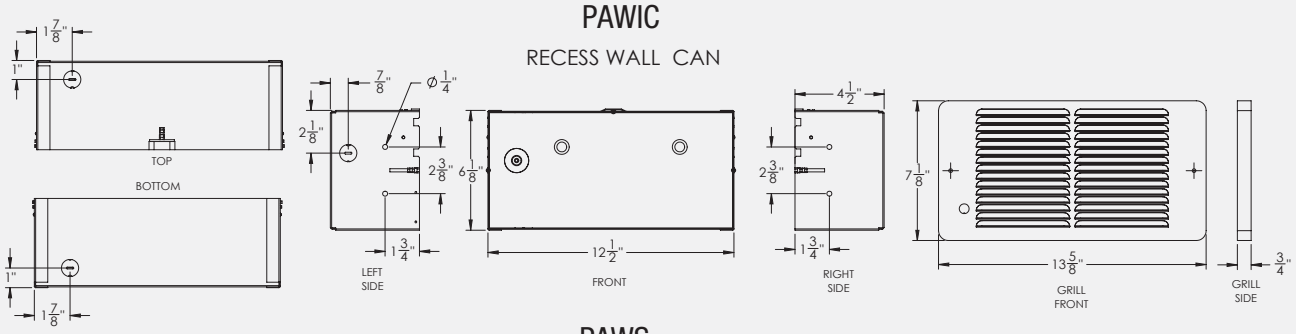
Wall Can: The wall can shall be 20 gauge electro-galvanized steel and shall contain a minimum of three (3) knockouts. The wall can shall have a depth gauge indicator, and a factory installed, insulated and stranded copper ground-wire. Minimum 4"clearance to floors and 6"sidewalls. Zero clearance to insulation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

Approvals: cULus (E41422)

Dimensional Data

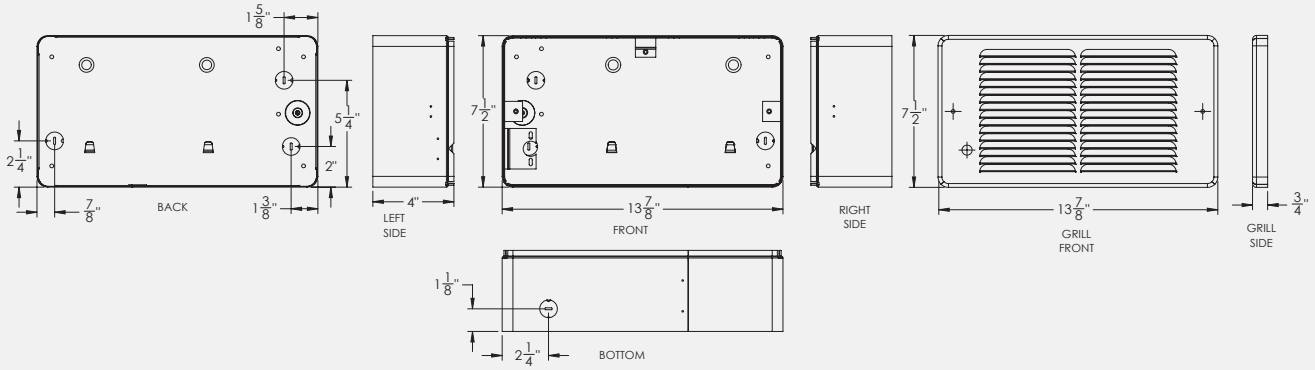
PAWIC

RECESS WALL CAN



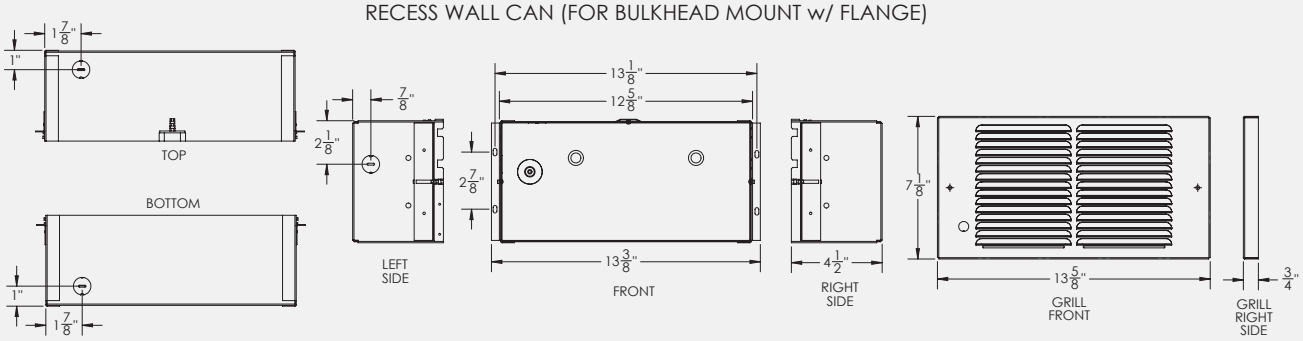
PAWS

SURFACE WALL CAN (ZERO CLEARANCE TO FLOOR)



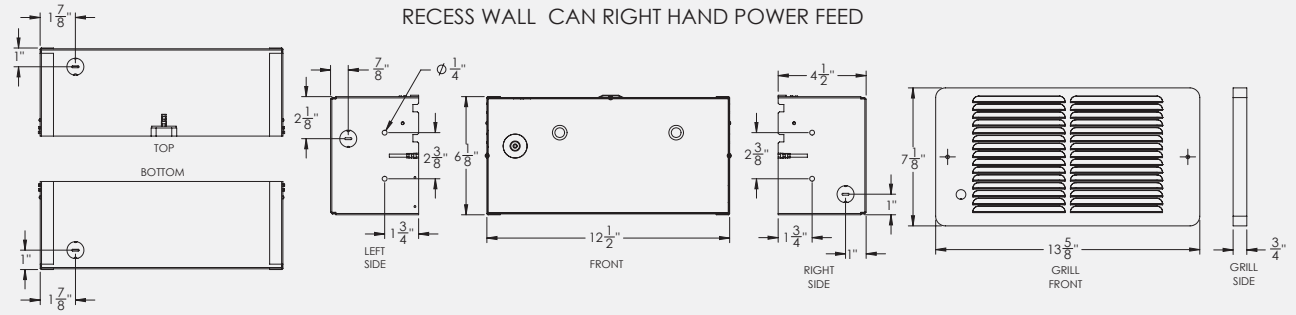
PAWF

RECESS WALL CAN (FOR BULKHEAD MOUNT w/ FLANGE)



PAWIC-RF

RECESS WALL CAN RIGHT HAND POWER FEED



Options & Accessories

Exploded view

MINIMUM CLEARANCE

Zero clearance to insulation 4" above floor 6" from adjacent wall

PAWS Surface Wall Enclosure

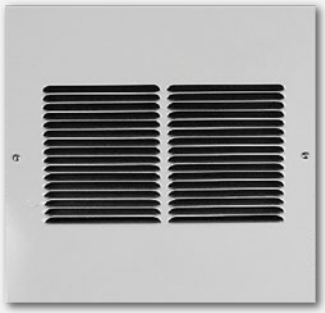
Zero clearance to floor

13.5" L x 4.5" W x 7.5" H

PAWG-SS Stainless Steel

7.125" H x 13.625" W

PAWOG-A Oversize Grill

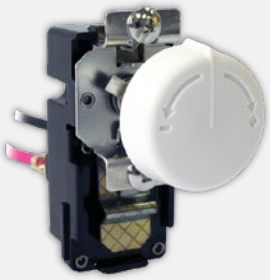


13" H x 13.5" W

PAWOG-B Oversize Grill

8.5" H x 17" W

TKIT Thermostat For Wall Heaters



DS15 Double Pole Diconnect