king

Smart Heating Solutions

MADE IN USA
With U.S. & Global Materials

SUBMITTAL SHEET

Job Name: _____ Submitted By: Date:

Location: _____ _____ _____

Architect: _____ _____ _____

Engineer: _____ Approved By: Date:

Contractor: _____ _____ _____

Submitted By: _____ _____ _____

King Contact: _____ _____ _____

Quotes@king-electric.com

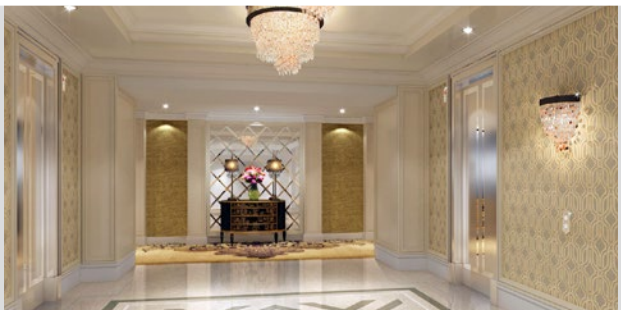
Date: _____

Tag	Qty	Item Number	Watts	Volts	PH	Amps	Weight

Accessories

Tag	Qty	Item Number

Architectural Heater KAWH Series



Model Code:

KAWH	20	20	1	BW	TAV
A	B	C	D	E	F

A: Series
B: 12 - 120V 20 - 208V
24 - 240/208V
27 - 277V 48 - 480V
C: Watts (1125 to 8000)
D: 1 - 1Phase 3 - 3Phase
E: Grill Color
F: TAV-Built-In tamper proof stat
G: Mounting Box (Optional)

- Tubular finned element
- Fully enclosed, factory-lubricated motor
- SureStop™ auto reset limit protection
- Bottom air outlet
- Extruded aluminum grill
- Standard color: white
- 10" minimum clearance
- 160 CFM fan (size A)
- 120, 208, 240/208, 277 or 480 Volts
- Built-in tamperproof thermostat
- Standard 140°F wiring
- 3-year limited warranty

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The Architectural Heater

The KAWH provides heavy duty elegance. in an architectural heater. Designed to provide quick heat in areas affected by cold drafts. Its corrosion-resistant aluminum front is offered in several colors to blend in with any décor. Includes a built-in tamperproof thermostat, making it ideal for high-traffic areas. Powered by a fully-enclosed lubricated motor, the fan blows warm air downward to create increase air circulation. Excellent for use in apartment complexes, commercial buildings, entryways, stairwells or garages.

Ordering Information

Standard Color is White. Refer to grill options chart for alternate colors. **Built-In tamper proof thermostat included.

MODEL **	UPC	VOLTS	PHASE	WATTS	AMPS	CFM	SIZE	SHIP WEIGHT lbs
KAWH1215-1-TAV-BW	55351	120	1	1500	12.5	160	A	24
KAWH2020-1-TAV-BW	30800	208	1	2000	9.6	160	A	24
KAWH2040-1-TAV-BW	30802	208	1	4000	19.2	160	A	24
KAWH2048-1-TAV-BW	30804	208	1	4800	23.1	160	A	24
KAWH2080-1-TAV-BW	30806	208	1	8000	38.4	320	B	50
KAWH20120-1-TAV-BW	55354	208	1	12000	5.8	480	C	90
KAWH2415-1-TAV-BW	30808	240/208*	1	1500/1125*	6.3/5.4*	160	A	24
KAWH2420-1-TAV-BW	30810	240/208*	1	2000/1500*	8.3/7.2*	160	A	24
KAWH2430-1-TAV-BW	30812	240/208*	1	3000/2250*	12.5/10.8*	160	A	24
KAWH2440-1-TAV-BW	30814	240/208*	1	4000/3000*	16.7/14.4*	160	A	24
KAWH2448-1-TAV-BW	30816	240/208*	1	4800/3600*	20.0/17.3*	160	A	24
KAWH2460-1-TAV-BW	30818	240/208*	1	6000/4500*	25.0/21.6*	320	B	50
KAWH2480-1-TAV-BW	30820	240/208*	1	8000/6000*	33.3/28.8*	320	B	50
KAWH24120-1-TAV-BW	55359	240/208*	1	12000/9000*	50.0/43.3*	320	B	90
KAWH2715-1-TAV-BW	30822	277	1	1500	5.4	160	A	24
KAWH2720-1-TAV-BW	30824	277	1	2000	7.2	160	A	24
KAWH2730-1-TAV-BW	30826	277	1	3000	10.8	160	A	24
KAWH2740-1-TAV-BW	30828	277	1	4000	14.4	160	A	24
KAWH2748-1-TAV-BW	30830	277	1	4800	17.3	160	A	24
KAWH2760-1-TAV-BW	30832	277	1	6000	21.7	320	B	55
KAWH2780-1-TAV-BW	30834	277	1	8000	28.9	320	B	55
KAWH27120-1-TAV-BW	55360	277	1	12000	43.3	480	C	90
KAWH4815-1-TAV-BW	30836	480	1	1500	3.1	160	A	28
KAWH4820-1-TAV-BW	30838	480	1	2000	4.2	160	A	28
KAWH4830-1-TAV-BW	30840	480	1	3000	6.3	160	A	28
KAWH4840-1-TAV-BW	30842	480	1	4000	8.3	160	A	28
KAWH4848-1-TAV-BW	30844	480	1	4800	10.0	160	A	28
KAWH4860-1-TAV-BW	30846	480	1	6000	12.5	320	B	55
KAWH4880-1-TAV-BW	30848	480	1	8000	16.7	320	B	55
KAWH48120-1-TAV-BW	55363	480	1	12000	25.0	480	C	90
KAWH48120-3-TAV-BW	55364	480	3	12000	14.4	480	C	90
KAWH2040-3-TAV-BW	55352	208	3	4000	11.1	160	A	28
KAWH2060-3-TAV-BW	55353	208	3	6000	16.6	480	B	90
KAWH2090-3-TAV-BW	55354	208	3	9000	24.9	480	C	90

Architectural Heater KAWH Series

Ordering Information Continued

Standard Color is White. Refer to grill options chart for alternate colors.

MODEL	UPC	VOLTS	PHASE	WATTS	AMPS	CFM	SIZE	SHIP WEIGHT lbs
KAWH20120-3-TAV-BW	55356	208	3	12000	33.3	480	C	90
KAWH2430-3-TAV-BW	55357	240/208*	3	3000/2250*	7.2/6.2*	160	A	28
KAWH2440-3-TAV-BW	55358	240/208*	3	4000/3000*	9.6/8.3*	160	A	28
KAWH4840-3-TAV-BW	55362	480	3	4000	4.8	160	A	32

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

Grill Options

Replace -BW w/suffix for desired grill color.

ADD SUFFIX	DESCRIPTION
-AM	Almond Color
-NL	Semi-Gloss Black (10% upcharge applies)
-AE	Metallic Silver (10% upcharge applies)
-BZ	Bronze Color (10% upcharge applies)
-CM	Metallic Charcoal Color (10% upcharge applies)
-AL	Aluminum (10% upcharge applies)
-SA	Sand (10% upcharge applies)

Control Options

**Thermostat is not INSTALLED IN HEATER WITH FACTORY INSTALLED RELAY OPTIONS

MODEL	DESCRIPTION
Product no-RT**	Factory Installed 24V Relay with Transformer
Product no-R**	Factory Installed 24V Relay without Transformer
KAWH-DIS20	Factory Installed Disconnect Switch 277V & Less Double Pole 20A
KAWH-DIS40	Factory Installed Disconnect Switch 600V Max. Three Pole 40A
KAWH-DIS80	Factory Installed Disconnect Switch 600V Max. Three Pole 80A
KAWH-IV	Factory Installed Fan Switch

Accessories

MODEL	DESCRIPTION
KIT-KAWH-BSA	Surface Mounting Box -Single Unit -1500W to 4800W
KIT-KAWH-BSA2	Surface Mounting Box Double Unit -6000W to 8000W
KIT-KAWH-BSA3	Surface Mounting Box Triple Unit -12000W

Engineering Specifications

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

Motor: Fully enclosed, factory-lubricated motor.

Fan: Case size A: 160 cfm fan (single unit: 55 dBA); Case Size BL 2 X 160 cfm fan (double unit: 58 dBA); Case Size C: 3 X 160 cfm fan (triple unit: 61 dBA)

Thermostat: Built-in tamperproof thermostat included (32°F - 120°F)

Elements: Durable tubular heating element with fins.

Thermal Overload: High-limit temperature control with automatic reset.

Warranty: 3-year warranty against defects.

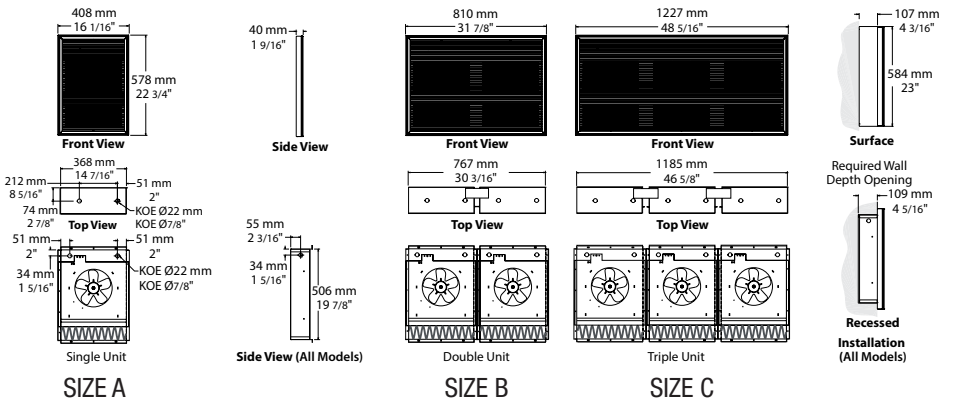
Fan Delay: Purges heater of residual heat (Any remote thermostat or relay must be connected to the heater control terminal block.)

Wall-box: Minimum clearance from the floor and adjacent walls: 10".

Grill: Heavy duty extruded aluminum front grille, 1/8" thick. Standard color is White. Also available in Almond, Metallic Silver, Bronze, Metallic Charcoal, Aluminum, Sem-Gloss Black, and Sand finishes.

Options: Wired for remote thermostat, and surface wall-box.

Approvals: cCSAus

Dimensional Data

HEATER SIZE	HEIGHT	WIDTH
A	22.75"	16.06"
B	23"	31.88"
C	23"	48.31"