

Architectural Convection Cabinet Heater KLA Series



Model Code:

KLA	20	15	-3	-690
A	B	C	D	E
A: Series				
B: Volts (12=120, 20=208, 24=240, 27=270)				
C: Watts (15=1500)				
D: Phase (1 or 3)				
E: Length in mm (-690=690mm)				

- 3 steel tubular heating elements with aluminum fins
- Front fresh air inlet; top warm air outlet or front (-FR)
- Standard Watt density of 1000W/ft. (3280W/m)
- Low Watt density of 750W/ft. (2460W/m)
- Linear high-limit temperature control with automatic reset
- Standard color: bright white (optional almond color available)
- 20 Gauge Steel Cabinet
- Available in 120, 208, 240, 277 or 600 Volts, 1 Or 3 phase
- 1-year warranty against defects



The KLA Series Cabinet Heater

Features a maximum power rating of 6000W, the KLA unit is designed for large commercial spaces. This natural convection unit with its architectural design is perfect for areas requiring lots of heat without fan noise. Several options are also available for wall-to-wall installation. In addition, units with front warm air outlet (option -FR) can be completely recessed. Perfect for hospitals or daycares. King highly recommends use of a wall thermostat for greater comfort. **NOT FOR RESIDENTIAL USE.**

Ordering Information Standard models (1000W/ft)

WATTS	240V/208V	208V (1 ph)	UPC	208V (3 ph)	UPC	240V/208V	UPC	277V	UPC	LENGTH	WT. (lbs.)
2000	2000/1500W	KLA2020-1	31108	KLA2020-3	31118	KLA2420-1	31128	KLA2720-1	31138	27 3/16	37
3000	3000/2250W	KLA2030-1	31110	KLA2030-3	31120	KLA2430-1	31130	KLA2730-1	31140	37 3/16	47
4000	4000/3000W	KLA2040-1	31112	KLA2040-3	31122	KLA2440-1	31132	KLA2740-1	31142	47 3/16	57
5000	5000/3750W	KLA2050-1	31114	KLA2050-3	31124	KLA2450-1	31134	KLA2750-1	31144	57 3/16	67
6000	6000/4500W	KLA2060-1	31116	KLA2060-3	31126	KLA2460-1	31136	KLA2760-1	31146	65 3/16	79

Ordering Information Low density models (750W/ft)

WATTS	208V (1 ph)	UPC	208V (3 ph)	UPC	240V	UPC	277V	UPC	LENGTH	WT. (lbs.)
1500	KLA2015-1-690	31148	KLA2015-3-690	31156	KLA2415-1-690	31164	KLA2715-1-690	31172	27 3/16	37
2250	KLA2022-1-944	31150	KLA2022-3-944	31158	KLA2422-1-944	31166	KLA2722-1-944	31174	37 3/16	47
3000	KLA2030-1-1198	31152	KLA2030-3-1198	31160	KLA2430-1-1198	31168	KLA2730-1-1198	31176	47 3/16	57
4500	KLA2045-1-1655	31154	KLA2045-3-1655	31162	KLA2445-1-1655	31170	KLA2745-1-1655	31178	65 3/16	79

Engineering Specifications

Contractor shall supply and install KLA Series electric heaters of the wattage and voltage as indicated on the plans.

Color: Standard: white, almond. Optional: metallic silver, bronze, metallic charcoal, aluminum, semi-gloss black. Custom colors available upon request.

Finish: Standard: epoxy/polyester powder paint.

Voltage: 208V, 240/208V, 277V, 347V, 600V, 1 or 3-phase.

Construction: 20-gauge steel cabinet. 16-gauge steel front cover. Extruded aluminum bar grilles prevent insertion of foreign objects. Front fresh air inlet; top warm air outlet or front (-FR). Clean back available (-BD). Linear high-limit temperature control with automatic reset.

Heating element: Three stainless steel tubular heating elements with aluminum fins. Floating heating elements on high-temperature bushings, eliminating expansion noises.

Watt density: Standard watt density. Low watt density.

Control: Built-in tamperproof thermostat available. Mechanical, electronic or pneumatic relays available. Note: Single-pole thermostat is for 1-phase model only. King highly recommends to use an electronic wall thermostat for greater comfort.

Installation: Not for residential use in the United States. Wall or floor mounted installation. Front outlet (-FR) models may be recessed. Mounting holes spaced on 2 in. (51 mm) intervals for ease of installation. Variety of accessories available for wall-to-wall installation. Pedestal kit or sub-base available.

Warranty: 1-year warranty against defects.

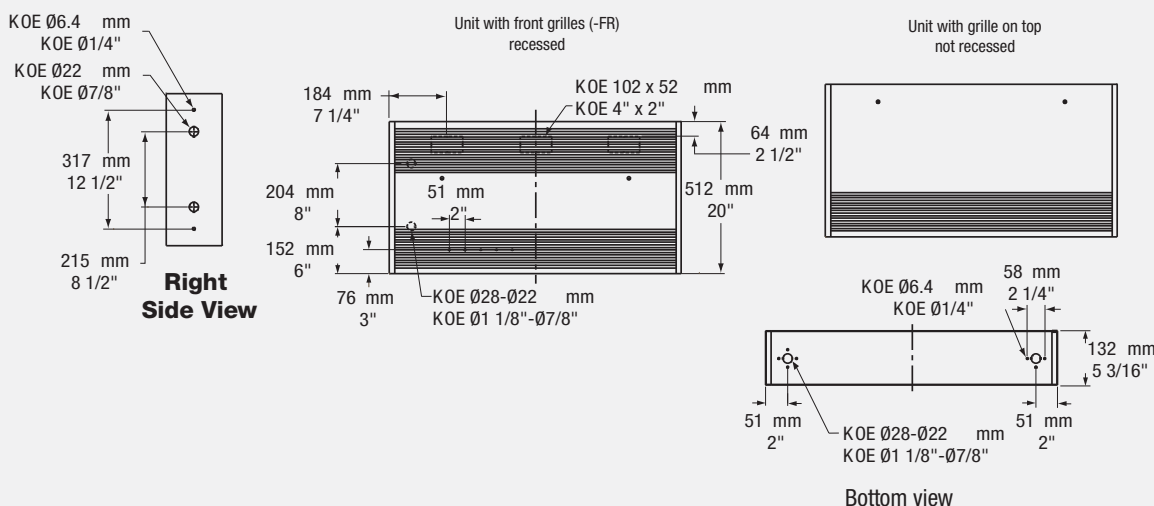
Application: Commercial building, hospital, daycare center.

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Options

ADD SUFFIX	DESCRIPTION
-BW	Bright White
-A	Almond Color
-AE	Metallic Silver
-BZ	Bronze
-CM	Metallic Charcoal)
-AL	Aluminum
-NL	Semi-Gloss Black
-FR	Front outlet models may be recessed
-BD	Clean back

Dimensional Data



Control Options

MODEL	DESCRIPTION
KLA-T-AV	Single-pole tamperproof thermostat 30A, 250V max. - 15A, 600V max.
KLA-T2-AV	Double-pole tamperproof thermostat 30A, 250V max. - 15A, 600V max.
Product no-CTT	Single-pole relay, coil (240V), 25A, 240V - 12.5A, 600V
Product no-CTT2	Double-pole relay, coil (240V) 25A, 240V - 12.5A, 600V (Factory Installed Only)
KLA-R	Single-pole relay, coil (24V) 22A, 208V, 240V - 22A, 208V
KLA-R2	Double-pole relay, coil (24V) 25A, 240V - 12.5A, 600V
KLA-RT-208	Single-pole relay, coil (24V) Transformer (208V / 24V) - 4500W, 208V / 22A
KLA-RT-240	Single-pole relay, coil (24V) Transformer (240V / 24V) - 5200W, 240V / 22A
KLA-RT-277	Single-pole relay, coil (24V) Transformer (277V / 24A) - 5200W, 277V / 19A
Product no-TRF24	Transformer, 24V - 50VA
Product no-TRF24	Transformer, 240V - 50VA
Product no-PM	Factory installed pneumatic relay, 20A / 600V max.
KLA-CTR	Control box (width: 12")
Product no-DIS40	Factory installed disconnect switch 600V, three-pole, 40A

Accessories

MODEL	DESCRIPTION	DIMENSIONS (in)
KLA-CI	Corner (interior and exterior)	
KLA-PEC	Pedestal kit (2)	3 (height)
KLA-S0-27	Sub-base	27 3/16
KLA-S0-37	Sub-base	37 3/16
KLA-S0-47	Sub-base	47 3/16
KLA-S0-57	Sub-base	57 3/16
KLA-S0-65	Sub-base	65 3/16
KLA-CR-27	Recess trim kit	27 3/16
KLA-CR-37	Recess trim kit	37 3/16
KLA-CR-47	Recess trim kit	47 3/16
KLA-CR-57	Recess trim kit	57 3/16
KLA-CR-65	Recess trim kit	65 3/16
KLA-SV-27	Empty cabinet	27 3/16
KLA-SV-37	Empty cabinet	37 3/16
KLA-SV-47	Empty cabinet	47 3/16
KLA-SV-57	Empty cabinet	57 3/16
KLA-SV-65	Empty cabinet	65 3/16
Product no-BD	Factory installed clean back	
Product no-FR	Factory installed front warm air outlet	

*** Filler sections can be cut on workplace. Includes ends and wall supports.