

Commercial Cabinet Heater KCA Series



Model Code:

KCA	20	02	-3
A	B	C	D

A: Series
 B: Volts 20-208V 24-240V
 27-277V 48-480V
 C: Watts (2000-24000)
 D: -1 phase -3 phase

- Tubular heating element with fins
- 240V/208V factory-lubricated motor (1/15 hp)
- Direct drive, variable speed squirrel-cage fan operating at 48dBA at low speed and 50 dBA at high speed
- 208V, 240V, 277V, 347V, 480V, 600V, 1 or 3-Phase
- 1 year warranty against defects
- Available in 4 lengths: 28" (711mm), 48" (1219"), 66" (1676mm), 80" (2032mm)
- High-limit temperature control with automatic reset
- Field changeable air inlet and outlet
- Maximum mounting height: 10 ft. (3m)
- Standard color: white (-BW)
- Fan delay
- 18 gauge steel
- Extruded aluminum grill
- 240V control circuit included
- Wide range of control options
- Multi-position mounting (surface, semi-recessed, recessed)

The KCA Series Cabinet Heater

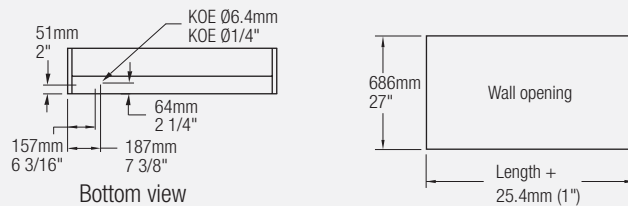
The KCA Cabinet Unit Heater offers a wide range of power ratings, voltage and control options in four cabinet sizes.

Most installations benefit from the heater's custom advantages. The cabinet heater can be mounted on the floor, wall or ceiling. It can also be recessed (wall or ceiling) as required. The fans are powered by 2-speed motors (Hi / Low option) with permanently lubricated sleeve bearings for many years of trouble-free service. The blower wheel is mounted directly on the motor shaft, which reduces the noise level. No belts or bearing blocks are required for the blowers.

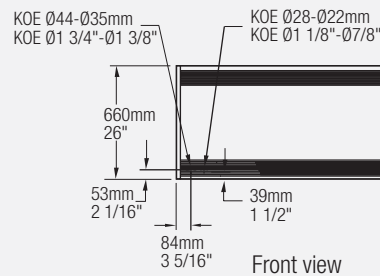
Accessories

MODEL	DESCRIPTION
Sub-base 2"	
KCA-SO-28	28" (711 mm) cabinet
KCA-SO-48	48" (1219 mm) cabinet
KCA-SO-66	66" (1676 mm) cabinet
KCA-SO-80	80" (2032 mm) cabinet
Recess trim kit 2"	
KCA-CR-28	28" (711 mm) cabinet
KCA-CR-48	48" (1219 mm) cabinet
KCA-CR-66	66" (1676 mm) cabinet
KCA-CR-80	80" (2032 mm) cabinet
Air filter (wall mount only)	
KCA-FI-28	28" (711 mm) cabinet
KCA-FI-48	48" (1219 mm) cabinet
KCA-FI-66	66" (1676 mm) cabinet
KCA-FI-80	80" (2032 mm) cabinet
Washable air filter (wall installation only)	
KCA-FIW-28	28" (711 mm) cabinet
KCA-FIW-48	48" (1219 mm) cabinet
KCA-FIW-66	66" (1676 mm) cabinet
KCA-FIW-80	80" (2032 mm) cabinet
Special back plate (kit)	
KCA-DU-28	28" (711 mm) cabinet
KCA-DU-48	48" (1219 mm) cabinet
KCA-DU-66	66" (1676 mm) cabinet
KCA-DU-80	80" (2032 mm) cabinet

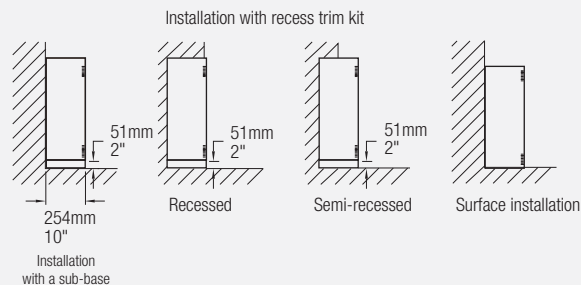
Dimensional Data



Bottom view



Front view



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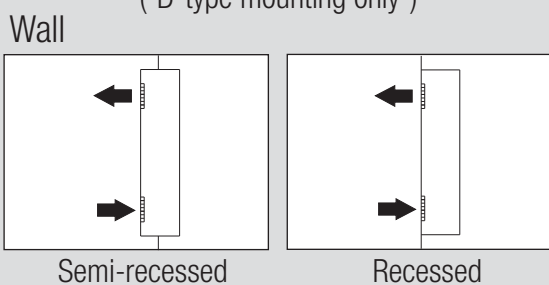
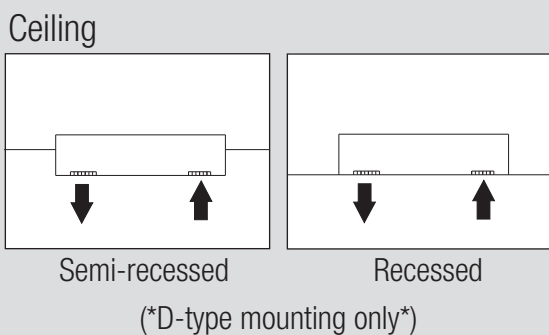
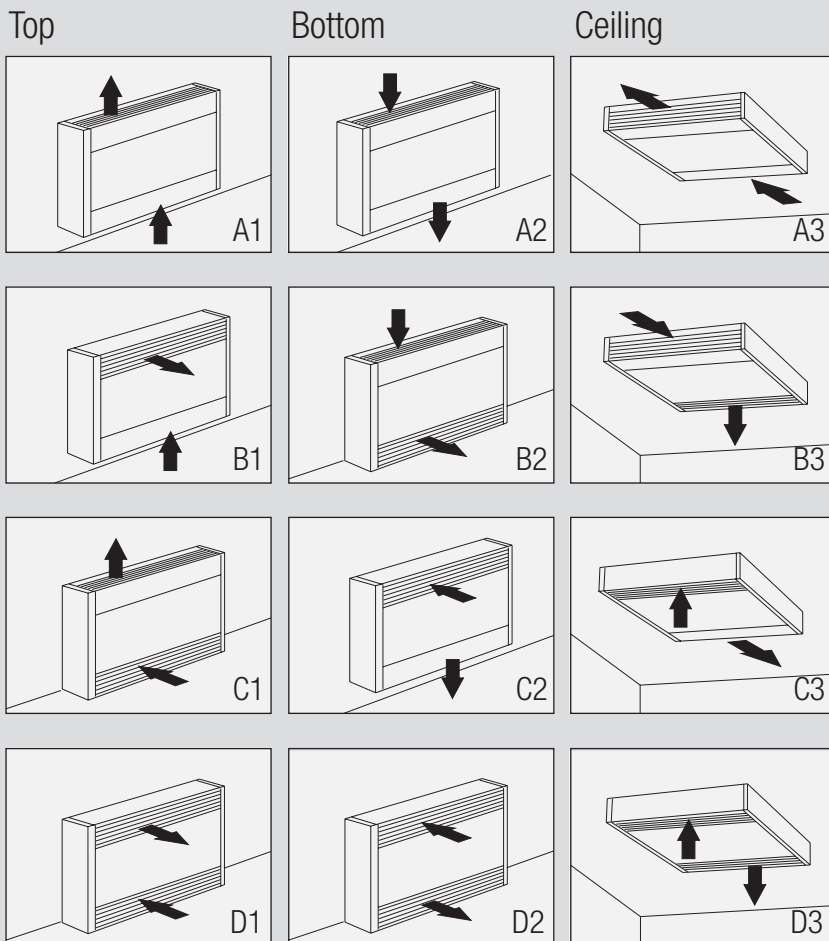
Ordering Information

MODEL	VOLTS	(Hi)	WATTS	(Lo)	(Hi)	CFM	(Lo)	LENGTH	SHIP WEIGHT lbs
KCAU2002-3*	208 (3ph)	2000	1333	250	200	28 in	115		
KCAU2003-3*	208 (3ph)	3000	1000	250	200	28 in	115		
KCAU2004-3*	208 (3ph)	4000	2667	250	200	28 in	115		
KCAU2005-3*	208 (3ph)	5000	3333	250	200	28 in	115		
KCAU2006-3*	208 (3ph)	6000	4000	250	200	28 in	115		
KCAU2008-3*	208 (3ph)	8000	5333	500	400	48 in	146		
KCAU2010-3	208 (3ph)	10000	6667	500	400	48 in	146		
KCAU2012-3	208 (3ph)	12000	8000	500	400	48 in	146		
KCAU2015-3	208 (3ph)	15000	10000	750	600	66 in	210		
KCAU2018-3	208 (3ph)	18000	12000	750	600	66 in	210		
KCAU2020-3	208 (3ph)	20000	13333	1000	800	80 in	240		
KCAU2024-3	208 (3ph)	24000	16000	1000	800	80 in	240		
KCAU2402-1	240 (1ph)	2000	1333	250	200	28 in	115		
KCAU2403-1	240 (1ph)	3000	1000	250	200	28 in	115		
KCAU2404-1	240 (1ph)	4000	2667	250	200	28 in	115		
KCAU2405-1	240 (1ph)	5000	3333	250	200	28 in	115		
KCAU2406-1	240 (1ph)	6000	4000	250	200	28 in	115		
KCAU2408-1	240 (1ph)	8000	5333	500	400	48 in	146		
KCAU2410-1	240 (1ph)	10000	6667	500	400	48 in	146		
KCAU2412-1	240 (1ph)	12000	8000	500	400	48 in	146		
KCAU2415-1	240 (1ph)	15000	10000	750	600	66 in	210		
KCAU2418-1	240 (1ph)	18000	12000	750	600	66 in	210		
KCAU2420-1	240 (1ph)	20000	13333	1000	800	80 in	240		
KCAU2424-1	240 (1ph)	24000	16000	1000	800	80 in	240		
KCAU2402-3	240 (3ph)	2000	1333	250	200	28 in	115		
KCAU2403-3	240 (3ph)	3000	1000	250	200	28 in	115		
KCAU2404-3	240 (3ph)	4000	2667	250	200	28 in	115		
KCAU2405-3	240 (3ph)	5000	3333	250	200	28 in	115		
KCAU2406-3	240 (3ph)	6000	4000	250	200	28 in	115		
KCAU2408-3	240 (3ph)	8000	5333	500	400	48 in	146		
KCAU2410-3	240 (3ph)	10000	6667	500	400	48 in	146		
KCAU2412-3	240 (3ph)	12000	8000	500	400	48 in	146		
KCAU2415-3	240 (3ph)	15000	10000	750	600	66 in	210		
KCAU2418-3	240 (3ph)	18000	12000	750	600	66 in	210		
KCAU2420-3	240 (3ph)	20000	13333	1000	800	80 in	240		
KCAU2424-3	240 (3ph)	24000	16000	1000	800	80 in	240		
KCAU2702-1	277 (1ph)	2000	1333	250	200	28 in	115		
KCAU2703-1	277 (1ph)	3000	1000	250	200	28 in	115		
KCAU2704-1	277 (1ph)	4000	2667	250	200	28 in	115		
KCAU2705-1	277 (1ph)	5000	3333	250	200	28 in	115		
KCAU2706-1	277 (1ph)	6000	4000	250	200	28 in	115		
KCAU2708-1	277 (1ph)	8000	5333	500	400	48 in	146		
KCAU2710-1	277 (1ph)	10000	6667	500	400	48 in	146		
KCAU2712-1	277 (1ph)	12000	8000	500	400	48 in	146		
KCAU4802-3*	480 (3ph)	2000	1333	250	200	28 in	115		
KCAU4803-3*	480 (3ph)	3000	1000	250	200	28 in	115		
KCAU4804-3*	480 (3ph)	4000	2667	250	200	28 in	115		
KCAU4805-3*	480 (3ph)	5000	3333	250	200	28 in	115		
KCAU4806-3*	480 (3ph)	6000	4000	250	200	28 in	115		
KCAU4808-3*	480 (3ph)	8000	5333	500	400	48 in	146		
KCAU4810-3*	480 (3ph)	10000	6667	500	400	48 in	146		
KCAU4812-3*	480 (3ph)	12000	8000	500	400	48 in	146		
KCAU4815-3*	480 (3ph)	15000	10000	750	600	66 in	210		
KCAU4818-3*	480 (3ph)	18000	12000	750	600	66 in	210		
KCAU4820-3*	480 (3ph)	20000	13333	1000	800	80 in	240		
KCAU4824-3*	480 (3ph)	24000	16000	1000	800	80 in	240		

Add suffix (-A) for almond, (-AE) for Metallic Silver, (-BG) for Beige-Grey, (-BZ) for Bronze, (-CM) for Metallic Charcoal, (-NR) for Textured Black, (-AL) for Aluminum, (-NL) for Semi-Gloss Black
 * 1-ph available upon request, 2000W to 6000W only (change the 3 to a 1 in the product number).

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Mounting Applications



Control Options

MODEL	DESCRIPTION
KCA-RT	24V relay with transformer
KCA-R	24V relay without transformer
KCA-RV	Factory Installed 24V fan relay
KCA-RH/L	Factory Installed 24V relay (Hi / Lo)
KCA-RO/O	Factory Installed 24V relay (On / Off)
KCA-T-AV	Single-pole tamperproof thermostat
KCA-T2S	2-Stage tamperproof thermostat
KCA-DIS40	Factory Installed disconnect switch, 40A
KCA-DIS80	Factory Installed disconnect switch, 80A
KCA-IV	Factory Installed On / Auto switch
KCA-HL	Factory Installed Hi / Low switch
KCA-O/O*	On / Off switch
KCA-AF***	Fresh air inlet
KCA-AFM***	Power operated fresh air inlet

***Do not install built-in thermostat with these options