

Kickspace Heater KT-MW Series



Model Code:

| | | | |
|--------------------------|----|----|----|
| KT | 12 | 10 | -T |
| A | B | C | D |
| A: Series | | | |
| B: 12 - 120V 24 - 240V | | | |
| C: Watts (250 to 1500) | | | |
| D: Thermostat (optional) | | | |



- Open coil nichrome elements
- C-Frame motor
- Squirrel cage blower
- Patented Smart Limit Protection*
- 20 gauge powder coated grill
- Dual wattage
- Standard color: white
- Optional almond, black, & stainless steel
- 120 or 240/208* volts
- Low profile
- 1-year limited warranty



The KT-MW Kickspace Heater

This narrow profile heater is only 3½" tall and specifically designed to conveniently fit under kitchen or bathroom cabinets, providing warm air for cold bathroom or kitchen. Valuable floor and wall space is saved. The optional KTG-24W Retrofit Grill allows for easy replacement of older kickspace heaters. Install heater and fit with long grill to cover existing cutout. For applications other than kickspace use KTG-OL Grill. Check floor covering manufacturer's recommendation for acceptable surface temperature.

Ordering Information *Add suffix -W for White Grill or -B for Black Grill

| BASE MODEL | VOLTS | WATTS | AMPS | SHIP WEIGHT lbs |
|------------|----------|----------------------------|------------|-----------------|
| KT1215-MW | 120 | 250•500•750•1000•1250•1500 | 2.1 - 12.5 | 8.5 |
| KT2415-MW | 240/208* | 250•500•750•1000•1250•1500 | 1.0 - 6.3 | 8.5 |

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

Factory Installed Options

| ADD SUFFIX | DESCRIPTION | SHIP WEIGHT lbs |
|------------|------------------------------------|-----------------|
| -B | Black Color | 0 |
| -W | White Color | 0 |
| -SS | Stainless Steel Color | 0 |
| -T | Onboard Single Pole Thermostat Kit | 9 |
| -T2 | Onboard Double Pole Thermostat Kit | 9 |
| -HRC | Interior & Recessed 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 **To build your own "Complete" with designer grill options (not noted above) select HRC model of proper voltage and KTG grill model of proper color.

STEP 1: Order Heatbox Interior

| ADD SUFFIX | UPC | DESCRIPTION | SHIP WEIGHT lbs |
|---------------|-------|---|-----------------|
| KT1215-MW-HRC | 32714 | KT Kick Space HTR 120V 1500W Interior & Recessed Wall Can | 7.5 |
| KT2415-MW-HRC | 32718 | KT Kick Space HTR 240/208V 1500W/1125W Interior and Recessed Wall Can | 7.5 |

STEP 2: Order Grill

| MODEL | UPC | DESCRIPTION | SHIP WEIGHT lbs |
|--------------|-------|--|-----------------|
| KTG-A | 12296 | Grill - Almond - 3-1/2" x 16-1/2" | 1.0 |
| KTG-B | 12297 | Grill - Black - 3-1/2" x 16-1/2" | 1.0 |
| KTG-W | 12295 | Grill - White - 3-1/2" x 16-1/2" | 1.0 |
| KTG-24W-A | 20533 | Retrofit Grill - Almond - 24" x 3-3/8" | 1.0 |
| KTG-24W-B | 12299 | Retrofit Grill - Black - 24" x 3-3/8" | 1.0 |
| KTG-24W-W | 12276 | Retrofit Grill - White - 24" x 3-3/8" | 1.0 |
| KTG-SS-3-1/2 | 12267 | Grill - Stainless Steel Standard - 3-1/2" x 16-1/2" (No Overlap) | 1.1 |
| KTG-OL-B | 12268 | Grill - Overlap 1/2" on All Sides - Black - 4-1/2" x 16-1/2" | 1.1 |
| KTG-OL-W | 12275 | Grill - Overlap 1/2" on All Sides - White - 4-1/2" x 16-1/2" | 1.1 |
| KTG-SS | 12269 | Grill - Overlap 1/2" on All Sides - Stainless Steel - 4-1/2" x 16-1/2" | 1.1 |

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

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Accessories

| MODEL | UPC | DESCRIPTION | SHIP WEIGHT lbs |
|-----------|-------|--|-----------------|
| TKIT-1BW | 20654 | Built-in Single Pole Single Throw Thermostat Kit, Bright White | 0.5 |
| TKIT-2BW | 20655 | Built-in Double Pole Single Throw Thermostat Kit, Bright White | 0.5 |
| TKIT-1A | 11058 | Built-in Single Pole Single Throw Thermostat Kit, Almond | 0.5 |
| TKIT-2A | 11059 | Built-in Single 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 |
| TKIT-1BL | 17346 | Wall Heater Accessory SP Thermostat Kit Black | 0.5 |
| TKIT-2BL | 17347 | Wall Heater Accessory DP Thermostat Kit Black | 0.5 |
| DS15 | 13824 | Disconnect Switch, Field Installed Kit (10A/ 240V / 15A/120V) | 0.5 |

Engineering Specifications

Contractor shall supply and install KT Series limited space-mounted forced air electric heaters manufactured by King Electrical Mfg. Company. Heaters shall be of the wattage and voltage as indicated on the plans.

Ratings: Heaters shall be available in wattages of 250 to 1,500 at 120 Volts or dual rated from 208 Volts to 240 Volts.

Blower and Motor: A tangential cylindrical blower, delivering 70 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 be dual element construction of coiled Nickel Chromium alloy, corrosion resistant wire strung through a minimum of four rows of mica insulator. Element assemblies shall have factory provided connection to allow field modification to 50% wattage at time of installation.

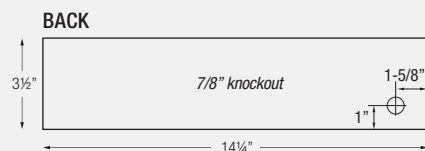
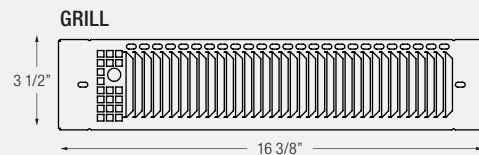
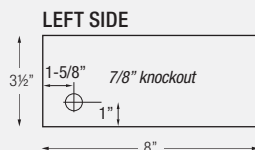
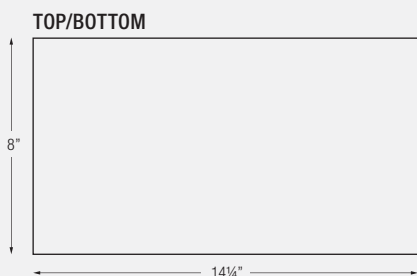
Grill: The grill shall be a louvered, one-piece design. The grill shall be epoxy powder-coated in the color specified on the plans.

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

Wall Can: The wall can shall be 20 gauge electrogalvanized steel and contain knockouts. The wall can shall be supplied with a factory installed ground wire. Zero Clearance to floors and 6" to sidewalls.

Approvals: cULus (E41422)

Dimensional Data



Installation

