

QUIET-ONE 2000™

KICKSPACE HEATER SERIES

MODEL KSWK Recessed Wall Kit

SUBMITTAL DATA INFORMATION

Application

The KSWK QUIET-ONE 2000 recessed wall kit continues the tradition of supplying flexible solutions for those hard to heat areas. Designed to fit between 16" O.C. studs, the KSWK can mount in any wall of the house. It can also be used in ceiling applications, or be installed in the end of counter cabinets or bathroom vanities. It can be used in dressing rooms, walk-in closets or in mudrooms and entry ways.

The cover is painted with a high grade primer finish which may be used as is or can be painted, wall papered or marbled.

Engineering Specifications

Construction. The one piece KS chassis and grille is manufactured from high grade zinc coated steel. The grille is 3/8" wider and 3/2" longer than the chassis in order to cover the wall opening while allowing room to sweat the S & R copper.

Heat Exchanger. A highly efficient, headered coil, made of copper tubes expanded into smooth aluminum plate fins (10 FPI), tested at 300 PSI, and sealed for quality. The heat exchanger is positioned in the kickspace for maximum heat transfer over the coil.

Fan and Motor Assembly. High spec tangential SEL fan and motor assembly consists of high static fan wheel and scroll, detachable motor, replaceable "easy glide" sleeve bearings, and the fan and motor cut out are protected to UL/CSA specifications. This fan and the motor assembly is designed to enhance the "coanda" effect, and to run whisper quiet without vibration.

Controls. The KS units have integral two speed, max-off-min., fan switches (optional wall mounted fan speed controller is available). The LTC – low limit aquastat is also a high spec item with a close tolerance designed to close on a rise to 130 F+/-3 F and open at 110 F+/-3 F. For low temperature systems you will have to change out the aquastat located in the main electrical box easily removed from its hold on clip.

Water Connections. Supply and return connections are 1/2" sweat connections located to the right of the unit as you face the grille. A water vent with wide convenient screwdriver slot is accessible through the grille.

Electrical Connections. 120/60/1 power supply is required. All that's required is to knock out the junction box hole you want to use and wire to the L1 and L2 leads. There is a convenient one screw access plate on the top of the unit to get at the ground.

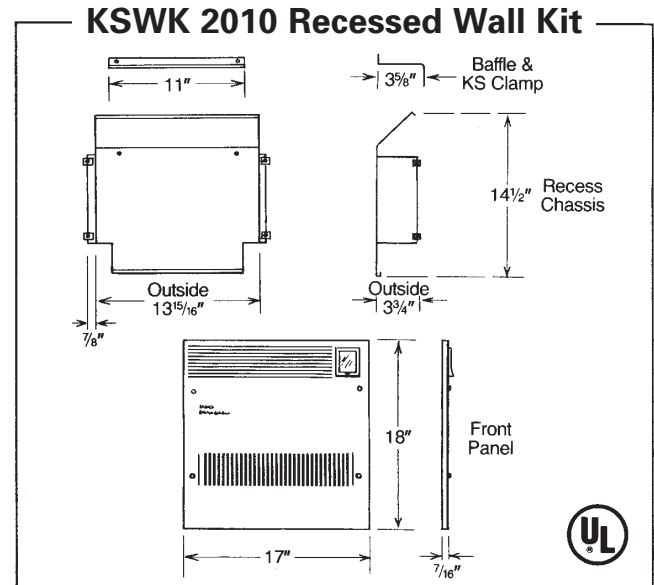
Design

The KSWK QUIET-ONE 2000 recessed wall kit has been designed to accept either a QUIET-ONE 2000 KS2004, KS2006, or KS2008 kickspace heater. Units must be purchased separately.



ENVIRONMENTAL PRODUCTS

1875 Dewey Avenue, Benton Harbor, MI 49023 • (269) 925-8818



KSWK-KS2004/KS2006/KS2008 BTU/Hr Outputs

CAPACITY FOR THE QUIET-ONE 2000 KICKSPACE HEATERS BTU/HR @ 65°F Entering Air

Unit	Flow Rate G.P.M.	Pressure Drop (ft.)	Entering Water Temperature (Deg. F.) - BTU/hrs.							
			130	140	150	160	170	180	190	200
KS 2004	1	0.06	2095	2410	2700	3000	3350	3650	3860	4000
	3	0.422	2240	2650	3000	3350	3765	4120	4350	4530
	5	1.026	2350	2755	3140	3530	3940	4330	4590	4810
KS 2006	1	0.12	3410	4050	4655	5265	5860	6330	6700	7110
	3	1.19	3735	4395	5060	5735	6330	6825	7120	7530
	5	2.6	3860	4540	5225	5910	6560	7030	7415	7800
KS 2008	1	0.12	4300	5000	5765	6500	7370	7960	8400	8735
	3	1.19	4580	5380	6195	7050	7930	8610	9010	9445
	5	2.6	4760	5625	6450	7290	8200	8925	9360	9785

- All capacities are rated upon actual installation outputs.
- For low speed ratings use: .85 for the KS2004, .75 for the KS2006, .70 for the KS2008, and .65 for the KS2010.
- Heat throw: KS2004 = 10 ft. @ 50 CFM; KS2006 = 10 ft. @ 75 CFM; KS2008 = 10 ft. @ 90 CFM; KS2010 = 10 ft. @ 125 CFM.
- When kickspace units are installed in a recessed wall kit, BTUH outputs may be reduced by up to 10%.