

# K Series

KW (hydronic)

KE (electric)

# Applied COMFORT



FITS 37" WIDE X 13 15/16" SLEEVE

*Premium, . . . meet Affordable!*

COMPLETE REPLACEMENT FOR:  
COOLING CHASSIS,  
+ HEATING CHASSIS,  
+ CONTROLS:

K, EK, KF, PK - McQuay®, Singer®, Remington®,  
Islandaire®, Retroaire®



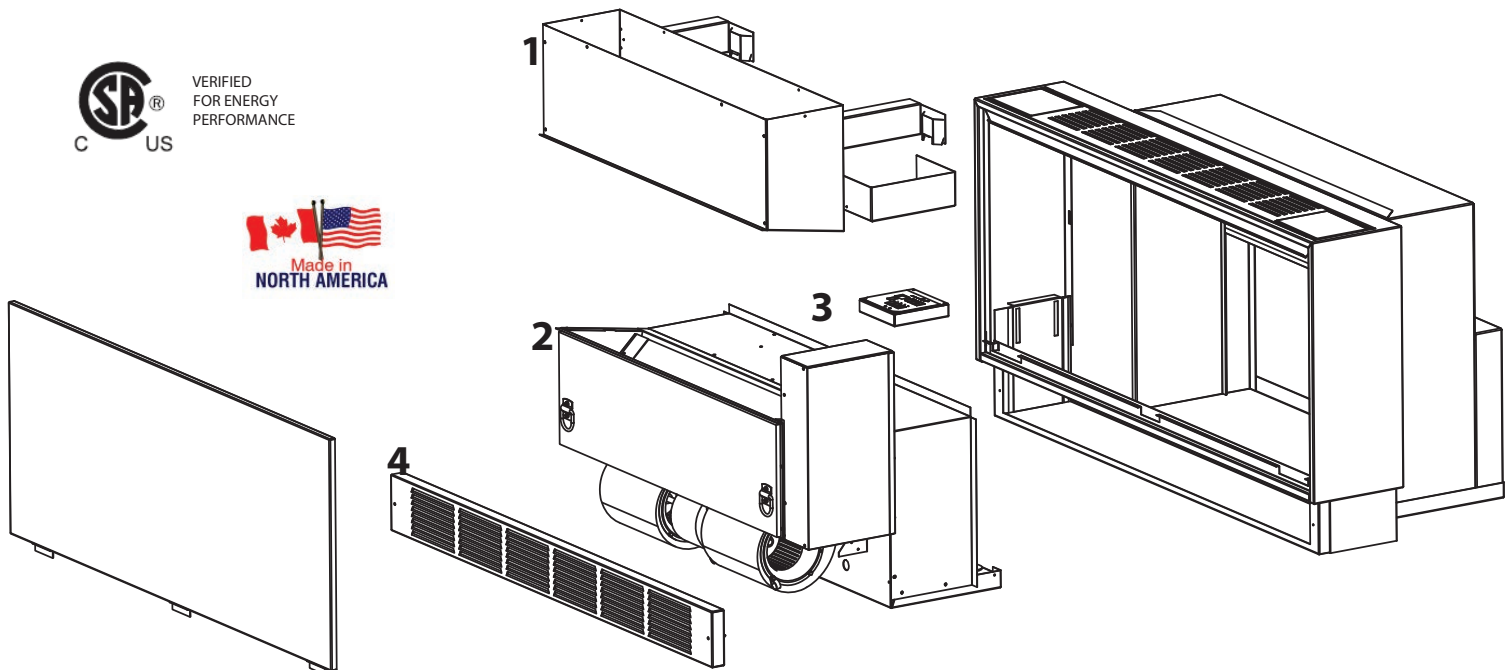
Applied Comfort's new K Chassis is a COMPLETE REPLACEMENT for ALL 3 SECTIONS of the 3-piece K Chassis.

Update the cooling, heating, and controls all at once,  
and at a lower cost than the heating or cooling sections alone.

An innovative design with modern components, provides quiet comfort and class-leading energy efficiency!

**Installation is Easy!** --- remove the old heater section, cooling section, controls and kickplate, and then:

- 1) Slide in Applied Comfort 'air collar' or 'hydronic air collar' and secure to original sleeve.
- 2) Slide in the new Integrated Heating/Cooling/Control chassis under the collar.
- 3) Attach the Applied Comfort 'control box' using the same attachment points as the old controls.
- 4) Install the new 'kickplate grille & filter' onto the original room enclosure.

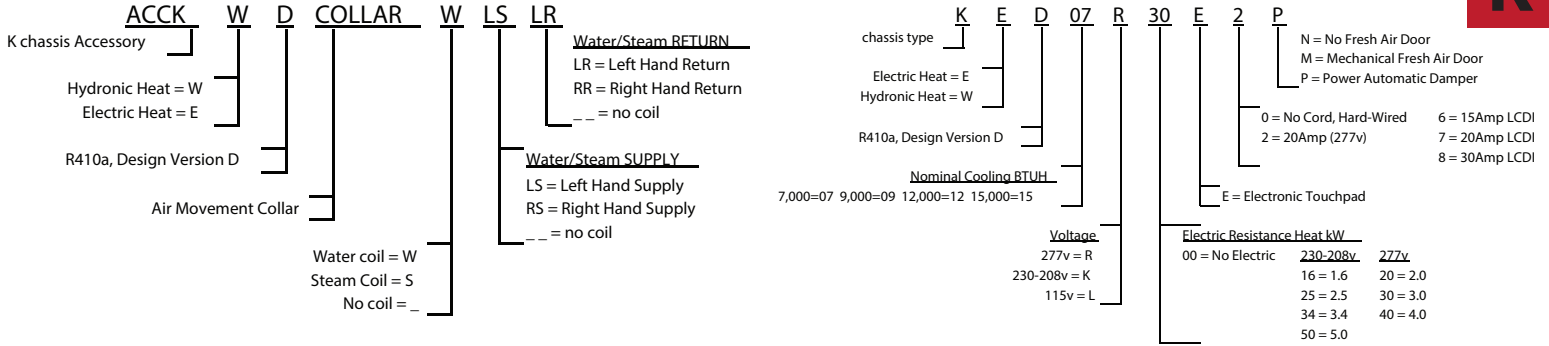


Premium

[www.ptacs.com](http://www.ptacs.com)

Affordable

NOTE: An Air Collar (ACCK) must be ordered along with the appropriate chassis (KED or KWD).



**KED Air Conditioner with Electric Resistance Heat**

Model	Voltage	Hz	Min. Circuit Amps	MOP* Fuse Amps	Electrical Plug (NEMA) (hard-wired optional)	Cooling					Resistance Heat			Indoor CFM HIGH*	Indoor CFM LOW*	Vent** CFM	Net Wt. lbs.	Ship Wt. lbs.
						BTU/Hr.	EER	Amps	S/T	Pts./hr.	BTU/Hr.	kW	Amps					
KED07L00E6	115	60	8.6	15	#5-15P LCDI	6700	10.6	6.1	0.85	0.7	N/A	N/A	N/A	270	240	90	138	143
KED09L00E6	"	"	12.4	"	"	9600	10.7	9.8	0.8	1.7	N/A	N/A	N/A	270	240	90	138	143
KED12L00E7	"	"	15.4	20	#5-20P LCDI	11600	9	12.4	0.72	2.9	N/A	N/A	N/A	300	250	"	"	"
KED07K16E6	230-	"	14.3	15	#6-15P LCDI	6700	10.6	3.0/3.2	0.85	1.0	5800/4700	1.6/1.4	7.5/6.9	270	240	"	"	"
KED07K25E6	"	"	14.3	"	#6-15P LCDI	"	"	"	"	"	8900/7300	2.5/2.1	11.4/10.4	270	240	"	"	"
KED07K34E7	"	"	19.2	20	#6-20P LCDI	"	"	"	"	"	12000/9900	3.4/2.8	15.3/14.0	"	"	"	"	"
KED09K25E6	230-	"	14.3	15	#6-15P LCDI	9600	10.7	4.4/4.6	0.8	1.7	8900/7300	2.5/2.1	11.4/10.4	270	240	"	"	"
KED09K34E7	"	"	19.2	20	#6-20P LCDI	"	"	"	"	"	12000/9900	3.4/2.8	15.3/14.0	"	"	"	"	"
KED09K50E8	"	"	27.9	30	#6-30P LCDI	"	"	"	"	"	17400/14300	5/4.1	22.3/20.3	"	"	"	"	"
KED12K25E6	"	"	14.3	15	#6-15P LCDI	11600	9	6.2/6.5	0.72	2.9	8900/7300	2.5/2.1	11.4/10.4	"	"	"	"	"
KED12K34E7	"	"	19.2	20	#6-20P LCDI	"	"	"	"	"	12000/9900	3.4/2.8	15.3/14.0	"	"	"	"	"
KED12K50E8	"	"	27.9	30	#6-30P LCDI	"	"	"	"	"	17400/14300	5/4.1	22.3/20.3	"	"	"	"	"
KED15K25E6	"	"	14.3	15	#6-15P LCDI	13600	8.3	8.0/8.4	0.69	3.8	8900/7300	2.5/2.1	11.4/10.4	300	250	"	"	"
KED15K34E7	"	"	19.2	20	#6-20P LCDI	"	"	"	"	"	12000/9900	3.4/2.8	15.3/14.0	"	"	"	"	"
KED15K50E8	"	"	27.9	30	#6-30P LCDI	"	"	"	"	"	17400/14300	5/4.1	22.3/20.3	"	"	"	"	"
KED07R20E2	277	"	9.5	"	#7-20P	6700	10.6	2.7	0.88	0.5	7000	2.0	7.6	270	240	"	"	"
KED07R30E2	"	"	14	"	"	"	"	"	"	"	10400	3.0	11.2	"	"	"	"	"
KED07R40E2	"	"	18.5	20	"	"	"	"	"	"	13800	4.0	14.8	"	"	"	"	"
KED09R20E2	"	"	9.5	15	"	9600	10.7	3.9	0.8	1.7	7000	2.0	7.6	"	"	"	"	"
KED09R30E2	"	"	14	"	"	"	"	"	"	"	10400	3.0	11.2	"	"	"	"	"
KED09R40E2	"	"	18.5	20	"	"	"	"	"	"	13800	4.0	14.8	"	"	"	"	"
KED12R20E2	"	"	9.5	"	"	11600	9	5.4	0.72	2.9	7000	2.0	7.6	300	250	"	"	"
KED12R30E2	"	"	14	"	"	"	"	"	"	"	10400	3.0	11.2	"	"	"	"	"
KED12R40E2	"	"	18.5	20	"	"	"	"	"	"	13800	4.0	14.8	"	"	"	"	"
KED15R20E2	"	"	9.5	"	"	13600	8.3	7	0.69	3.8	7000	2.0	7.6	"	"	"	"	"
KED15R30E2	"	"	14	"	"	"	"	"	"	"	10400	3.0	11.2	"	"	"	"	"
KED15R40E2	"	"	18.5	20	"	"	"	"	"	"	13800	4.0	14.8	"	"	"	"	"

**KWD Air Conditioner with Hydronic Heat**

Model	Voltage	Hz	Min. Circuit Amps	MOP* Fuse Amps	Electrical Plug (NEMA)	Cooling					Resistance Heat			Indoor CFM HIGH*	Indoor CFM LOW*	Vent CFM	Net Wt. lbs.	Ship Wt. lbs.
						BTU/Hr.	EER	Amps	S/T	Pts./hr.	BTU/Hr.	kW	Amps					
KWD07L00E7	115	60	8.6	15	#5-20P LCDI	6700	10.6	6.1	0.85	0.7	N/A	N/A	N/A	300	255	90	140	145
KWD09L00E7	"	"	13	15	"	9600	10.7	9.8	0.8	1.7	N/A	N/A	N/A	345	305	90	140	145
KWD12L00E7	"	"	16.2	20	#5-20P LCDI	11600	9	12.4	0.72	2.9	N/A	N/A	N/A	345	305	"	"	"
KWD07K00E7	230-	"	4.2	15	#6-20P LCDI	6700	10.6	3.0/3.2	0.85	1.0	N/A	N/A	N/A	315	280	"	"	"
KWD09K00E7	"	"	6.2	15	#6-20P LCDI	9600	10.7	4.4/4.6	0.8	1.7	N/A	N/A	N/A	355	315	"	"	"
KWD12K00E7	"	"	8.1	"	#6-20P LCDI	11600	9	6.2/6.5	0.72	2.9	N/A	N/A	N/A	"	"	"	"	"
KWD15K00E7	"	"	9.8	"	#6-20P LCDI	13600	8.3	8.0/8.4	0.69	3.8	N/A	N/A	N/A	"	"	"	"	"
KWD07R00E2	277	"	3.8	15	#7-20P	6700	10.6	2.7	0.88	0.5	N/A	N/A	N/A	265	235	"	"	"
KWD09R00E2	"	"	5.5	15	"	9600	10.7	3.9	0.8	1.7	N/A	N/A	N/A	265	235	"	"	"
KWD12R00E2	"	"	6.5	"	"	11600	9	5.4	0.72	2.9	N/A	N/A	N/A	290	245	"	"	"
KWD15R00E2	"	"	8.3	"	"	13600	8.3	7	0.69	3.8	N/A	N/A	N/A	"	"	"	"	"

\*Time Delay Fuse or HCAR Circuit Breaker ---- "Dry Coil"

Model	Voltage	Hz	Hot Water Heat HIGH SPEED	Hot Water Heat LOW SPEED	Water Flow Rate	Coil Pressure Drop (HIGH SPEED)	Steam Heat HIGH SPEED	Steam Heat LOW SPEED	Heating Current
			BTU/Hr.	BTU/Hr.		USGPM	Ft of Water	BTU/Hr.	
KWD07L00E7	115	60	17200	16100	1.8	1.8	21100	19600	<1
KWD09L00E7	"	"	17200	16100	1.8	1.8	21100	19600	"
KWD12L00E7	"	"	18500	17400	1.9	1.9	22600	21100	"
KWD07K00E7	230-	"	17600/17000	16800/15600	1.8 - 1.7	1.8 - 1.6	21500/20800	20500/19000	"
KWD09K00E7	"	"	17600/17000	16800/15600	1.8 - 1.7	1.8 - 1.6	21500/20800	20500/19000	"
KWD12K00E7	"	"	18800/18300	17700/17200	1.9 - 1.9	2.0 - 1.8	22900/22300	21600/20800	"
KWD15K00E7	"	"	18800/18300	17700/17200	1.9 - 1.9	2.0 - 1.8	22900/22300	21600/20800	"
KWD07R00E2	277	"	18500	17400	1.9	1.8	22600	21100	"
KWD09R00E2	"	"	"	"	"	"	"	"	"
KWD12R00E2	"	"	"	"	"	"	"	"	"
KWD15R00E2	"	"	"	"	"	"	"	"	"

Maximum Steam Pressure: 2 psig ---- Steam ratings based on conditions of 70°F entering air, and 2 psig steam pressure with heat output automatically adjusting for blower speed.  
 Maximum Water Temperature: 210°F ---- HIGH SPEED Water ratings based on ASHRAE/AHRI conditions of 70°F entering air, 200°F entering water and 180°F leaving water temperatures.  
 LOW SPEED Water ratings based on water flow rate set for HIGH SPEED rating condition operating point.

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