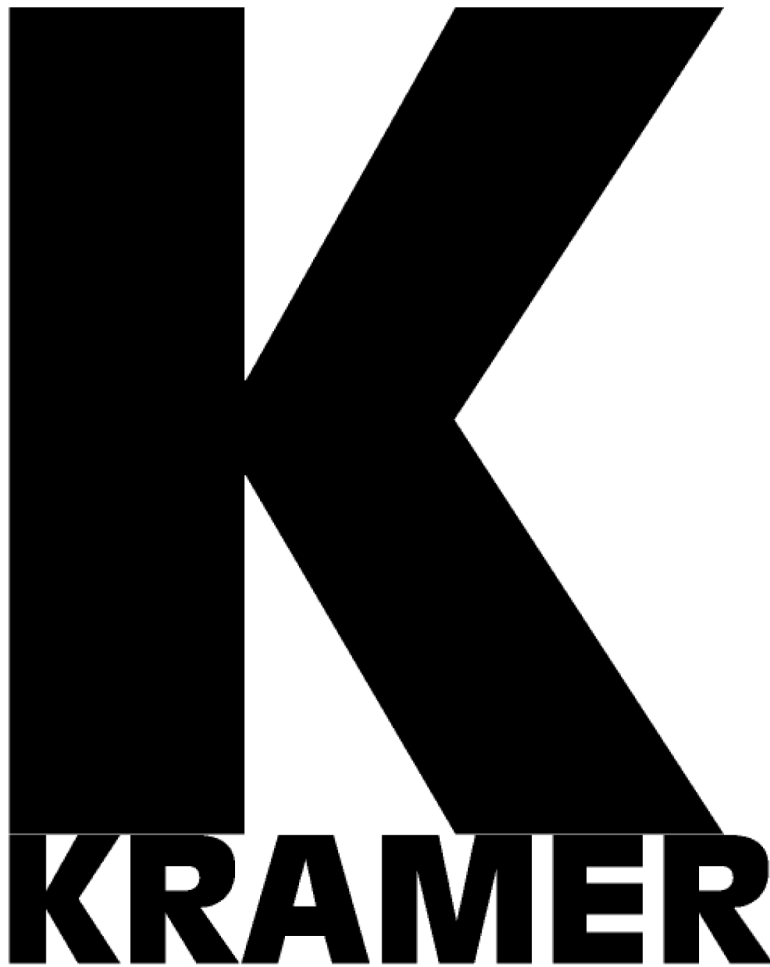


**NO LONGER
AVAILABLE.
PLEASE USE
KOUNTERFLOW HOT GAS
DEFROST SYSTEMS PRICE
SHEET P-877.**

CATALOG
C-844
OCT. 1992 NEW

CONDENSING UNITS and SYSTEMS
3/4 Thru 3 Horsepower
R-22, and R-502 Air,
Electric, and Hot Gas Defrost



KRAMER

KRAMER 14230 Lochridge Boulevard / Covington, GA / 30014
Phone: 770-788-5800 Fax: 770-788-5820
www.kramerusa.net

KRAMER 3/4 THRU 3 HP CONDENSING UNITS

FEATURING

Low installation costs. Completely instrumented. Designed for outdoor applications. WINTERSTAT - Ends winter short cycling.

Prolongs compressor life.
(optional)

KRAMER-SAVER - (optional)

Reliable capacity ratings.

Easy servicing.

Completely automatic for all weather conditions.

Good architectural flexibility. THERMOBANK II -

Patented rapid hot gas defrost system (optional)

STANDARD FEATURES

Semi-Hermetic Copeland Compressor.

Air cooled condenser - aluminum fins & copper tubes.

Weathertight control cabinet.

Hi-Lo pressure switch.

Contactors and overload protection (as required).

Discharge vibration eliminators.

Rugged galvanized steel construction.

Liquid line
filter/drier

"KS" units - Permanent (mounted)
"C, CTT" units - Permanent (loose)

Crankcase heater (std. on outdoor versions).

Receiver with service valve(s). Fusible plug.

Liquid sight glass/moisture indicator.

Fan guard.

Minimum charge monitor (not available on "C" style units)

Suction line filter

"KS" units - Permanent (mounted)
"C, CTT" units - Permanent (loose)

OPTIONS

Indoor version (less housing).

Liquid line solenoid valve.

Suction accumulator.

Evaporator fan contactor(s)

Time clock.

Fused disconnect (loose)

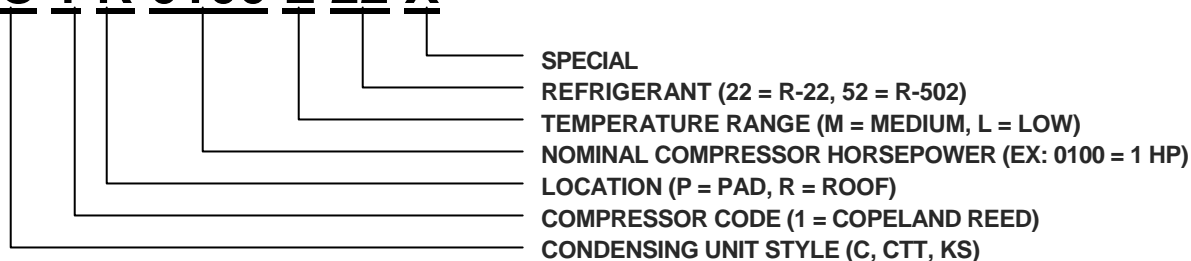
Pressure relief valve



KRAMER 3/4 THRU 3 HP CONDENSING UNITS

NOMENCLATURE

C 1 R 0100 L 22 X



PERFORMANCE DATA

LOW TEMPERATURE R-22 (MODELS C1, CTT1, KS1)

MODEL NUMBER C/KS/CTT	HP	COMPRESSOR R MODEL NUMBER	BTU/HR @ 95 DEG. F AMBIENT					
			0 suc.	-5 suc.	-10 suc.	-20 suc.	-30 suc.	-40 suc.
0075L22	.75	KAM-0075	5350	4700	4100	3050	2160	1420
0100L22	1.0	KAJ-0100	6980	6150	5400	4080	2990	2060
0150L22	1.5	KAK-0200	8460	7360	6390	4740	3430	2350
0200L22	2.0	EAD-0200	11550	10130	8810	6480	4500	2850
0300L22	3.0	LAH-0310	21690	19130	16640	12000	8170	5560

LOW TEMPERATURE R-502 (MODELS C1, CTT1, KS1)

MODEL NUMBER C/KS/CTT	HP	COMPRESSOR MODEL NUMBER	BTU/HR @ 95 DEG. F AMBIENT				
			-5 suc.	-10 suc.	-20 suc.	-30 suc.	-40 suc.
0075L52	.75	KAM-0075	5040	4430	3360	2480	1770
0100L52	1.0	KAJ-0100	6470	5740	4430	3290	2350
0150L52	1.5	KAL-0150	-----	8420	6410	4790	3540
0200L52	2.0	EAV-0200	12930	11550	9060	6930	5150
0300L52	3.0	LAH-0310	20200	17700	13200	9630	6970

MEDIUM TEMPERATURE R-22 (MODELS C1, CTT1, KS1)

MODEL NUMBER C/KS/CTT	HP	COMPRESSOR R MODEL NUMBER	BTU/HR @ 95 DEG. F AMBIENT						
			+45 suc.	+35 suc.	+25 suc.	+20 suc.	+15 suc.	+10 suc.	0 suc.
0075M22	.75	KAN-0075	9960	8070	6400	5660	4960	4320	3170
0100M22	1.0	KAR-0100	13950	11430	9240	8260	7360	6530	5090
0150M22	1.5	KAG-0150	17800	14600	11780	10500	9300	8180	6150
0200M22	2.0	KAK-0200	23400	19280	15700	14070	12510	10990	8010
0300M22	3.0	ERF-0310	36020	29860	24340	21830	19480	17290	13430

The approximate capacity for 85 deg. F and 105 deg. F ambient air is as follows: For low temperature models at 85 deg. F air, increase capacity by 9%. For medium temperature models at 85 deg. F air, increase capacity by 6%. For low temperature models at 105 deg. F ambient air, decrease capacity by 9%. For medium temperature models at 105 deg. F air, decrease capacity by 6%. All units are designed for ambient temperatures up to 110 deg F.

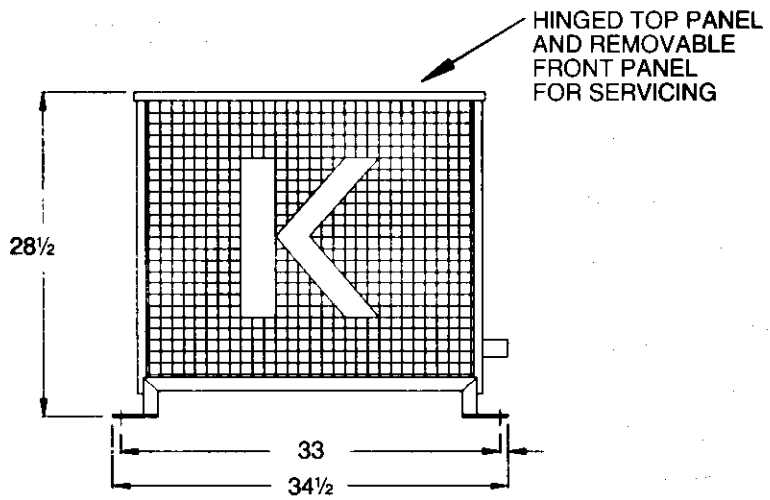
KRAMER 3/4 THRU 3 HP CONDENSING UNITS

PHYSICAL AND ELECTRICAL DATA

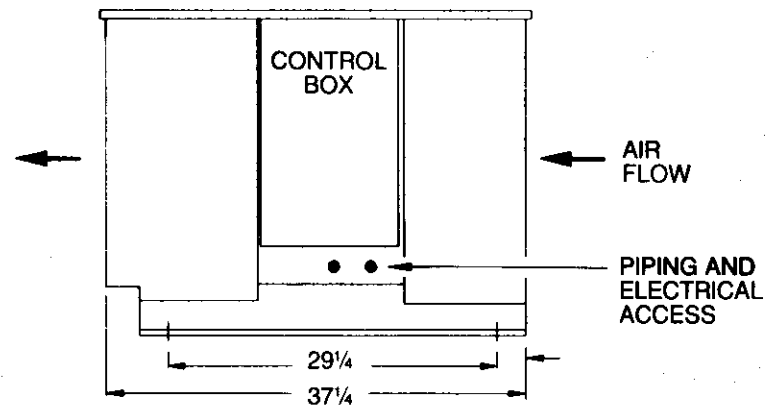
MODEL NUMBER C/KS/CTT	CONNECTIONS (in)		REC'R CAP. 90% (lbs)	ELECTRICAL DATA (1)						APPRX. SHIP. WT. (lbs)
				AMPS @ 230/1/60			AMPS @ 230/3/60			
	SUCTION (ODS)	LIQUID (ODS)		COMPRESSOR		COND.	COMPRESSOR		COND.	
				FLA	LRA	FAN	FLA	LRA	FAN	
0075L22	5/8	3/8	6	5.6	36.0	2.8	3.2	19.9	2.8	380
0100L22	5/8	3/8	6	6.9	40.0	2.8	4.5	27.0	2.8	390
0150L22	7/8	3/8	10	10.6	55.0	2.8	6.8	50.0	2.8	405
*0200L22	7/8	3/8	10	8.4	58.0	2.8	6.8	46.0	2.8	490
0300L22	1-1/8	1/2	17.4	16.6	93.0	2.8	10.7	82.0	2.8	550
0075L52	5/8	3/8	6	5.6	36.0	2.8	2.7	19.9	2.8	380
0100L52	5/8	3/8	6	6.9	40.0	2.8	3.4	25.0	2.8	390
0150L52	7/8	3/8	10	9.9	55.0	2.8	5.4	35.5	2.8	405
0300L52	1-1/8	1/2	17.4	15.1	86.0	2.8	10.7	82.0	2.8	550
0075M22	5/8	3/8	6	6.1	36.0	2.8	3.5	19.9	2.8	380
*0100M22	5/8	3/8	6	7.4	40.0	2.8	4.3	27.0	2.8	390
*0150M22	7/8	3/8	10	9.6	55.0	2.8	5.5	35.5	2.8	415
*0200M22	7/8	3/8	10	10.6	55.0	2.8	6.8	50.0	2.8	490
*0300M22	1-1/8	1/2	17.4	17.0	86.0	2.8	12.4	82.0	2.8	550

(1) Model numbers shown with an asterisk are available in a 460/3/60 version.

For your convenience the diagram(s) originally here has(have) been enlarged, and can be found just after this page in the Adobe document.

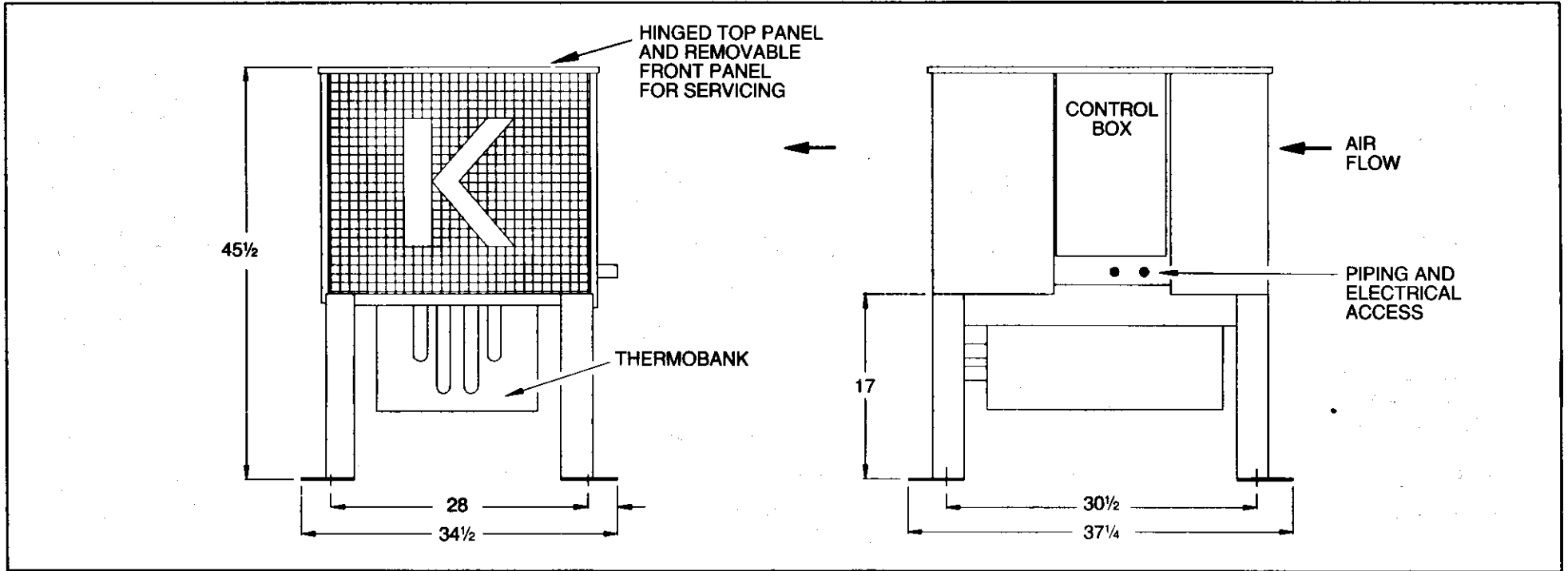


FRONT VIEW



SIDE VIEW

Dimensional data for "C, and KS" style units.



Dimensional data for "CTT" style units.

Kramer Split Systems

R-22

ELECTRIC DEFROST SYSTEMS

-30 DEG. ROOM		<i>"LPE"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP.
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		WATTS 95 DEG	
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0150L22/ LPE-46	3000	6.5	2700	6.0	2600	5.7	2500	5.4	2200	4.9	700	
KS1*0200L22/ LPE-46	3500	7.6	3200	7.0	3100	6.7	3000	6.4	2700	5.8	870	
KS1* 0300L22 / LPE-46	5400	11.9	5000	11.0	4800	10.5	4600	10.0	4100	9.0	1500	

-20 DEG. ROOM		<i>"LPE"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMR
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		WATTS 95 DEG	
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1* 0100L227 LPE-46	3500	7.7	3200	7.1	3100	6.8	3000	6.5	2700	5.8	760	
KS1*0150L22/ LPE-46	4000	8.6	3700	8.0	3500	7.6	3300	7.3	3000	6.5	830	
KS1*0200L227 LPE-46	4900	10.6	4500	9.7	4300	9.3	4100	8.9	3700	8.0	1100	
KS1*0300L22/LPE-71	8300	11.7	7600	10.8	7300	10.3	7000	9.8	6300	8.8	1850	

-10 DEG. ROOM		<i>"LPE"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP.
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		WATTS 95 DEG	
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0075L227 LPE-46	3600	7.8	3300	7.2	3200	6.9	3100	6.6	2800	6.0	640	
KS1*0100L227 LPE-46	4500	9.8	4200	9.1	4000	8.7	3800	8.3	3500	7.6	880	
KS1*0150L227 LPE-46	5100	10.9	4700	10.1	4500	9.7	4300	9.3	3900	8.4	970	
KS1*0200L22/LPE-71	7100	10.0	6600	9.3	6300	8.9	6000	8.5	5500	7.7	1340	
KS1*0300L22 / LPE-138	13300	9.6	12300	8.9	11800	8.5	11300	8.1	10300	7.4	2320	

0 DEG. ROOM		<i>"LPE"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP.
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		WATTS 95 DEG	
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0075L22/ LPE-46	4500	9.8	4200	9.0	4000	8.7	3800	8.4	3500	7.7	740	
KS1*0100L22/ LPE-46	5600	12.2	5200	11.2	5000	10.8	4800	10.4	4400	9.6	1000	
KS1*0150L22/LPE-71	7000	9.9	6400	9.1	6200	8.8	6000	8.5	5500	7.8	1110	
KS1*0200L22/LPE-92	9600	10.4	8800	9.6	8500	9.2	8200	8.8	7500	8.1	1580	
KS1*0300L22/LPE-138	17100	12.4	15700	11.4	15100	11.0	14500	10.6	13400	9.7	2840	

Asterisk (*) denotes "R - Roof Mounted Unit", or "P = Pad Mounted Unit".

Kramer Split Systems

R-22

ELECTRIC DEFROST SYSTEMS

+20 DEG. ROOM		<i>"LPE"</i>									
SYSTEM CAPACITY (Btu/hr)											
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		COMP. WATTS 95 DEG
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	
KS1*0075M22/LPE-46	4600	10.0	4400	9.4	4200	9.1	4000	8.8	3800	8.2	600
KS1*0100M22/LPE-71	7100	9.9	6600	9.3	6400	9.0	6200	8.7	5700	8.1	940
KS1*0150M22/LPE-71	8400	11.8	7900	11.1	7600	10.7	7300	10.3	6800	9.6	1050
KS1*0200M22 / LPE-92	11200	12.1	10500	11.4	10100	11.0	9700	10.6	9000	9.9	1460
KS1*0300M22/LPE-184	18500	10.0	17400	9.4	16800	9.1	16200	8.8	15100	8.2	2720

+30 DEG. ROOM		<i>"LVE"</i>									
SYSTEM CAPACITY (Btu/hr)											
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		COMP. WATTS 95 DEG
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	
KS1*0075M22/LVE-65	6200	9.5	5800	8.9	5600	8.6	5400	8.3	5000	7.7	690
KS1*0100M22/LVE-65	8400	12.8	7900	12.0	7600	11.6	7300	11.2	6800	10.5	1110
KS1*0150M22/LVE-105	11100	10.6	10500	9.9	10100	9.6	9700	9.3	9100	8.6	1200
KS1*0200M22 / LVE-140	14900	10.7	14000	10.0	13500	9.7	13000	9.4	12200	8.7	1690
KS1*0300M22 / LVE-180	22200	12.3	20900	11.6	20200	11.2	19500	10.8	18200	10.1	3230

<i>"LPE"</i>											
KS1*0075M22 / LPE-46	5700	12.4	5400	11.7	5200	11.3	5000	10.9	4700	10.2	660
KS1*0100M22/LPE-71	8500	11.9	8000	11.2	7700	10.8	7400	10.4	6900	9.7	1060
KS1*0150M227 LPE-92	10800	11.8	10100	11.1	9800	10.7	9500	10.3	8800	9.6	1160
KS1*0200M22/LPE-138	14900	10.8	14000	10.1	13500	9.8	13100	9.5	12100	8.8	1620
KS1*0300M22 / LPE-184	22400	12.1	21000	11.4	20300	11.0	19600	10.6	18200	9.9	3060

+35 DEG. ROOM		<i>"LVE"</i>									
SYSTEM CAPACITY (Btu/hr)											
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		96 deg. F amb.		100 deg. F amb.		110 deg. F amb.		COMP. WATTS 95 DEG
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	
KS1*0075M22/LVE-65	6800	10.4	6400	9.8	6200	9.5	6000	9.2	5600	8.6	690
KS1*0100M22/LVE-105	10000	9.6	9400	9.0	9100	8.7	8800	8.4	8200	7.8	1110
KS1*0150M22 / LVE-105	12200	11.5	11500	10.9	11100	10.5	10700	10.1	10000	9.5	1200
KS1*0200M227 LVE-140	16300	11.6	15300	11.0	14800	10.6	14300	10.2	13300	9.6	1690
KS1*0300M22 / LVE-215	25100	11.6	23700	11.0	22900	10.6	22100	10.2	20600	9.6	3230

<i>"LPE"</i>											
KS1*0075M22/LPE-71	6900	9.7	6500	9.1	6300	8.8	6100	8.5	5700	7.9	690
KS1*0100M227 LPE-92	9800	10.7	9200	10.0	8900	9.7	8600	9.4	8000	8.7	1110
KS1*0150M22 / LPE-92	11700	12.8	11100	12.1	10700	11.7	10300	11.3	9600	10.5	1200
KS1*0200M22/LPE-138	16100	11.7	15200	11.1	14700	10.7	14200	10.3	13200	9.6	1690
KS1*0300M22/LPE-220	25300	11.4	23800	10.8	23000	10.4	22200	10.0	20700	9.4	3230

Asterisk (*) denotes "R - Roof Mounted Unit", or "P = Pad Mounted Unit".

Kramer Split Systems

R-22

AIR DEFROST SYSTEMS

+35 DEG. ROOM		"C"										
		SYSTEM CAPACITY (Btu/hr)										COMR WATTS 95 DEG
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.			
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0075M22/C-62	6700	10.8	6300	10.2	6100	9.8	5900	9.5	5500	8.8	690	
KS1*0100M22/C-78	9400	12.1	8900	11.4	8600	11.0	8300	10.6	7700	9.9	1110	
KS1*0150M22/C-130	12600	9.8	11900	9.2	11500	8.9	11100	8.6	10400	8.0	1200	
KS1*0200M22/C-130	16000	12.3	15100	11.6	14600	11.2	14100	10.8	13200	10.1	1690	
KS1*0300M22/C-180	24200	13.4	22800	12.6	22000	12.2	21200	11.8	19800	11.0	3230	

"LV"

KS1*0075M22/LV-65	6800	10.4	6400	9.8	6200	9.5	6000	9.2	5600	8.6	690
KS1*0100M22/LV-105	10000	9.6	9400	9.0	9100	8.7	8800	8.4	8200	7.8	1110
KS1*0150M22/LV-105	12200	11.5	11500	10.9	11100	10.5	10700	10.1	10000	9.5	1200
KS1*0200M22/LV-140	16300	11.6	15300	11.0	14800	10.6	14300	10.2	13300	9.6	1690
KS1*0300M22/LV-215	25100	11.6	23700	11.0	22900	10.6	22100	10.2	20600	9.6	3230

"LP"

KS1*0075M22/LP-52	6500	12.4	6100	11.7	5900	11.3	5700	10.9	5300	10.2	690
KS1*0100M22/LP-80	9400	11.9	8900	11.2	8600	10.8	8300	10.4	7700	9.7	1110
KS1*0150M22/LP-97	12000	12.3	11300	11.6	10900	11.2	10500	10.8	9800	10.1	1200
KS1*0200M22/LP-156	16600	10.7	15600	10.0	15100	9.7	14600	9.4	13600	8.7	1690
KS1*0300M22 / LP-208	24900	12.0	23500	11.3	22700	10.9	21900	10.5	20500	9.8	3230

+40 DEG. ROOM		"C"										
		SYSTEM CAPACITY (Btu/hr)										COMP. WATTS 95 DEG
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.			
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0075M22/C-62	7400	11.9	7000	11.2	6800	10.9	6600	10.6	6200	9.9	720	
KS1*0100M22/C-83	10500	12.6	9900	11.9	9600	11.5	9300	11.1	8700	10.4	1170	
KS1*0150M22/C-130	13900	10.7	13100	10.1	12700	9.8	12300	9.5	11500	8.9	1250	
KS1*0200M22/C-180	18600	10.3	17500	9.7	17000	9.4	16500	9.1	15400	8.5	1760	

"LV"

KS1*0075M22/LV-65	7400	11.5	7000	10.8	6800	10.5	6600	10.2	6200	9.5	720
KS1*0100M22/LV-105	10900	10.4	10300	9.8	10000	9.5	9700	9.2	9100	8.6	1170
KS1*0150M22/LV-105	13300	12.7	12600	12.0	12200	11.6	11800	11.2	11100	10.5	1250
KS1*0200M22 / LV-140	17700	12.7	16700	12.0	16200	11.6	15700	11.2	14700	10.5	1760
KS1*0300M22 / LV-215	27400	12.8	25900	12.1	25100	11.7	24300	11.3	22800	10.6	3390

"LP"

KS1*0075M22/LP-66	7400	11.4	7000	10.7	6800	10.4	6600	10.1	6200	9.4	720
KS1*0100M22/LP-80	10400	13.0	9800	12.3	9500	11.9	9200	11.5	8600	10.8	1170
KS1*0150M22/LP-104	13300	12.8	12600	12.1	12200	11.7	11800	11.3	11100	10.6	1250
KS1*0200M22/LP-156	18100	11.6	17100	10.9	16600	10.6	16100	10.3	15100	9.6	1760
KS1*0300M22 / LP-208	27200	13.1	25700	12.4	24900	12.0	24100	11.6	22600	10.9	3390

Asterisk (*) denotes "R - Roof Mounted Unit", or "P = Pad Mounted Unit".

Kramer Split Systems

R-22

AIR DEFROST SYSTEMS

+50 DEG. ROOM		"C"										
		SYSTEM CAPACITY (Btu/hr)										COMP. WATT S 95
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F		95 deg. F amb.		100 deg. F		110 deg. F			
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0075M22/C-78	9200	11.8	8700	11.1	8400	10.8	8100	10.5	7600	9.8	770	
KS1*0100M22/C-130	13400	10.3	12700	9.7	12300	9.4	11900	9.1	11200	8.5	1270	
KS1*0150M22/C-130	16400	12.6	15500	11.9	15000	11.5	14500	11.1	13600	10.4	1330	
KS1*0200M22/C-180	21700	12.1	20500	11.4	19900	11.1	19300	10.7	18000	10.1	1910	

"LP"

KS1*0075M22/LP-80	9300	11.6	8800	10.9	8500	10.6	8200	10.3	7700	9.6	770
KS1*0100M22/LP-104	12900	12.3	12200	11.7	11800	11.3	11400	10.9	10700	10.2	1270
KS1*0150M22/LP-156	16900	10.8	16000	10.2	15500	9.9	15000	9.6	14100	9.0	1330
KS1*0200M22/LP-208	22400	10.7	21100	10.1	20500	9.8	19800	9.5	18600	8.9	1910
KS1*0300M22/LP-275	33600	12.2	31800	11.5	30800	11.2	29800	10.8	27900	10.2	3710

+50 DEG WORKROOM		"LV"										
		SYSTEM CAPACITY (Btu/hr)										COMP. WATT S 95
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F		95 deg. F amb.		100 deg. F		110 deg. F			
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0100M22/LV-65	11500	17.7	10800	16.7	10500	16.2	10200	15.7	9500	14.7	1270	
KS1*0150M22/LV-105	13700	21.0	12900	19.8	12500	19.2	12100	18.6	11300	17.4	1330	
KS1*0200M22 / LV-105	19100	18.2	18000	17.2	17500	16.7	16900	16.2	15900	15.1	1910	
KS1*0300M22/LV-140	28500	20.4	26900	19.3	26100	18.7	25300	18.1	23700	17.0	3710	

Asterisk (*) denotes "R = Roof Mounted Unit", or "P = Pad Mounted Unit".

Kramer Split Systems

R-502

ELECTRIC DEFROST SYSTEMS

-30 DEG. ROOM		<i>"LPE"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP.
SYSTEM	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		WATTS 95 DEG	
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0150L52/LPE-46	4100	8.9	3800	8.2	3600	7.8	3400	7.4	3100	6.7	1010	
KS1*0200L52/LPE-46	5300	11.7	4900	10.8	4700	10.3	4500	9.8	4000	8.8	1260	
KS1*0300L52/LPE-71	7500	10.6	6900	9.7	6600	9.3	6300	8.9	5700	8.0	1750	

-20 DEG. ROOM		<i>"LPE"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP.
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		WATTS 95 DEG	
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0100L52/LPE-46	3900	8.3	3600	7.6	3400	7.3	3200	7.0	2900	6.3	740	
KS1*0150L52/LPE-46	5100	11.1	4700	10.3	4500	9.8	4300	9.4	3900	8.4	1140	
KS1*0200L52/LPE-71	7600	10.7	7000	9.8	6700	9.4	6400	9.0	5800	8.1	1530	
KS1*0300L52/LPE-92	10200	11.1	9400	10.3	9000	9.8	8600	9.4	7700	8.4	2150	

-10 DEG. ROOM		<i>"LPE"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP.
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		WATTS 95 DEG	
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0075L52/LPE-46	3800	8.3	3500	7.7	3400	7.4	3300	7.1	3000	6.4	710	
KS1*0100L52/LPE-46	4800	10.5	4500	9.7	4300	9.3	4100	8.9	3700	8.1	870	
KS1*0150L52/LPE-71	7100	9.9	6600	9.2	6300	8.8	6000	8.4	5500	7.7	1310	
KS1*0200L52/LPE-92	9800	10.7	9100	9.9	8700	9.5	8300	9.1	7600	8.3	1820	
KS1*0300L52/LPE-138	14300	10.3	13200	9.6	12700	9.2	12200	8.8	11000	8.0	2520	

0 DEG. ROOM		<i>"LPE"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP.
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		WATTS 95 DEG	
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
KS1*0075L52/LPE-46	4800	10.5	4500	9.7	4300	9.3	4100	8.9	3700	8.1	830	
KS1*0100L52/LPE-71	6400	9.1	5900	8.4	5700	8.1	5500	7.8	5000	7.0	1020	
KS1*0150L52/LPE-71	8700	12.3	8000	11.4	7700	10.9	7400	10.4	6700	9.5	1500	
KS1*0200L52/LPE-138	12900	9.3	12000	8.6	11500	8.3	11000	7.9	10000	7.2	2130	
KS1*0300L52/LPE-184	19100	10.5	17700	9.7	17000	9.3	16300	8.9	14800	8.1	3020	

Asterisk (*) denotes "R = Roof Mounted Unit", or "P = Pad Mounted Unit".

Kramer Split Systems

R-22

HOT GAS DEFROST THERMOKANK II SYSTEMS

-30 DEG. ROOM		<i>"LPG"</i>									
SYSTEM CAPACITY (Btu/hr)											COMP. WATTS 95 DEG
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		
		Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.
CTT1*0150L22 / LPG-46	3000	6.5	2700	6.0	2600	5.7	2500	5.4	2200	4.9	700
CTT1*0200L22 / LPG-46	3500	7.6	3200	7.0	3100	6.7	3000	6.4	2700	5.8	870
CTT1*0300L22 / LPG-46	5400	11.9	5000	11.0	4800	10.5	4600	10.0	4100	9.0	1500

-20 DEG. ROOM		<i>"LPG"</i>									
SYSTEM CAPACITY (Btu/hr)											COMP. WATTS 95 DEG
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		96 deg. F amb.		100 deg. F amb.		110 deg. F amb.		
		Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.
CTT1*0100L22 / LPG-46	3500	7.7	3200	7.1	3100	6.8	3000	6.5	2700	5.8	760
CTT1*0150L22 / LPG-46	4000	8.6	3700	8.0	3500	7.6	3300	7.3	3000	6.5	830
CTT1*0200L22 / LPG-46	4900	10.6	4500	9.7	4300	9.3	4100	8.9	3700	8.0	1100
CTT1*0300L22 / LPG-71	8300	11.7	7600	10.8	7300	10.3	7000	9.8	6300	8.8	1850

-10 DEG. ROOM		<i>"LPG"</i>									
SYSTEM CAPACITY (Btu/hr)											COMP. WATTS 95 DEG
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		
		Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.O.	Btuh	T.D.
CTT1*0075L22 / LPG-46	3600	7.8	3300	7.2	3200	6.9	3100	6.6	2800	6.0	640
CTT1*0100L227 LPG-46	4500	9.8	4200	9.1	4000	8.7	3800	8.3	3500	7.6	880
CTT1*0150L22 / LPG-46	5100	10.9	4700	10.1	4500	9.7	4300	9.3	3900	8.4	970
CTT1*0200L22 / LPG-71	7100	10.0	6600	9.3	6300	8.9	6000	8.5	5500	7.7	1340
CTT1*0300L22 / LPG-138	13300	9.6	12300	8.9	11800	8.5	11300	8.1	10300	7.4	2320

0 DEG. ROOM		<i>"LPG"</i>									
SYSTEM CAPACITY (Btu/hr)											COMP. WATTS 95 DEG
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		
		Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.
CTT1*0075L22 / LPG-46	4500	9.8	4200	9.0	4000	8.7	3800	8.4	3500	7.7	740
CTT1*0100L22 / LPG-46	5600	12.2	5200	11.2	5000	10.8	4800	10.4	4400	9.6	1000
CTT1*0150L22 / LPG-71	7000	9.9	6400	9.1	6200	8.8	6000	8.5	5500	7.8	1110
CTT1*0200L22 / LPG-92	9600	10.4	8800	9.6	8500	9.2	8200	8.8	7500	8.1	1580
CTT1*0300L22 / LPG-138	17100	12.4	15700	11.4	15100	11.0	14500	10.6	13400	9.7	2840

+20DEG. ROOM		<i>"LPG"</i>									
SYSTEM CAPACITY (Btu/hr)											COMP. WATTS 95 DEG
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.		
		Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.
CTT1*0075M22 / LPG-46	4600	10.0	4400	9.4	4200	9.1	4000	8.8	3800	8.2	600
CTT1*0100M22 / LPG-71	7100	9.9	6600	9.3	6400	9.0	6200	8.7	5700	8.1	940
CTT1*0150M22 / LPG-71	8400	11.8	7900	11.1	7600	10.7	7300	10.3	6800	9.6	1050
CTT1*0200M22 / LPG-92	11200	12.1	10500	11.4	10100	11.0	9700	10.6	9000	9.9	1460
CTT1*0300M22 / LPG-184	18500	10.0	17400	9.4	16800	9.1	16200	8.8	15100	8.2	2720

Asterisk (*) denotes "R = Roof Mounted Unit", or "P = Pad Mounted Unit".

Kramer Split Systems

R-502

HOT GAS DEFROST THERMOBANK II SYSTEMS

-30 DEG. ROOM		<i>"LPG"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP. WATTS 95 DEG
SYSTEM MODEL	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F amb.		110 deg. F amb.			
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
CTT1*0150L52/ LPG-46	4100	8.9	3800	8.2	3600	7.8	3400	7.4	3100	6.7	1010	
CTT1*0200L52/ LPG-46	5300	11.7	4900	10.8	4700	10.3	4500	9.8	4000	8.8	1260	
CTT1*0300L52 / LPG-71	7500	10.6	6900	9.7	6600	9.3	6300	8.9	5700	8.0	1750	

-20DEG. ROOM		<i>"LPG"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP. WATTS 95 DEG
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F amb.		95 deg. F amb.		100 deg. F		110 deg. F			
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
CTT1*0100L52/ LPG-46	3900	8.3	3600	7.6	3400	7.3	3200	7.0	2900	6.3	740	
CTT1*0150L52 / LPG-46	5100	11.1	4700	10.3	4500	9.8	4300	9.4	3900	8.4	1140	
CTT1*0200L52/ LPG-71	7600	10.7	7000	9.8	6700	9.4	6400	9.0	5800	8.1	1530	
CTT1*0300L52 / LPG-92	10200	11.1	9400	10.3	9000	9.8	8600	9.4	7700	8.4	2150	

-10 DEG. ROOM		<i>"LPG"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP. WATTS 95
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F		95 deg. F amb.		100 deg. F		110 deg. F			
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
CTT1*0075L52 / LPG-46	3800	8.3	3500	7.7	3400	7.4	3300	7.1	3000	6.4	710	
CTT1*0100L52/ LPG-46	4800	10.5	4500	9.7	4300	9.3	4100	8.9	3700	8.1	870	
CTT1*0150L52/ LPG-71	7100	9.9	6600	9.2	6300	8.8	6000	8.4	5500	7.7	1310	
CTT1*0200L52/ LPG-92	9800	10.7	9100	9.9	8700	9.5	8300	9.1	7600	8.3	1820	
CTT1*0300L52 / LPG-138	14300	10.3	13200	9.6	12700	9.2	12200	8.8	11000	8.0	2520	

O DEG. ROOM		<i>"LPG"</i>										
		SYSTEM CAPACITY (Btu/hr)										COMP. WATTS 95 DEG
SYSTEM MODEL NUMBER	80 deg. F amb.		90 deg. F		95 deg. F		100 deg. F amb.		110 deg. F amb.			
	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.	Btuh	T.D.		
CTT1*0075L52 / LPG-46	4800	10.5	4500	9.7	4300	9.3	4100	8.9	3700	8.1	830	
CTT1*0100L52/ LPG-71	6400	9.1	5900	8.4	5700	8.1	5500	7.8	5000	7.0	1020	
CTT1*0150L52/ LPG-71	8700	12.3	8000	11.4	7700	10.9	7400	10.4	6700	9.5	1500	
CTT1*0200L52/ LPG-138	12900	9.3	12000	8.6	11500	8.3	11000	7.9	10000	7.2	2130	
CTT1*0300L52 / LPG-184	19100	10.5	17700	9.7	17000	9.3	16300	8.9	14800	8.1	3020	

Asterisk (*) denotes "R = Roof Mounted Unit", or "P = Pad Mounted Unit".

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