



**BULLETIN**

**P-875**

SUPERSEDES  
ALL PRICES PRIOR  
TO March, 2015

**KS & CTT  
12 - 70 HP**

**March, 2015**

**LIST PRICES  
12 - 70 HP  
"KS" KRAMER SAVER  
"CTT" THERMOBANK  
CONDENSING UNITS**

ALL PRODUCTS, EXCEPT SURFACE COILS AND PARTS, ARE SHIPPED F.O.B. POINT OF SHIPMENT WITH FULL FREIGHT ALLOWED ON SINGLE ORDERS WITH A NET PRICE VALUE OF \$7000.00 OR MORE, WITHIN THE CONTINENTAL USA (EXCLUDING ALASKA AND HAWAII). ANY ADDITIONAL COSTS INCURRED FOR SPECIAL ROUTING AND HANDLING REQUESTS WILL BE INVOICED.

**INDEX**

<b>PAGE</b>	<b>DESCRIPTION</b>
2, 3	KRAMER SAVER - AIR DEFROST LIST PRICES (H22,H44), FEATURES AND NOTES
4, 5	KRAMER SAVER - ELECTRIC DEFROST LIST PRICES (L44, L22), (M44, M22), FEATURES AND NOTES
6, 7	THERMOBANK - HOT GAS DEFROST LIST PRICES (M22, M44, L22, L44), FEATURES AND NOTES
8	OPTIONS, 4 YEAR EXTENDED COMPRESSOR WARRANTIES, FREIGHT SURCHARGES



TELEPHONE (770) 788-5800  
FAX ORDER HOTLINE (770) 788-5820  
Visit us on the web at: <http://kramer.htpgusa.com>  
1123 Church Street, #204, Covington, GA 30015

## AIR DEFROST - KRAMER SAVER 12 - 70 HP

REFR.	MODEL "KS"	BASIC UNITS			SUCTION ACCUM.	OIL SEP.	CYLIND. UNLOAD	NON FUSED (1) DISCONNECT		
		230/3	460/3	575/3				230V/3/60	460V/3/60	575V/3/60
R-407C R-507 R-404A MEDIUM TEMP AIR DEFROST	KS21200M44	\$37,111	\$38,864	N/A	\$2,064	\$1,437	\$922	\$1,918	\$2,276	\$2,276
	KS21500M44	40,160	41,189	41,932	2,064	1,437	1,995	2,057	2,710	2,710
	KS22000M44	44,221	46,868	47,213	2,064	2,374	1,995	2,057	2,710	2,710
	KS22500M44	52,244	52,537	53,502	2,584	2,374	1,995	2,057	2,710	2,710
	KS23000M44	60,799	63,069	64,235	2,584	2,374	1,995	3,514	3,615	3,615
	KS23500M44	68,265	70,308	71,620	2,584	2,374	3,984	3,514	3,615	3,615
	KS24000M44	74,564	77,206	78,656	3,743	2,374	3,984	3,514	3,615	3,615
	† KS25001M44	119,975	122,666	125,039	3,743	INCL	3,984	-	4,588	4,588
	† KS26001M44	138,338	141,323	144,069	3,743	INCL	3,984	-	-	-
† KS27001M44	152,392	155,003	158,023	3,743	INCL	3,984	-	-	-	

Units are available for R404A (M44), R507 (M57) OR R407C (H47). Add the appropriate suffix to the model number.

Price shown for compressor unloading is for single bank only unless otherwise stated below.

† Dual Compressor Unit piped in parallel and supplied with Oil Equalization System and Oil Separator.

Price shown for unloading on dual compressor units is for 1 bank of one compressor only.

### NOTE - Nomenclature for large condensing units

#### Example:

KS25000M44 (fourth digit of unit size - 5000, 5001, or 5002)

- \_\_\_\_\_ 0 = SINGLE COMPRESSOR (1 - 50HP)
- \_\_\_\_\_ 1 = DUAL COMPRESSORS - PARALLEL PIPED (STANDARD) (2 - 25HP)
- \_\_\_\_\_ 2 = DUAL COMPRESSORS - DUAL PIPED (SPECIAL OPTION) (2 - 25HP)

1. Non Fused Disconnect shipped loose.

All models have POE lubricant as standard.

CTT2 = Copeland DISCUS Compressor

KS3 = CARLYLE Compressor

KS4 = Bitzer Compressor

See page 8 for additional options. Liquid/Suction Heat Exchanger Shipped Loose.

TO OBTAIN SYSTEM PRICES, USE PRICE SHEET **P-858A** TO PRICE SYSTEM EVAPORATORS FOR ALL "KS" CONDENSING UNITS.

# **KRAMER SAVER AIR DEFROST SYSTEM**

## **STANDARD FEATURES**

1. HI-LO PRESSURE SWITCH, AUTO RESET LOW / MANUAL RESET HIGH
2. ELECTRONIC OIL PRESSURE CONTROL (5 HP) AND UP
3. CONTACTORS & OVERLOAD PROTECTORS
4. SUCTION & DISCHARGE VIBRATION ELIMINATORS
5. MANUAL COMPRESSOR SWITCH & PUMPDOWN SWITCH
6. CRANKCASE HEATER
7. WEATHER PROOF HOUSING
8. RECEIVER WITH SERVICE VALVE
9. FUSIBLE PLUG
10. MINIMUM CHARGE MONITOR - DUAL SIGHT GLASSES W/ MOISTURE INDICATOR
11. SUCTION LINE FILTER - REPLACEABLE CORE TYPE
12. LIQUID LINE DRIER - REPLACEABLE CORE TYPE
13. DEFROST TIMER (SEE NOTE 1 and 2)
14. LIQUID LINE SOLENOID VALVE (SEE NOTE 1)
15. ROOM THERMOSTAT (SEE NOTE 1)
16. THERMOSTATIC EXPANSION VALVE (1 PER EVAP.) (SEE NOTE 1)
17. BRAIDED HOSE LINES
18. CONTROL CIRCUIT TRANSFORMER (460V UNITS ONLY)
19. SUB CIRCUIT FUSING

### **NOTES:**

1. Item shipped loose for field installation.  
SEE PAGE 8 FOR ADDITIONAL OPTIONS

## ELECTRIC DEFROST - KRAMER SAVER 12 - 70 HP

REFR.	MODEL "KS"	BASIC UNITS			SUCTION ACCUM.	OIL SEP.	CYLIND. UNLOAD	NON FUSED (1) DISCONNECT		
		230/3	460/3	575/3				230 V	460 V	575V
R-407C R-507 R-404A MEDIUM TEMP ELECTRIC DEFROST	KS21200M44	\$38,967	\$40,807	N/A	\$2,064	\$1,437	\$1,995	\$2,057	\$2,710	\$2,710
	KS21500M44	42,356	43,385	44,128	2,064	1,437	1,995	2,057	2,710	2,710
	KS22000M44	46,417	48,564	49,409	2,584	2,374	1,995	2,057	2,710	2,710
	KS22500M44	54,233	54,526	55,491	2,584	2,374	1,995	2,057	2,710	2,710
	KS23000M44	62,788	65,058	66,224	2,584	2,374	1,995	3,514	3,615	3,615
	KS23500M44	70,254	72,297	73,609	2,584	2,374	1,995	3,514	3,615	3,615
	KS24000M44	76,553	79,195	80,645	2,584	2,374	1,995	3,514	3,615	3,615
	† KS25001M44	122,094	124,785	127,158	3,743	INCL	1,995	-	4,588	4,588
	† KS26001M44	140,457	143,442	146,188	3,743	INCL	1,995	-	-	-
† KS27001M44	154,511	157,122	160,142	3,743	INCL	3,984	-	-	-	
R-507 R-404A LOW TEMP ELECTRIC DEFROST	KS21200L44	\$42,383	\$44,412	\$47,685	\$2,064	\$1,437	SEE NOTE 2	\$2,057	\$2,710	\$2,710
	KS21500L44	45,457	46,595	50,233	2,064	1,437		2,057	2,710	2,710
	KS22200L44	52,109	52,840	56,660	2,064	1,437		2,057	2,710	2,710
	KS22700L44	58,414	60,390	61,476	2,584	2,374		2,057	2,710	2,710
	KS23100L44	64,094	66,264	67,467	2,584	2,374		-	3,615	3,615
	† KS24401L44	116,222	117,745	119,978	3,743	INCL		-	3,615	3,615
	† KS25401L44	128,813	130,908	133,404	3,743	INCL		-	3,615	3,615
	† KS26201L44	140,353	141,732	144,444	3,743	INCL		-	-	-

Medium Temp Units available for R404A (M 44), R507 (M57) or R407C (H47). Add the appropriate suffix to the model number.

Price shown for compressor unloading is for single bank only unless otherwise stated below

† Dual Compressor Unit piped in parallel and supplied with Oil Equalization System and Oil Separator

Price shown for unloading on dual compressor units is for 1bank of one compressor only.

CTT2 = Copeland DISCUS Compressor

KS3 = CARLYLE Compressor available - Contact Factory for pricing.

KS4 = BITZER Compressor

KS5 = Demand Cooling

*See page 8 for additional options. Liquid/Suction Heat Exchanger Shipped Loose.*

TO OBTAIN SYSTEM PRICES, USE PRICE SHEET **P-858A** TO PRICE SYSTEM EVAPORATORS FOR ALL "KS" CONDENSING UNITS.

**SEE NOMENCLATURE EXAMPLE ON PAGE 2**

# **KRAMER SAVER ELECTRIC DEFROST SYSTEM**

## **STANDARD FEATURES**

1. HI-LO PRESSURE SWITCH, AUTO RESET LOW / MANUAL RESET HIGH
2. ELECTRONIC OIL PRESSURE CONTROL (5 HP AND UP)
3. CONTACTORS & OVERLOAD PROTECTORS
4. SUCTION & DISCHARGE VIBRATION ELIMINATORS
5. MANUAL COMPRESSOR SWITCH / PUMPDOWN SWITCH
6. CRANKCASE HEATER
7. WEATHER PROOF HOUSING
8. RECEIVER W/ SERVICE VALVE
9. FUSIBLE PLUG
10. MINIMUM CHARGE MONITOR - DUAL SIGHT GLASSES W/ MOISTURE INDICATOR
11. SUCTION LINE FILTER - REPLACEABLE CORE TYPE
12. LIQUID LINE DRIER - REPLACEABLE CORE TYPE
13. DEFROST TIMER W/ CONTACTORS (AS REQUIRED)
14. LIQUID LINE SOLENOID VALVE (SEE NOTE 1)
15. ROOM THERMOSTAT (SEE NOTE 1)
16. THERMOSTATIC EXPANSION VALVE (1 PER EVAP.) (SEE NOTE 1)
17. BRAIDED HOSE LINES
18. CONTROL CIRCUIT TRANSFORMER (460V UNITS ONLY)
19. SUB CIRCUIT FUSING

SEE PAGE 8 FOR ADDITIONAL OPTIONS

### **NOTES:**

1. Item shipped loose for field installation.  
SEE PAGE 8 FOR ADDITIONAL OPTIONS

# CTT THERMOBANK 12 - 70 HP

## When ordered as condensing unit only

REFR.	MODEL "CTT"	BASIC UNITS			SUCTION ACCUM.	OIL SEP.	NON FUSED (1) DISCONNECT		
		230/3	460/3	575/3			230 V	460 V	575 V
R-507 R-404A MEDIUM TEMP HOT GAS DEFROST	CTT21500M44	54,597	55,734	56,849	2,064	1,437	2,057	2,710	2,710
	CTT22000M44	61,163	65,258	66,770	2,064	2,374	2,057	2,710	2,710
	CTT22500M44	77,666	80,052	81,654	2,584	2,374	2,057	2,710	2,710
	CTT23000M44	83,706	86,597	88,330	2,584	2,374	3,514	3,615	3,615
	CTT23500M44	93,208	95,811	97,727	2,584	2,374	3,514	3,615	3,615
	CTT24000M44	101,225	104,590	106,683	2,584	2,374	3,514	3,615	3,615
	† CTT25001M44	131,907	134,282	136,968	3,743	INCL	-	4,588	4,588
	† CTT26001M44	156,365	158,734	161,909	3,743	INCL	-	4,588	4,588
† CTT27001M44	196,011	200,579	204,591	3,743	INCL	-	-	-	
R-507 R-404A LOW TEMP HOT GAS DEFROST	CTT21500L44	57,440	59,279	60,465	2,064	1,437	2,057	2,710	2,710
	CTT22200L44	66,728	68,692	70,066	2,064	1,437	2,057	2,710	2,710
	CTT22700L44	78,882	81,401	83,030	2,584	2,374	2,057	2,710	2,710
	CTT23100L44	89,840	92,604	94,457	2,584	2,374	3,514	3,615	3,615
	† CTT24401L44	130,718	132,988	135,648	3,743	INCL	3,514	3,615	3,615
	† CTT25401L44	152,792	156,406	159,534	3,743	INCL	-	4,588	4,588
	† CTT26201L44	170,556	172,143	175,587	3,743	INCL	-	-	-

## When ordered as a complete system with evaps.

REFR.	MODEL "CTT"	BASIC UNITS			SUCTION ACCUM.	OIL SEP.	NON FUSED (1) DISCONNECT		
		230/3	460/3	575/3			230 V	460 V	575 V
R-507 R-404A MEDIUM TEMP HOT GAS DEFROST	CTT21500M44	45,497	46,445	47,374	2,064	1,437	2,057	2,710	2,710
	CTT22000M44	50,969	54,381	54,381	2,064	2,374	2,057	2,710	2,710
	CTT22500M44	64,721	66,710	68,045	2,584	2,374	2,057	2,710	2,710
	CTT23000M44	69,755	72,164	73,608	2,584	2,374	3,514	3,615	3,615
	CTT23500M44	77,673	79,842	81,439	2,584	2,374	3,514	3,615	3,615
	CTT24000M44	84,354	87,158	88,902	2,584	2,374	3,514	3,615	3,615
	† CTT25001M44	131,907	134,282	136,968	3,743	INCL	-	4,588	4,588
	† CTT26001M44	156,365	158,734	161,909	3,743	INCL	-	4,588	4,588
† CTT27001M44	196,011	200,579	204,591	3,743	INCL	-	-	-	
R-507 R-404A LOW TEMP HOT GAS DEFROST	CTT21500L44	47,866	50,387	51,586	2,064	1,437	2,057	2,710	2,710
	CTT22200L44	55,606	57,243	58,388	2,064	1,437	2,057	2,710	2,710
	CTT22700L44	65,735	67,834	69,191	2,584	2,374	2,057	2,710	2,710
	CTT23100L44	74,866	77,170	78,714	2,584	2,374	3,514	3,615	3,615
	† CTT24401L44	108,931	110,823	122,084	3,743	INCL	3,514	3,615	3,615
	† CTT25401L44	127,326	130,338	143,581	3,743	INCL	-	4,588	4,588
† CTT26201L44	142,130	143,452	158,028	3,743	INCL	-	-	-	

Medium Temp Units are available for R404A (M 44), R507 (M57), R407C (H47) or R22 (H 22). Add the appropriate suffix to the model number.

† Dual Comp. Unit piped in parallel and supplied with Oil Equalization System and Oil Separator.

CTT2 = Copeland DISCUS Compressor

CTT3 = CARLYLE Compressor available

CTT4 = Bitzer Compressor available

*See page 8 for additional options. Liquid/Suction Heat Exchanger Shipped Loose.*

TO OBTAIN SYSTEM PRICES, USE PRICE SHEET **P-858A** TO PRICE SYSTEM EVAPORATORS FOR ALL "CTT" CONDENSING UNITS.

**SEE NOMENCLATURE EXAMPLE ON PAGE 2**

# **THERMOBANK HOT GAS DEFROST SYSTEM**

## **STANDARD FEATURES**

1. HI-LO PRESSURE SWITCH, AUTO RESET LOW / MANUAL RESET HIGH
2. ELECTRONIC OIL PRESSURE CONTROL (5 HP AND UP)
3. CONTACTORS & OVERLOAD PROTECTORS
4. SUCTION & DISCHARGE VIBRATION ELIMINATORS
5. MANUAL COMPRESSOR SWITCH / PUMPDOWN SWITCH
6. CRANKCASE HEATER
7. WEATHER PROOF HOUSING
8. RECEIVER W/ SERVICE VALVE
9. FUSIBLE PLUG
10. MINIMUM CHARGE MONITOR - DUAL SIGHT GLASSES W/ MOISTURE INDICATOR
11. SUCTION LINE FILTER - REPLACEABLE CORE TYPE
12. LIQUID LINE DRIER - REPLACEABLE CORE TYPE
13. DEFROST TIMER W/ REQUIRED H.G. DEFROST CONTROLS
14. LIQUID LINE SOLENOID VALVE (SEE NOTE 1)
15. ROOM THERMOSTAT (SEE NOTE 1)
16. THERMOSTATIC EXPANSION VALVE (1 PER EVAP.) (SEE NOTE 1)
17. BRAIDED HOSE LINES
18. CONTROL CIRCUIT TRANSFORMER (460V UNITS ONLY)
19. SUB CIRCUIT FUSING
20. HOT GAS SOLENOID (SEE NOTE 1)

### **NOTES:**

1. Item shipped loose for field installation.

SEE PAGE 8 FOR ADDITIONAL OPTIONS

## ADDITIONAL OPTIONS

DESCRIPTION	LIST PRICE
ANTI-SHORT CYCLE TIMER (PRICE IS PER COMPRESSOR)	\$629
EVAPORATOR FAN CONTACTOR	304
GAUGE KIT - HIGH, LOW, AND OIL PRESSURE (PER COMPRESSOR)	1,544
OVERSIZED RECEIVER - 1500 THROUGH 2200 MODELS	704
OVERSIZED RECEIVER - 2500 THROUGH 4400 MODELS	1,987
OVERSIZED RECEIVER - 5000 AND LARGER MODELS	991
PHASE LOSS MONITOR (PRICE IS BASED ON 1 PER UNIT)	1,040
SPRING LOADED PRESSURE RELIEF VALVE	287
SINGLE POINT ALARM	356
TIMER INSTALL CHARGE FOR MEDIUM TEMP AIR DEFROST SYSTEMS	274
Electronic Room T-stat (A419ABC-1C) Part# 204464206	353

## 4 YEAR EXTENDED COMPRESSOR WARRANTY

MEDIUM TEMPERATURE				LOW TEMPERATURE			
SEMI-HERMETIC COMPRESSOR		REFRIG	NET PRICE	SEMI-HERMETIC COMPRESSOR		REFRIG	NET PRICE
H.P.	MODEL			H.P.	MODEL		
12	3DF-R15ME*	22 or 44	\$865	12	4DB-F54KE*	22 or 44	\$865
15	3DS-R17ME*	22 or 44	1,116	15	4DL-F63KE*	22 or 44	1,116
20	4DB-R20ME*	22 or 44	1,382	20C†	06CC665	22	545
25	4DH-R22ME*	22 or 44	1,554	22	4DT-F76KE*	22 or 44	1,382
30	4DJ-R28ME*	22 or 44	1,656	24C†	06CC675	22	620
35	6DH-R35ME*	22 or 44	1,744	27	6DL-F93KE*	22 or 44	1,554
40	6DJ-R40ME*	22 or 44	1,821	31	6DT-F11ME*	22 or 44	1,656
50	(2) 4DH-R22ME*	22 or 44	3,108	40C†	(2) 06CC665	22	1,090
60	(2) 4DJ-R28ME*	22 or 44	3,312	44	(2) 4DT-F76KE*	22 or 44	2,764
70	(2) 6DH-R35ME*	22 or 44	3,488	48C†	(2) 06CC675	22	1,240
80	(2) 6DH-R40ME*	22 or 44	3,642	54	(2) 6DL-F93KE*	22 or 44	3,108
				62	(2) 6DT-F11ME*	22 or 44	3,312

\*E = POE Oil or 0 = Mineral Oil. All current models have POE oil.

† = CARLYLE Compound Cooling

Limited Extended Compressor Warranty covers defects in factory material or workmanship.

Defective compressor, with serial number tag intact, must be returned to an authorized wholesaler.

Warranty does not include external parts, controls, refrigerant, shipping, labor or product loss.

## FREIGHT SURCHARGES

The following freight surcharges will be applied to orders when applicable. For delivery and post delivery issues, the customer will be notified and a second invoice will be generated.

BASIC LTL SURCHARGES	NET †
Delivery Notification / Call before delivery	\$68
Lift Gate Service	\$213
Saturday Delivery Request	\$484
*Failed/Refused delivery attempt (minimum)	\$98
*Failed/Refused delivery attempt (Maximum)	\$1,214
Re-Consignment fee	\$91
Storage (Per 100 LBS for each calendar day)	\$4.62

\* Refused Delivery fee will be calculated @ 11.6 cents per 100 LBS, subject to Minimum and Maximum charges shown above (per incident).

† Net prices are not to be discounted.

BASIC CONTRACT HAUL SURCHARGES	NET †
Cancelled truck not used	\$2,160
Reconsignment fee	\$775
Reconsignment cost per mile ( \$1505 Minimum)	\$3.23
Delay in unloading (4 hours or more past an appointment)	\$1,505

† Net prices are not to be discounted.

