REFRIGERANT CHARGE REQUIREMENTS

FOR KRAMER MODEL *C, KS & CTT* CONDENSING UNITS WHEN EQUIPPED WITH LOW AMBIENT, (FLOODING-TYPE) HEAD PRESSURE CONTROL VALVE(S)

LOW TEMPERTURE, REFRIGERANT *R-404A*

COND. UNIT MODEL #	STD COND. MODEL	REFRIG. (LBS.) (SUMMER); SEE NOTE 2	REFRIG. (LBS.) (WINTER); SEE NOTE 3
0400L44	DD-100-2	12.6	29.0
0500L44	DD-100-2	12.6	29.0
0600L44	DD-100	15.3	40.1
0800L44	DD-100	15.3	40.1
0900L44	DD-150	22.2	63.7
1000L44	DD-150	22.2	63.7
1200L44	DD-150	22.2	63.7
1500L44	DD-190	27.5	70.1
2200L44	DD-230	32.1	89.1
2700L44	DD-260	36.7	108.0
3100L44	DD-305	41.3	126.8
4400L44	DD-450	52.4	179.2
5400L44	DD-590	68.7	217.8
6200L44	DD-660	81.0	264.1

NOTES:

1.) **THE CHARGE LISTED ABOVE IS FOR THE <u>CONDENSING UNIT ONLY</u>. THE TOTAL SYSTEM OPERATING CHARGE IS THE SUM OF THE CONDENSING UNIT CHARGE, EVAPORATOR(S) CHARGE AND LIQUID LINE CHARGE. (FOR THE MAJORITY OF EQUIPMENT INSTALLATIONS, THE SUCTION LINE CHARGE IS NEGLIGIBLE AND MAY BE OMITTED FROM THIS CALCULATION.)**

2.) **CHARGE REQUIRED WHENEVER THE AMBIENT AIR TEMPERATURE ENTERING THE CONDENSER WILL NOT FALL BELOW APPROX. +70 DEGREES UNDER NORMAL OPERATING CONDITIONS.**

3.) **CHARGE REQUIRED WHENEVER THE AMBIENT AIR TEMPERATURE ENTERING THE CONDENSER WILL FALL BELOW APPROX. +70 DEGREES UNDER NORMAL OPERATING CONDITIONS.**

4.) **CONDENSER FAN CYCLING CONTROLS, (WHEN PROPERLY ADJUSTED), WILL REDUCE THE TOTAL "WINTER" CHARGE REQUIRED DURING THE LOWEST OUTDOOR AMBIENT TEMPERATURE EXPERIENCED HOWEVER UNDER NORMAL CIRCUMSTANCES, THE CONDENSING UNIT SHOULD HAVE ADEQUATE PUMPDOWN CAPACITY TO HOLD THE ENTIRE WINTER CHARGE LISTED ABOVE.**