

REFRIGERANT CHARGE REQUIREMENTS

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

MEDIUM & HIGH TEMPERATURE, REFRIGERANT R-22

COND. UNIT MODEL #	STD COND. MODEL	REFRIG. (LBS.) (SUMMER); SEE NOTE 2	REFRIG. (LBS.) (WINTER); SEE NOTE 3
0500M / H22	DD-100-2	14.7	32.2
0700M / H22	DD-100	19.6	46.3
0800M / H22	DD-100	19.6	46.3
1000M / H22	DD-130	22.7	58.3
1200M / H22	DD-150	27.1	71.6
1500M / H22	DD-190	30.4	76.3
2000M / H22	DD-230	37.9	99.0
2500M / H22	DD-260	47.5	123.8
3000M / H22	DD-370	45.5	116.0
3500M / H22	DD-440	65.3	170.5
4000M / H22	DD-490	86.3	227.2
5000M / H22	DD-530	79.1	199.0
6000M / H22	DD-660	112.3	312.4
7000M / H22	DD-790	130.5	371.0

NOTES:

- 1.) THE CHARGE LISTED ABOVE IS FOR THE CONDENSING UNIT ONLY. 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.**