

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-404A*

COND. UNIT MODEL #	STD COND. MODEL	REFRIG. (LBS.) (SUMMER); SEE NOTE 2	REFRIG. (LBS.) (WINTER); SEE NOTE 3
0500M / H44	DD-100-2	12.6	29.0
0700M / H44	DD-100	16.8	41.8
0800M / H44	DD-100	16.8	41.8
1000M / H44	DD-130	19.5	52.7
1200M / H44	DD-150	22.2	63.7
1500M / H44	DD-190	27.5	70.3
2000M / H44	DD-230	32.5	89.5
2500M / H44	DD-260	41.0	112.0
3000M / H44	DD-370	39.0	105.0
3500M / H44	DD-440	56.1	154.4
4000M / H44	DD-490	75.0	206.5
5000M / H44	DD-530	70.0	182.1
6000M / H44	DD-660	97.4	284.4
7000M / H44	DD-790	113.1	337.3

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.**