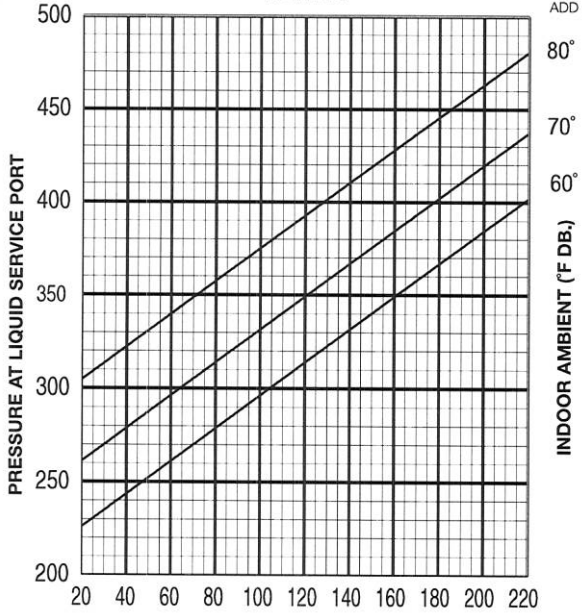
SPLIT SYSTEM HEAT PUMP 10 TONS

SYSTEM CHARGE CHART - REFRIGERANT 410A
BASIC SYSTEM CHARGE WITH 0 FEET OF TUBING = 436 OZ.
ADD ADDITIONAL AMOUNT AS SHOWN IN TABLE BELOW

HEATING



PRESSURE AT VAPOR SERVICE PORT -(PSIG)

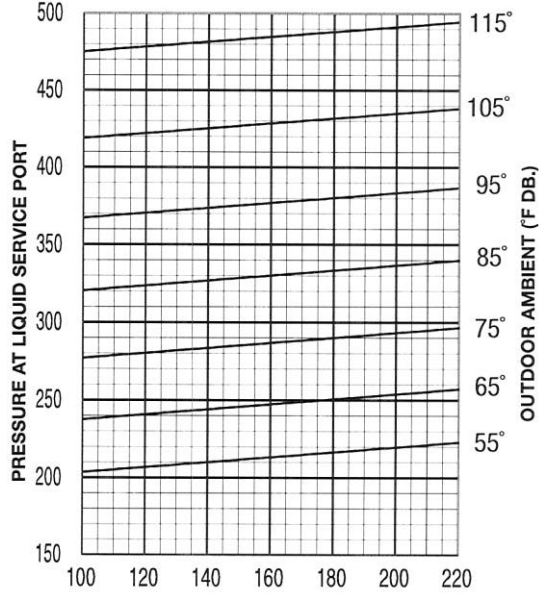
REQUIRED OUNCES R-410A CHARGE PER FOOT OF TUBING		
TUBE SIZE O. D. IN.	LIQUID TUBE	VAPOR TUBE
1/2	1.15	
5/8	1.86	
1-1/8		.34
1-3/8		.52

CAUTION: NO ICE ON OUTDOOR COILS, RETURN AIR TEMPERATURE MUST BE BETWEEN 70° & 75° BEFORE FINAL REFRIGERANT CHECK.

INSTRUCTIONS:

1. CONNECT PRESSURE GAUGES TO VAPOR AND LIQUID PORTS AT OUTDOOR UNIT.
2. MEASURE AIR TEMPERATURE TO THE UNIT (INDOOR DRY BULB AMBIENT).
3. PLACE AN "X" ON THE CHART WHERE THE VAPOR AND LIQUID PRESSURE CROSS.
4. IF "X" IS BELOW INDOOR TEMPERATURE LINE, ADD CHARGE AND REPEAT 3.
5. IF "X" IS ABOVE INDOOR TEMPERATURE LINE, RECOVER EXCESS CHARGE AND REPEAT 3.

COOLING



PRESSURE AT VAPOR SERVICE PORT -(PSIG)

CAUTION: RETURN AIR TEMPERATURE MUST BE BETWEEN 70° & 75° BEFORE FINAL REFRIGERANT CHECK.

INSTRUCTIONS:

1. CONNECT PRESSURE GAUGES TO VAPOR AND LIQUID PORTS AT OUTDOOR UNIT.
2. MEASURE AIR TEMPERATURE TO THE UNIT (OUTDOOR DRY BULB AMBIENT).
3. PLACE AN "X" ON THE CHART WHERE THE VAPOR AND LIQUID PRESSURE CROSS.
4. IF "X" IS BELOW OUTDOOR TEMPERATURE LINE, ADD CHARGE AND REPEAT 3.
5. IF "X" IS ABOVE OUTDOOR TEMPERATURE LINE, RECOVER EXCESS CHARGE AND REPEAT 3.