

SPLIT SYSTEM HEAT PUMP 7-1/2 TONS

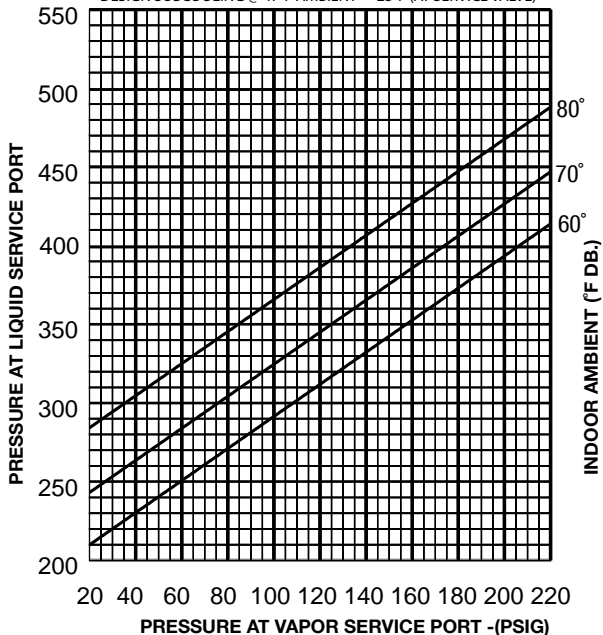
SYSTEM CHARGE CHART - REFRIGERANT 410A

BASIC SYSTEM CHARGE WITH 0 FEET OF TUBING = .372 OZ.

ADD ADDITIONAL AMOUNT AS SHOWN IN TABLE BELOW

HEATING

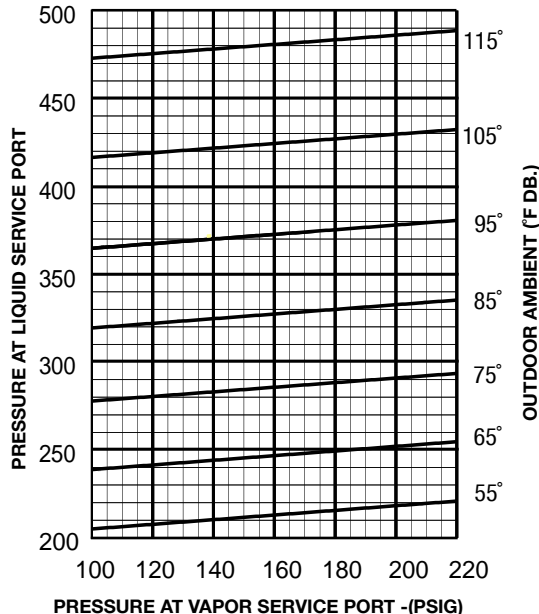
DESIGN SUBCOOLING @ 47°F AMBIENT = 25°F (AT SERVICE VALVE)



| 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 |

COOLING

DESIGN SUBCOOLING @ 95°F AMBIENT = 10°F (AT SERVICE VALVE)



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.
6. PRESSURES ARE REF. ONLY - FINAL CHARGE VARIATION TO BE BASED ON "DESIGN SUBCOOLING" NOTE AT THE TOP OF THE HEATING CHART.

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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.
6. PRESSURES ARE REF. ONLY - FINAL CHARGE VARIATION TO BE BASED ON "DESIGN SUBCOOLING" NOTE AT THE TOP OF THE COOLING CHART.