SYSTEM CHARGE CHART - REFRIGERANT 410A

OUTDOOR DRY BULB	3-TON	4-TON	5-TON

Pressure Requirements - Gross Charge Check ONLY

Liquid Pressure / Vapor Pressure

115	467 / 152	487 / 153	493 / 147
105	409 / 148	426 / 152	427 / 145
95	356 / 147	370 / 149	370 / 143
85	310 / 145	320 / 147	316 / 140
75	268 / 143	273 / 145	270 / 138
65	235 / 140	238 / 140	233 / 136
55	205 / 134	210 / 134	200 / 132

Sub Cooling Requirements - Final Charge Verification

115	16	18	18
105	16	16	17
95	15	15	14
85	14	13	10
75	13	12	9
65	13	10	8
55	12	10	8

NOTICE:

- **It is required to fine tune unit charge. Indoor ambient temperature must be between 72°F and 82°F dry bulb at the indoor coil.**
- Measure liquid line temperature at four (4) inches prior to metering device.
- Confirm the indoor supply air flow is correct, reference rated CFM in the unit Specification Sheets
- Allow the system to run long enough for temperatures and pressures to stabilize.
- Sub-cooling tolerance is +/- 1.5°F
- If obtaining rated sub-cooling values causes liquid/vapor pressures that are significantly different (>20 psig) from those listed on the table, there may be a component or air flow issue. Refer to unit Installation trouble shooting section for further support.