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	475 / 151	499 / 153	499 / 147
105	416 / 149	428 / 151	437 / 144
95	366 / 146	374 / 149	379 / 142
85	317 / 145	323 / 147	328 / 139
75	274 / 143	279 / 145	281 / 136
65	238 / 138	239 / 143	240 / 133
55	205 / 129	207 / 139	207 / 129

Sub Cooling Requirements - Final Charge Verification

115	18	18	17
105	17	17	16
95	17	15	15
85	16	13	13
75	15	12	11
65	15	11	10
55	14	11	10

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.