

AC Temps.

Condensor:

Normal Outlet 20°F to 50°F Colder Than Inlet

- Less than 20°
- Condenser Air Flow Problem
- Fan Clutch/Electric Fan
- Overcharge
- Incorrect Condenser
- More than 50°
- Condenser Internal Restriction
- Low Refrigerant Charge
- Non Condensable Gasses in Refrigerant

EVAPORATOR Normal Inlet vs. Outlet 0°F +/- 5°F

- Warmer than 5°
- Undercharge
- Restricted Orifice Tube
- Incorrect Orifice Tube
- Excessive Outlet temperature will cause oil starvation to compressor (note: 10-20% undercharge can still produce cold duct temps)
- Colder than 5°
- Overcharge
- Leaking Orifice O-Ring
- Incorrect Orifice Tube
- Overcharge can cause liquid refrigerant to slug the compressor