3 ton R-410A 208/230 VAC 1-ph split system

Capacity (BTU/HR): 34500
Type: Scroll
Refrigerant: R-410A 11 lb 8 oz
Input Voltage (V): 208 / 230
No. of Phases: 1
Freq. (Hz.): 50 / 60

LRA 112

RLA 20

MCC 28

Parts center: <http://www.northamericahvac.com/>

Compressor : ZP34K5E-PFV-130

Filter Dryer Parker SS-083S Liquid line 3/8

Sight Glass Parker SSGSS4 3/8

Contactor 2 pole 30 amp 24 VAC coil

Run Capacitor 45 mf 370vac

Start Capacitor 88-106 mf 330 VAC

**Replace the Compressor**

1. Turn Off Power
2. Perform system inspection
3. Identify cause of compressor failure
4. Evacuate the system using approved techniques and proper recovery equipment to required levels.
5. Disconnect compressor line sets using approved methods
6. Remove the old compressor mounting and electrical
7. Remove compressor line sets
8. Remove compressor and braze lines closed as required.
9. Remove the filter drier cores; reversing valves, check valves ect. as required.
10. Braze in compressor and related equipment.
11. Pressurize and leak test system with nitrogen
12. Purge the system at 150 psi for one to two minutes to remove all trace amounts of oil residue and solvents. If the exiting solvent remains cloudy, then repeat the one-to-two minute nitrogen purge.
13. Triple evacuate system
14. Evacuate system to 500 microns or less.
15. Holds 500 microns or less for 30 minutes.
16. Break system vacuum with system refrigerant (weigh in charge)
17. Replace required electrical components
18. Perform commissioning pre-assessment
19. Prepare to run system
20. Run system and adjust charge to system requirements (superheat, sub-cooling or weight)
21. Re-commission system
22. Leak test system
23. Ensure that the waste material is disposed of according to federal, state and local regulations.