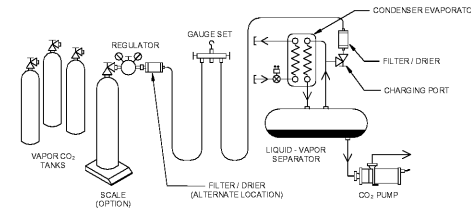


SUPPLIED BY HILL PHOENIX. INSTALLED BY R.C.

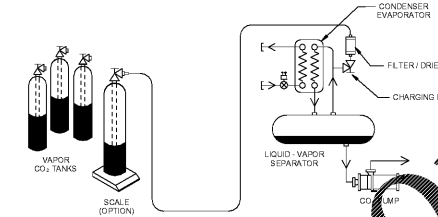
1 REFRIG - CIRCUIT ISOLATION VALVE ASSEMBLIES
SCALE: N.T.S.

CHARGING SETUP:
 1. A LIQUID FILTER/DRYER SHALL BE INSTALLED BETWEEN THE REGULATOR AND THE CO2 SYSTEM TO REDUCE THE CHANCE OF TRASH AND MOISTURE INTRODUCTION.
 2. USE THE SAME GAUGE SET AS FOR R-410A AND USE ONLY THE DISCHARGE GAUGE SIDE.
 3. FOLLOWING A LEAK CHECK, THE PRESSURE TEST AND EVACUATION PROCESS SHOULD BE PERFORMED WITH CO2 VAPOR AND NOT CO2 LIQUID.
 4. PRESSURIZE ALL PIPING AND THE CO2 SYSTEM WITH CO2 VAPOR TO 150 PSIG.
 5. ALL PREVIOUS STEPS SHALL BE COMPLETED PRIOR TO STARTING THE PRIMARY HFC REFRIGERATION SYSTEM.

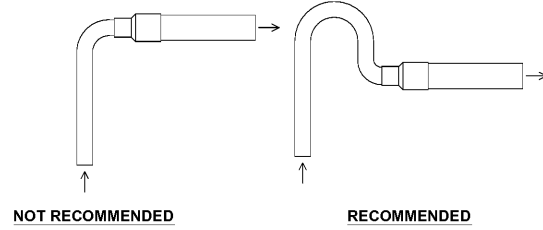


2 REFRIG - CO2 VAPOR CHARGING SETUP
SCALE: N.T.S.

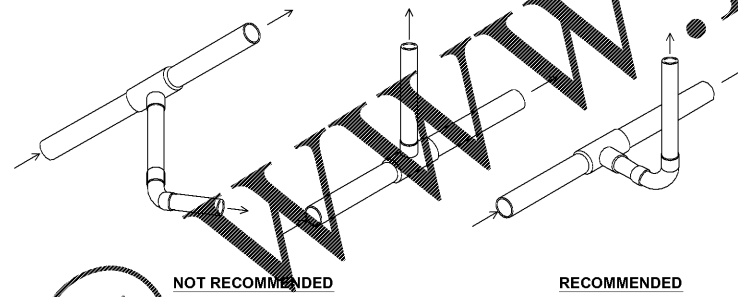
CHARGING SET-UP:
 1. PRIOR TO STARTING THE CO2 REFRIGERATION SYSTEM, THE PRIMARY HFC REFRIGERATION SYSTEM SHOULD ALREADY BE PARTIALLY CHARGED WITH REFRIGERANT.
 2. THE CO2 SYSTEM SHOULD ALREADY BE PRESSURIZED TO 150 PSIG WITH CO2 VAPOR.
 3. A LIQUID FILTER/DRYER SHALL BE INSTALLED BETWEEN THE LIQUID CO2 TANK, WHICH HAS A SIPHON TUBE INSTALLED, AND THE CO2 SYSTEM TO REDUCE THE CHANCE OF TRASH AND MOISTURE INTRODUCTION.
 4. USE THE SAME GAUGE SET AS FOR R-410A AND USE ONLY THE DISCHARGE GAUGE SIDE.
 5. CHANGE THE CO2 SYSTEM WITH LIQUID CO2 TO THE 80% LEVEL.
 6. WHILE CHARGING THE CO2 SYSTEM, THE PRIMARY HFC REFRIGERATION SYSTEM SHALL BE OPERATIONAL AND MAY REQUIRE ADDITIONAL REFRIGERANT DURING THE CO2 SYSTEM LIQUID CHARGING PROCESS.



3 REFRIG - CO2 LIQUID CHARGING SETUP
SCALE: N.T.S.



4 REFRIG - RISER RETURN TRANSITIONING INTO HORIZONTAL RUN
SCALE: N.T.S.



5 REFRIG - LIQUID SUPPLY LINE BRANCH PIPING
SCALE: N.T.S.

DETAIL IS NOT APPLICABLE TO THIS PROJECT

6 REFRIG - MECHANICAL CENTER DRAIN PAN DETAIL
SCALE: N.T.S.

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FOR COMPLETE AND DETAILED INFORMATION, REFER TO THE PROJECT MANUAL. THE PROJECT MANUAL IS THE BASIS OF DESIGN. THE PROJECT MANUAL IS THE BASIS OF DESIGN. THE PROJECT MANUAL IS THE BASIS OF DESIGN.

PUBLIC PROTOTYPE
 BASIS OF DESIGN
20M
 EXPANDED
 RECEIVED: 09.14.18

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REFRIGERATION DETAILS (3 OF 3)
 EAST COBB PUBLIX - #1745
 EAST COBB CROSSING SHOPPING CENTER
 ROSEWELL ROAD
 MARIETTA, GA 30062

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REVISIONS:



JOHN T. ALLEN
 ENGINEER No. 044831

R-33

Issue Date: 04-01-20
 Project No.: 220006

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