



RSC Condensing Unit Frame Assembly & Installation

Kit #:1238795

Document Part #: 1238523

ECN: 55701

Revision: A

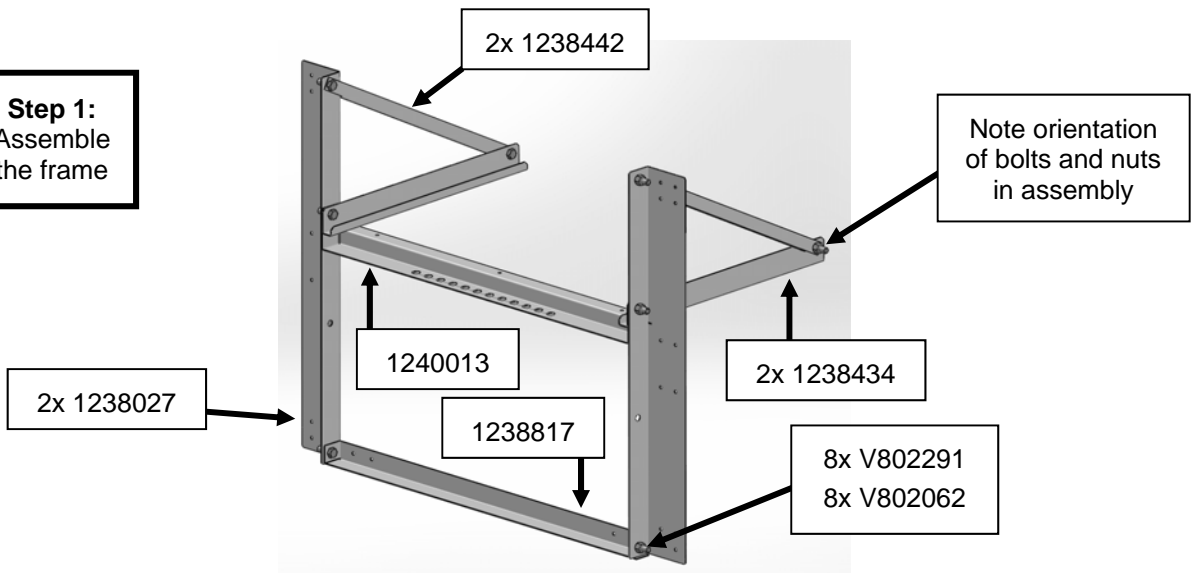
Date: 4-6-2015

Subject: INSTAL INSTRUC,RSC FRAME/REFRIG

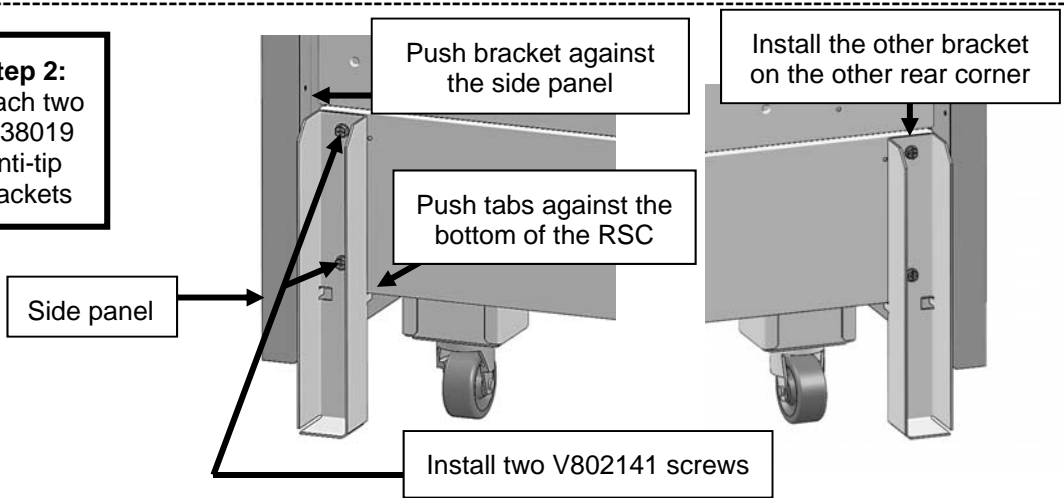
Parts List

Quantity	Part Number	Description
2	1238019	Bracket, Anti-Tip
2	1238442	Bracket, Condenser, Angle
2	1238027	Bracket, Condenser, Vertical
2	1238434	Bracket, Condenser, U-Channel
1	1240013	Crossbrace, Upper, Condenser
1	1238817	Crossbrace, Lower, Condenser
1	1240005	Clamp, Condenser Tie-Down
8	V802291	Bolt, 3/8-16 x 1 Hex Head
8	V802062	Nut, 3/8-16, Nylok
27	V802141	Screw, 10-16 x ½ Hex Head
2	V802087	Screw, 8-15 x ½ Truss Head
1	1028847	Dryer C-053-S Sporlan
1	1028855	Sight Glass SA-13S Sporlan
1	1246895	Line set, Copper, RSC, 10 ft.
1	1238523	Instal Instruc,RSC Frame/Refrig

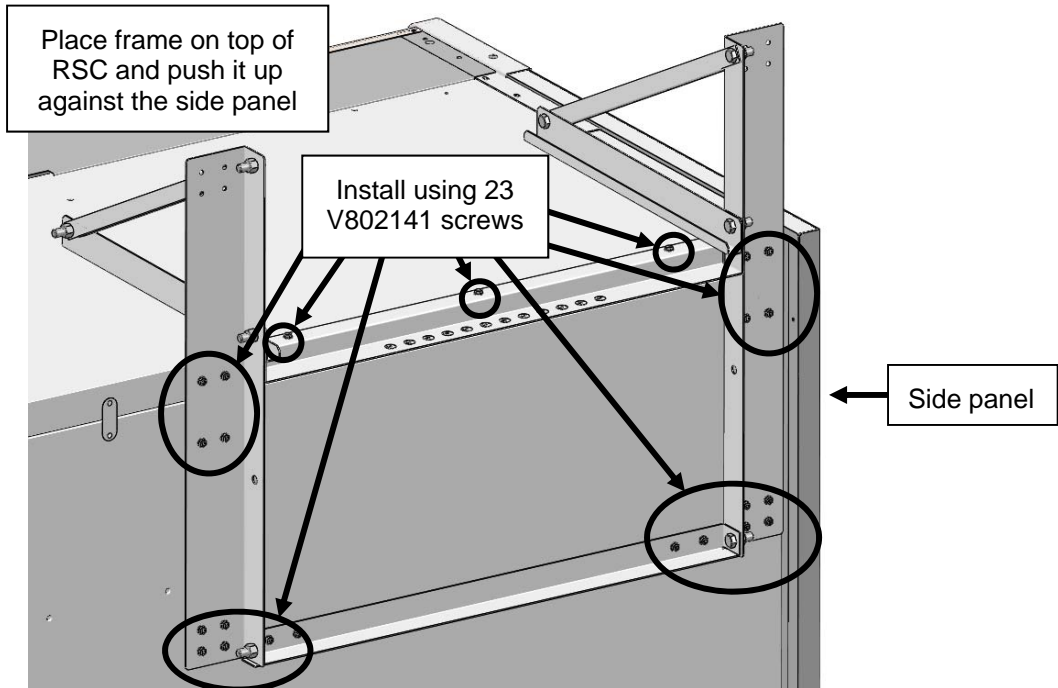
Step 1:
Assemble
the frame



Step 2:
Attach two
1238019
anti-tip
brackets

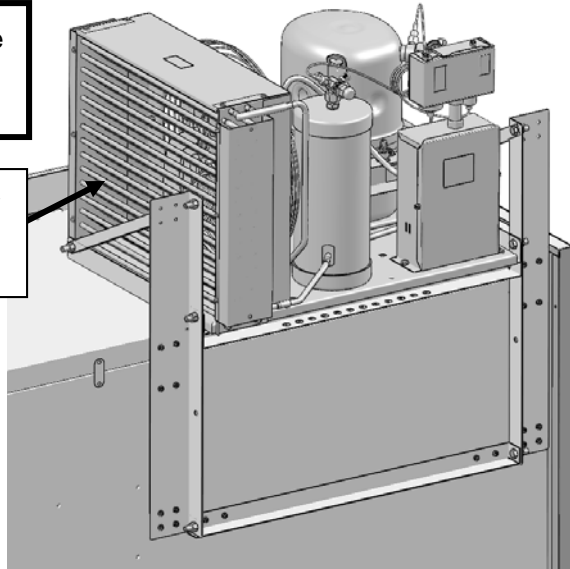


Step 3:
Attach
frame to
RSC



Step 4: Place condensing unit on frame

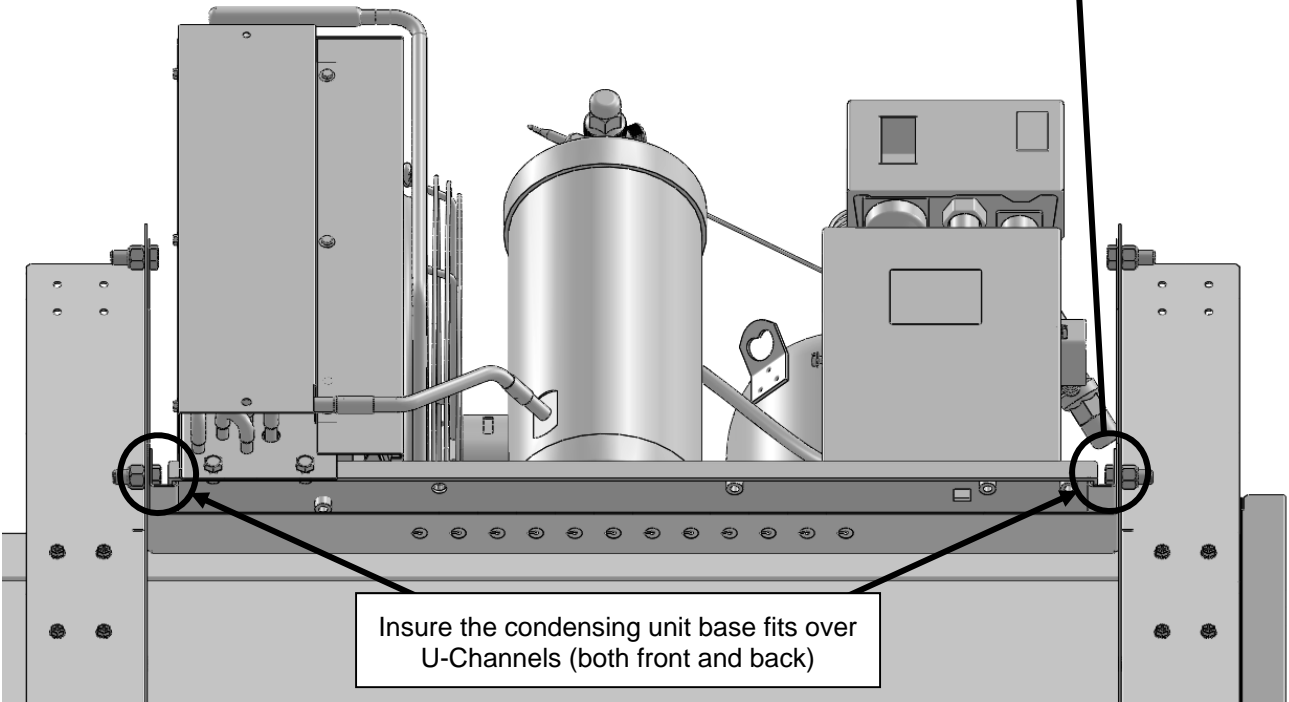
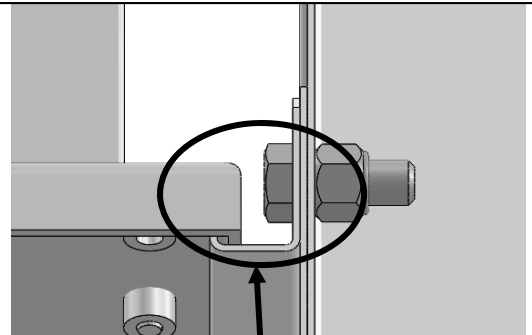
Condenser must be this side



Note: Condensing unit shipped separately

Note: Condensing unit is heavy, two or more persons should lift.

Note: The top of the RSC is not designed to support the condensing unit without the frame.



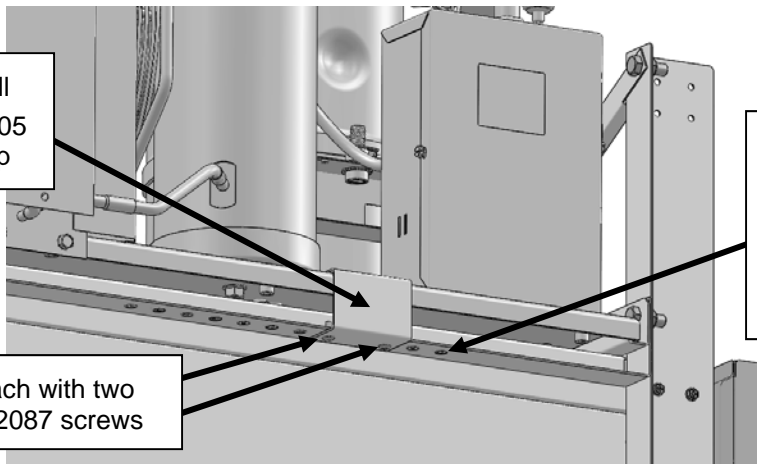
Insure the condensing unit base fits over U-Channels (both front and back)

Step 5: Install clamp

Install 1240005 clamp

Attach with two V802087 screws

There are multiple mounting holes so the clamp can be located in a position that won't interfere with items on the condensing unit



Note: Steps 6 through 9 must be performed by a qualified refrigeration technician.

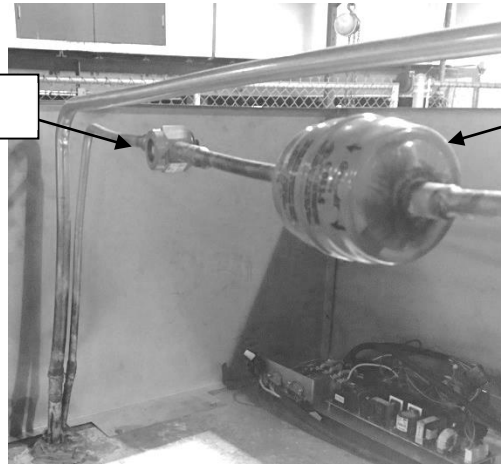
Step 6: Using the provided line set, connect the outlet and inlet of the display case to the condensing unit as shown in the pictures.



Note: The line set should be cut to the right length. Install the provided filter/drier and sight glass on the liquid line.

1028855

1028847

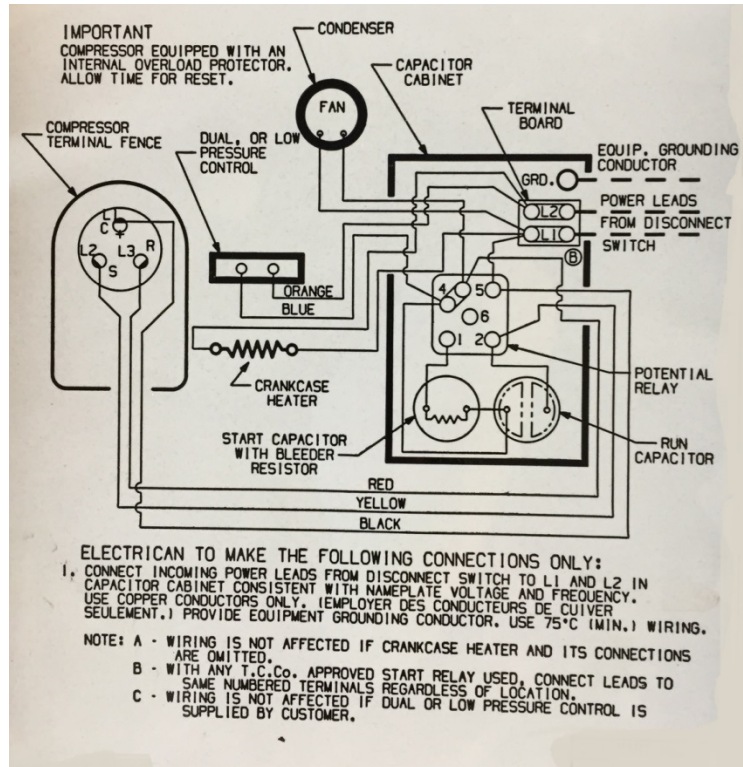


Step 7: Insulate the suction line using the insulation provided in the kit.



Step 8: Connect the electrical box on the condensing unit to a power source as shown in the attached figure. The condensing unit is rated for 208/230V-1-60.

VDPTCU005 = 21.6A MCA
 VDPTCU006 = 14.9A MCA



Step 9:

- Confirm that the unit is free of leaks using pressurized nitrogen at approximately 150 psig and then pull a vacuum down to 100 microns for at least 30 minutes.
- Charge the unit with 3 lbs. of R404a into the receiver. Break the vacuum on the low side prior to starting the unit.
- Turn 'ON' the power to the condensing unit and the display case. Turn the display case 'ON'. Wait for at least 1 hour prior to placing product in the unit.
- Set the low pressure switch to 40 PSIG with a differential of 15 PSIG.