Instruction Sheet 7950075 Rev. 4

Application Installation of Vacuum Relief Port (VRP) Accessory P/N 1950075

Model ULT Upright Freezers

Kit Contents

1950076	VRP assembly
400185	Wall mount 15VDC power supply
400179	Set of interchangeable AC plugs
350033	VRP harness
195809	Interior cap
143030	Lithium grease
101019	O-ring, silicone 1-3/16 ID (2)
30081	Self-stick tie anchors (4)
30037	Small tie wraps (6)
24031	#6 stainless steel cross head screws (2)
23058	#6 stainless steel external tooth lock washers (2)
13015	Permagum cord
13006	Clear silastic
8950075	VRP Accessory Install CD

Tools required

#6 cross head screwdriver
flat blade screwdriver
stepladder
1-1/4" stiff putty knife

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1. Open the freezer door and remove any racks or product from the top shelf. From the top of the freezer, remove the screw or silastic securing the check valve. Remove the check valve from the freezer. If necessary, use a flatblade screwdriver to pry the check valve loose.

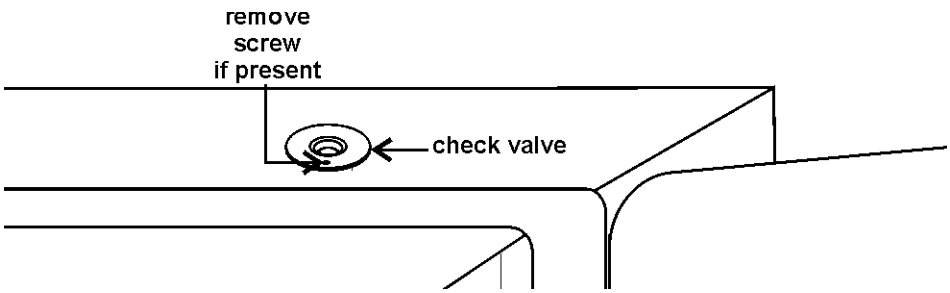

Figure 1. Freezer top

Note For best results, turn the freezer and battery switch off and allow the cabinet to warm to ambient. If this is not possible, a 1-1/4" stiff putty knife (order part number 404014) may be used to clear ice from the vacuum relief port tube. ▲

2. From the freezer interior, clean the vacuum relief port tube. If the freezer has not been defrosted, remove ice with a 1-1/4" stiff putty knife. Insert the knife into the tube from the freezer interior and twist to dislodge the ice.

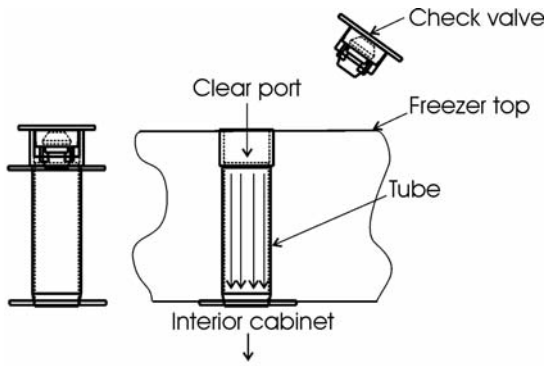

Figure 2. Vacuum relief port tube

3. Wipe the interior of the tube with a dry cloth. **Make sure the port is completely clear of ice and dry.**

4. Apply Permagum to the two locations where the blue wires enter and exit the assembly as shown in figure 3.

5. Lubricate the O-ring (entire perimeter) with the lithium grease provided.

6. Carefully insert the VRP assembly into the tube. Orient the VRP assembly with the blue wires extending to the right as shown in Figure 4.

Caution To prevent ice formation within the tube, make sure the O-ring is not dislodged during installation. ▲

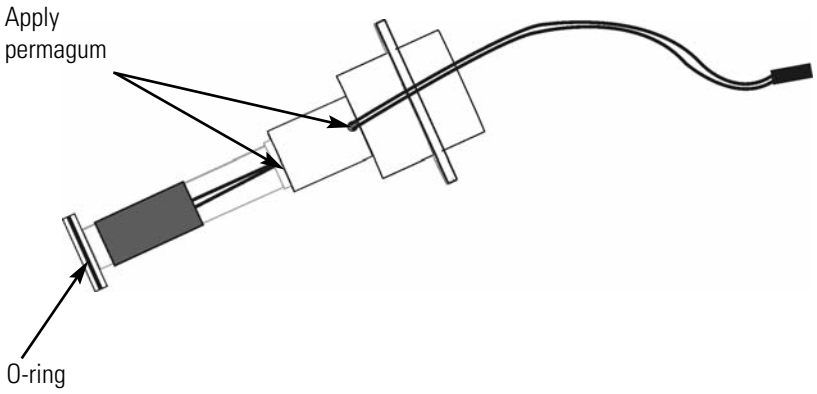

Figure 3. Vacuum relief port assembly

7. Apply a liberal amount of silastic around the VRP (entire perimeter) to seal it to the freezer top.

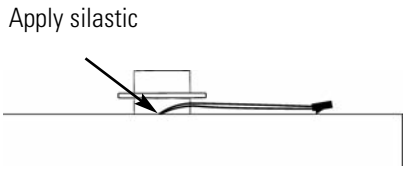

Figure 4. Seal VRP

Caution To prevent ice from forming, make sure the port is completely sealed with silastic. ▲

8. Install tie wrap anchors on the top of the freezer as shown in Figures 5 and 6.

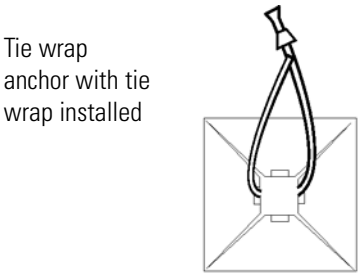

Figure 5. Tie wrap anchor

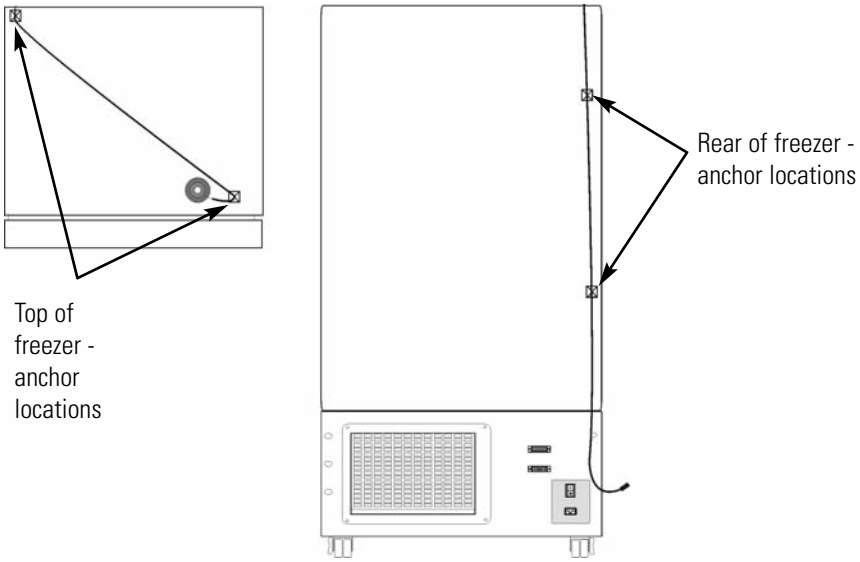

Figure 6. Anchor locations

9. Connect the VRP wiring harness to the connector at the end of the blue wires extending from the VRP assembly using the mate-n-lok connection as shown in Figure 7.

Figure 7. Cable connection

10. Attach the harness to the freezer top using tie wraps.

11. Install tie wrap anchors on the rear surface of the freezer as shown in Figure 7. Using tie wraps, secure the VRP harness to the freezer cabinet. The harness may be looped to reduce slack in the cable.

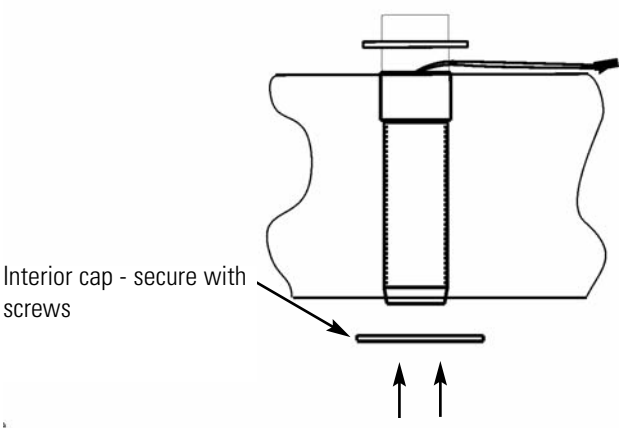

Figure 8. Interior cap

12. Secure the assembly to the freezer interior. Install the interior cap to the VRP assembly with the two screws and star washers provided.

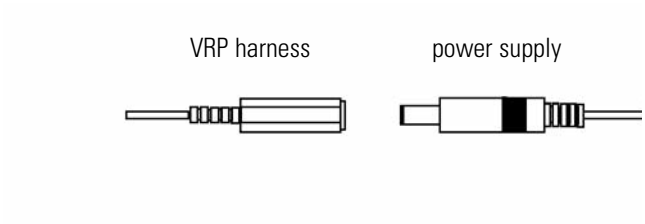

Figure 9. Connection to power supply

13. Connect the harness to the power supply as shown in Figure 9.

14. Attach the appropriate plug to the power supply. The power supply has a rated input voltage of 100 to 240 VAC. The available plugs are described in Figure 10.

15. Plug the power supply into a receptacle. Six feet of cable is included with the powr supply. If the receptacle is located at a distance greater than six feet, an extension cord may be used. After connection, a green light will illuminate to indicate incoming power.

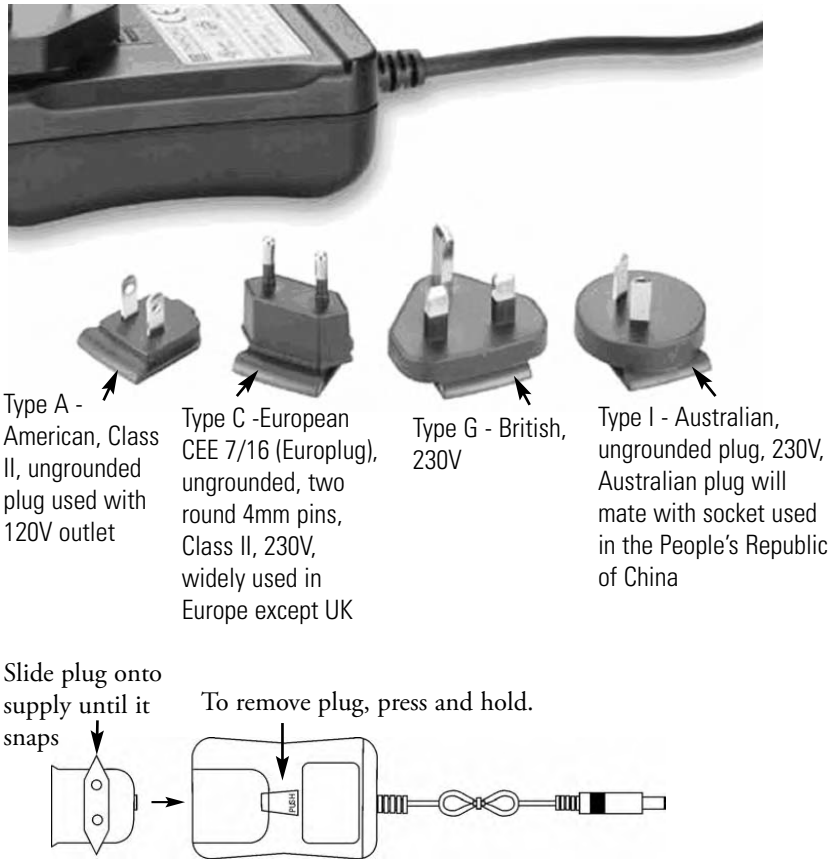

Figure 10. Interchangeable Power Supply

16. Return the freezer to operation.

Note After installation, the freezer height will be increased by 1-1/2". ▲

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Instruction Sheet 7950075

Rev	ECR/ECN	Date	Description	By
4	24996/AS-105	3/4/09	Reversed changes below	ccs
3	24966/AS-105	1/22/09	Updated power supply and cordset	ccs
2	22907	8/11/05	Added CD to kit BOM	ccs
1	--	5/26/05	Changed from qualified to customer installed option	aks
0	--	3/1/05	New instruction sheet	aks