

## OPERATING and MAINTENANCE INSTRUCTIONS for Cres Cor Refrigerated Cabinet, Model R-171-UA9B

### ELECTRICAL CONNECTIONS:

	<b>120 Volt</b>	<b>240 Volt</b>
Current Draw:	9.8 Amps	4.9Amps
Cycles:	60 Hz.	60 Hz
Phase:	Single	Single
NEMA	5-15P	6-15P

### HOW TO INSTALL THE CABINET:

1. Remove all packing material from inside the cabinet.
2. INSTALL ALL ANGLES **BEFORE UNIT IS TURNED ON**
  - a. Check the height of the pans or carriers that are going to be used so you can figure how much space you will need between angles.
  - b. Set angle pins in slots in the cabinet; push down.
3. Allow enough clearance around cabinet for air flow.

### HOW TO OPERATE:

#### To Start (See Fig. 1):

1. Turn Switch to **OFF**
2. Plug cord into lower rear of cabinet. Turn cord connector to the right to lock it.
3. Plug other end of cord into wall outlet.
4. Turn thermostat so arrow points UP (midscale).
5. Turn Power Switch to **ON**. Light will come on and compressor will start.

#### Hints:

1. Listen closely for the compressor. It will be slightly loud at first, then quiet down.
2. If you do not hear compressor running, *turn Power Switch to OFF right away.* See "Trouble-shooting" (page 3).

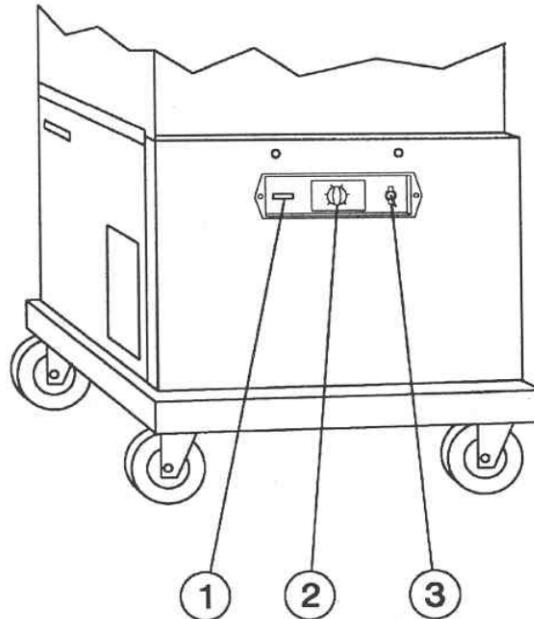


FIGURE 1  
 1. Pilot Light  
 2. Thermostat  
 3. Power Switch

#### HOW TO OPERATE (continued):

#### To Run the Unit:

Adjust the thermostat to midscale. The temperature will be 38° F (3° C) to 41° F (5° C).

**NOTE:** Turn thermostat to the right (clockwise) for colder cabinet temperature; or to the left (counter-clockwise) for a warmer temperature.

The thermostat has an **OFF** position. The compressor will not run when turned **OFF**; but the evaporator fan will continue to circulate the air in the cabinet.

#### To Shut Unit Off:

Turn Power Switch to **OFF**



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## **OPERATING and MAINTENANCE INSTRUCTIONS for Cres Cor Refrigerated Cabinet, Model R-171-UA9B**

### **MAINTENANCE:**

#### **HOW TO CHARGE AND SERVICE THE REFRIGERATION SYSTEM**

The high-side pressure should be approximately 120 PSI;  
low pressure should be approximately 18 PSI at 70° F (21° C) room temperature.  
The charge should be 9.5 ounces of R134A.  
Service valves are located on the condenser assembly.

### **HOW TO CLEAN THE CABINET:**

### **WARNING!**

- 1. REMOVE POWER CORD FROM CABINET *BEFORE* CLEANING.**
- 2. DO NOT HOSE CABINET WITH WATER.**
- 3. DO NOT GET WATER IN COMPRESSOR COMPARTMENT.**
- 4. DO NOT USE ABRASIVES OR HARSH CHEMICALS.**

#### **Cleaning Hints:**

1. Wipe up spills as soon as possible.
2. Clean the cabinet regularly to avoid heavy dirt build-up.
3. Clean a test spot with cleaner.
4. Follow manufacturer's directions on the cleaner.
5. Do not mix cleaners.
6. Avoid drips and splashes.

	<b>Soil</b>	<b>Cleaner</b>	<b>Method</b>
<b>CABINET (Aluminum)</b>	<b>Dirt</b>	Mild Detergent* and hot water, or mild abrasive cleaner.	1. Wipe with soft, damp cloth. 2. Rinse with hot water. 3. Wipe Dry.
		Steam (no strong alkaline additive)	1. Rinse after steam cleaning. 2. Wipe Dry
	<b>Fingerprints, grease, oil</b>	Mild Detergent* and hot water	1. Wipe with soft, damp cloth. 2. Rinse with hot water. 3. Wipe Dry.
		Chemical oven cleaner for aluminum	Follow oven cleaner manufacturer's instructions
	<b>Water Spots</b>	Mild abrasive cleaner. Oily or waxy cleaner.	Apply with soft, clean cloth. Wipe with damp cloth.

*\*Mild detergents include soaps and non-etching cleaners.*



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### HOW TO REVERSE DOOR HARDWARE FOR OPPOSITE HAND:

1. Pop off hinge covers with a screwdriver.
2. Open door and lift up to remove door from cabinet.
3. Unscrew and re-mount the hinges and latch strike to the opposite sides of the cabinet.
4. Remove the door hinges and the door handle; remount in the same hole patterns on the opposite sides of the door.
5. Plug all the extra holes with screws.
6. Put door onto cabinet and snap on the hinge covers.

### TROUBLE-SHOOTING GUIDE

Thermostat is a constant cut-in type. It is designed to not turn on (cut-in) until evaporator coil reaches 38-41°F (3-5° C).

#### Unit Condition:

Unit is plugged in. Switch and Thermostat are **ON**.

Failure	Probable Cause	Failure	Probable Cause
Power light off	Power Cord		Blocked capillary tube
Compressor off	Power supply down		Low Charge
Evaporator fan on, Power light on and Compressor off	Thermostat defective	Compressor starts and stops; cabinet not cooling	Faulty start capacitor
	Defective Start Relay		Faulty start relay
	Defective high-limit thermostat		Shorted compressor winding
	Low charge	Noisy compressor	Low charge
	Frost build-up on evaporator coil		Defective
	Evaporator fan defective		
Compressor on and cabinet not cooling	Thermostat defective		
	Blocked capillary tube		

#### NOTES:

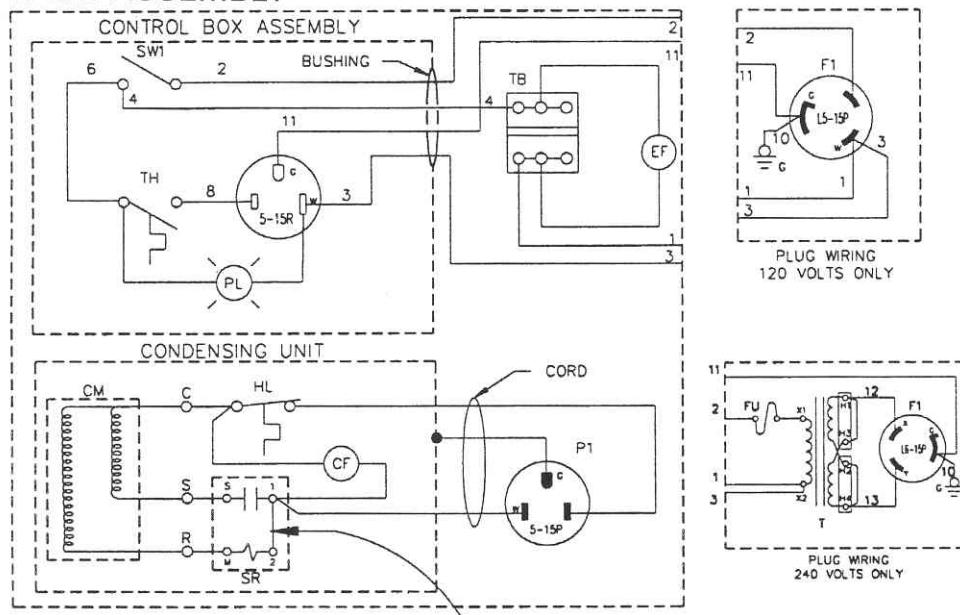
1. For replacement of the electrical parts, refer to our list of authorized service centers (Fl-1400).
2. Instructions for replacing parts are included with the replacement part.

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### REPLACEMENT PARTS:

Description	Part Number	Description	Part Number
Condenser/Compressor Ass'y	<a href="#">0854-037-K</a>	Fuse Holder (240 Volt)	<a href="#">0807-048</a>
Cord Set (120 Volt)	<a href="#">0810-031-1</a>	Thermostat Kit	<a href="#">0848-061-K</a>
Cord Set (240 Volt)	<a href="#">0810-032-01</a>	Thermometer Kit	<a href="#">5238-009-K</a>
Evaporator Ass'y	<a href="#">1416-067</a>	Transformer, step down (230/120 Volt)	<a href="#">0769-175</a>
Fan Motor	<a href="#">0769-041</a>	Universal Angle, Wire	<a href="#">0621-292</a>
Fan Motor Blade	<a href="#">0769-023</a>	Flanged Inlet (120 Volt)	<a href="#">0713-011</a>
Hinge Kit	<a href="#">0519-087-K</a>	Flanged Inlet (240 Volt)	<a href="#">0713-012</a>
Pilot Light "Power ON"	<a href="#">0766-048</a>	Terminal Block	<a href="#">0852-091</a>
Switch, ON/OFF (120 Volt)	<a href="#">0808-011</a>	Gasket, Magnetic	<a href="#">0861-202</a>
Fuse (240 Volt)	<a href="#">0807-133</a>	Universal Angle	<a href="#">0692-095-K</a>

### BASE ASSEMBLY



**NOTE:** Jumper between Terminals 1 and 2 may be replaced by a capacitor on some condensing units.

### LEGEND

C .....	Coil
CF .....	Condenser Fan Motor
CM .....	Compressor Motor
EF .....	Evaporator Fan Motor
FI .....	Flanged Inlet- Power In
GRD .....	Chassis Ground
HL .....	Compressor Motor High Temp. Limit
P1 .....	Condenser Ass'y. Plug
PL .....	Power "ON" Pilot Lamp
R1 .....	Condenser Ass'y. Receptacle
SR .....	Compressor Start Relay
SW1 .....	Power "ON/OFF" Switch
TH .....	Thermostat, Cold Control
TB .....	Terminal Block
T .....	Transformer (240 Volts Only)
FU .....	FUSE (15 Amp) (240 Volts Only)