

# Installation Instructions

## Fan Kit #26731008

These instructions outline the procedures to install a Fan Kit in your MMCD-1, MMCD-2, and MMCD-3 Jukeboxes with a previously installed Rowe JUMP® Kit.

### Tools Required

1/4 nut driver, drill motor, saber saw, 7/64 11/64, and 3/8 drill bits, 1/4 open end wrench, and safety glasses.

### Parts Included with this Kit

<u>Item #</u>	<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
1	34065103	Interconnect Circuit Board Assembly	1
2	34052901	Fan	1
3	40961103	Temp Sensor & Harness Assembly	1
4	21895504	Finger Guard	1
5	84663632	#8-18 x 2 Wood Screw	4
6	86663614	#8 x 7/8 Wood Screw	1
7	40942702	Fan Filter Frame	1
8	80443016	#8-32 x 1 Machine Screw	4
9	86663610	#8 x 5/8 Wood Screw	2
10	34053102	Fan Filter Screen	1
11	34053001	Filter Pad	1
12	40960803	Fan Mounting Template (MMCD-1,2,3)	1
13	70800101	Tie Wrap (Not Shown)	5
	22010408	These Instructions	1

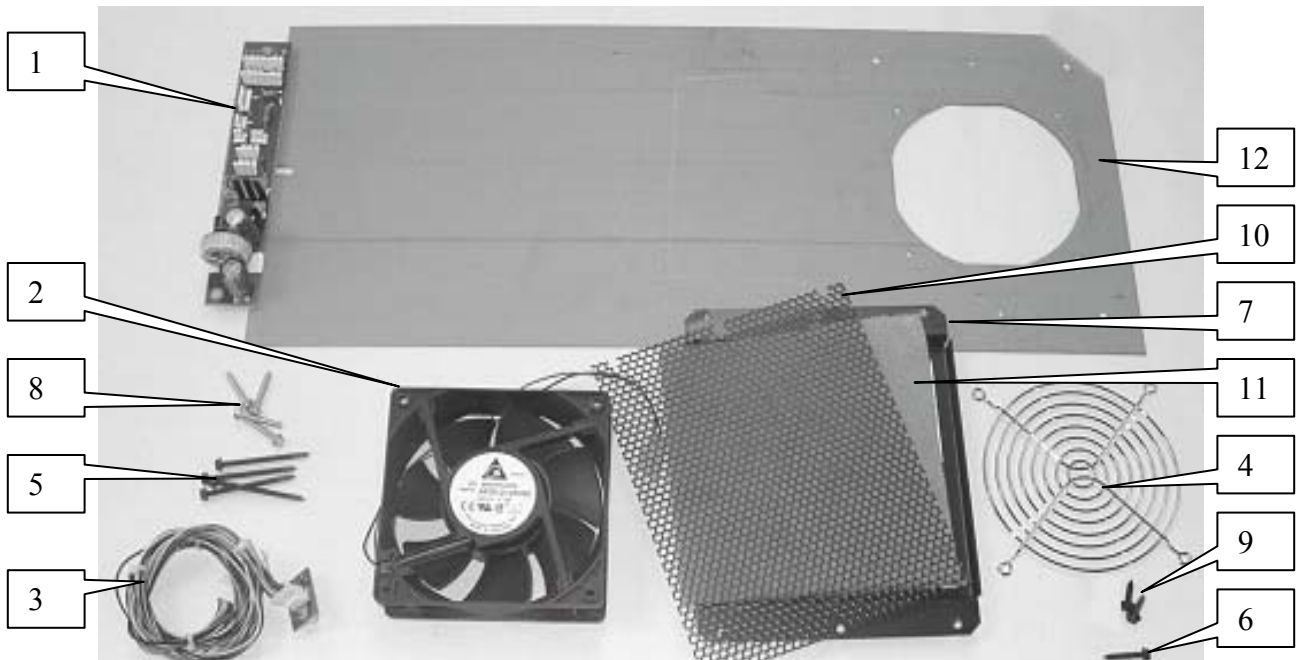
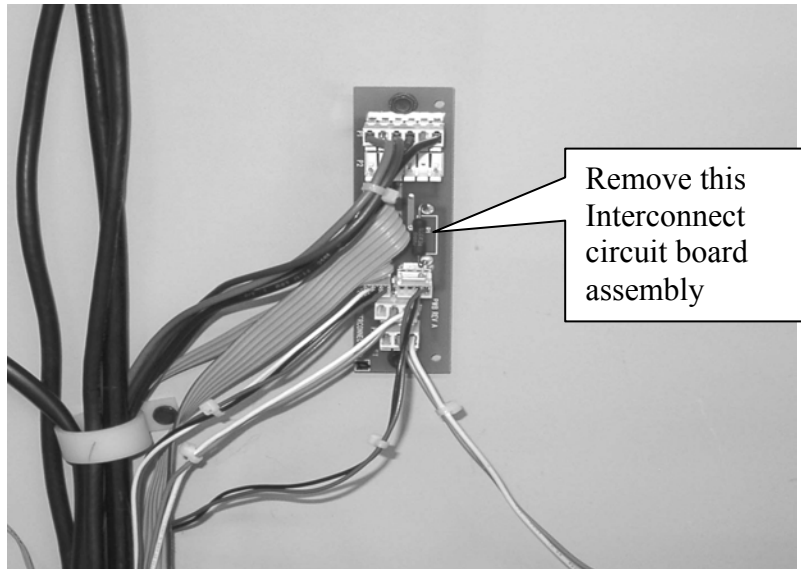


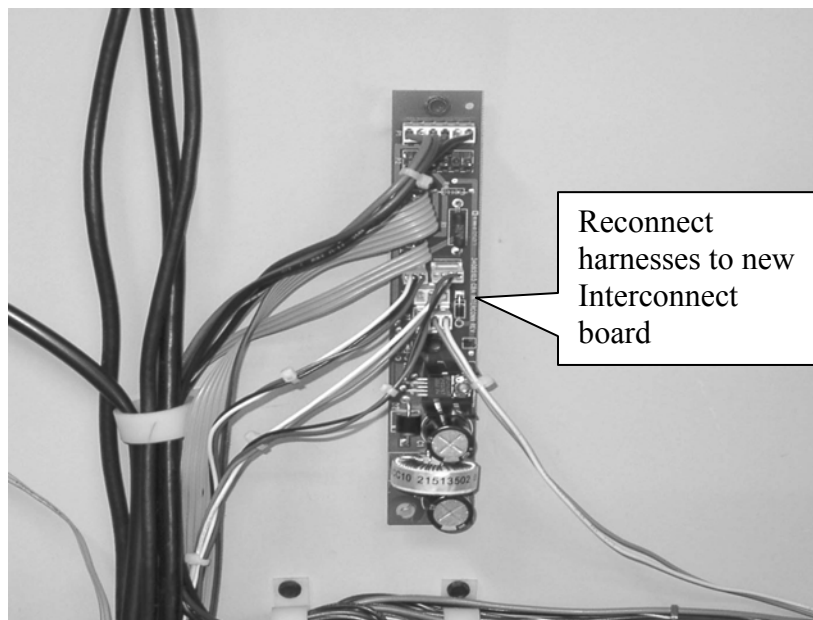
Figure 1

1. Turn the Jukebox power off, and unplug the power cord from the wall outlet.
2. Locate the Interconnect Circuit Board Assembly on the back wall above the Computer Core Assembly. Note all of the harness locations on the Interconnect Circuit Board Assembly before disconnecting them. Remove the two mounting screws and board, it will not be reused with this application. See Figure 2.



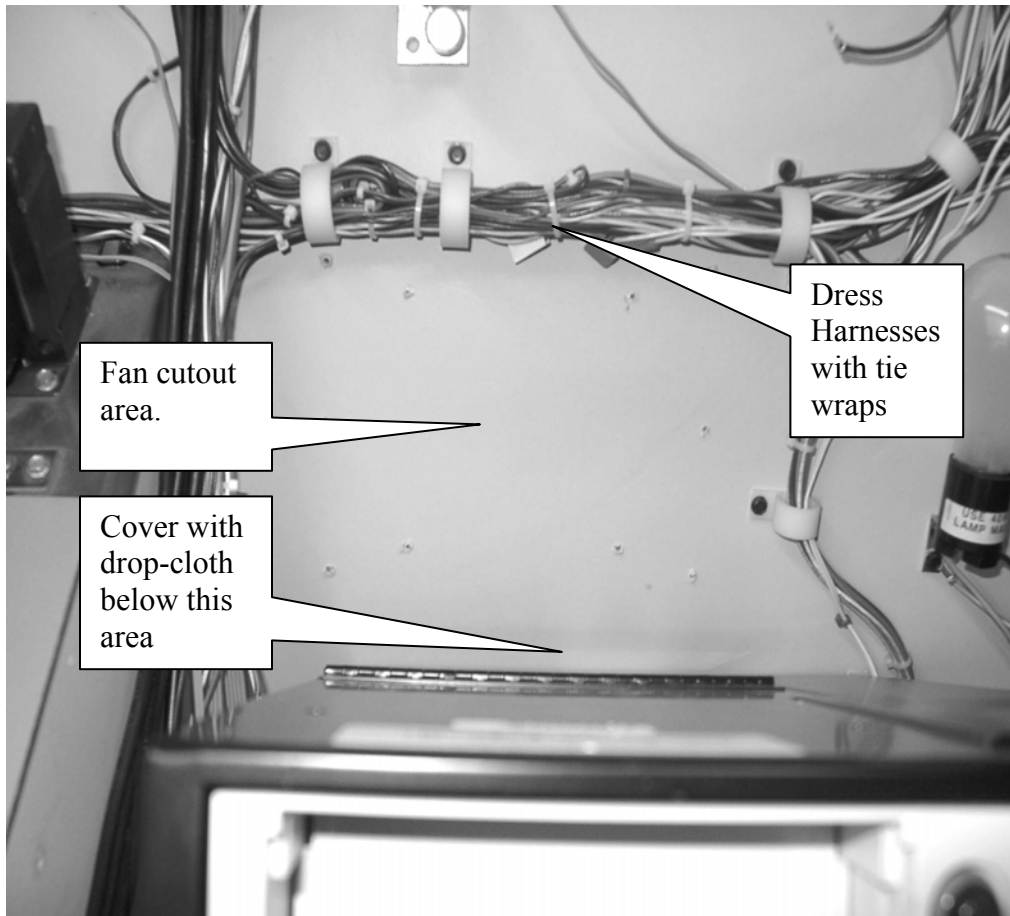
**Figure 2**

3. Using the two screws previously removed, mount the new Interconnect Circuit Board Assembly (Item #1) supplied with this kit. Reconnect all harnesses removed in step 2. See Figure 3.



**Figure 3**

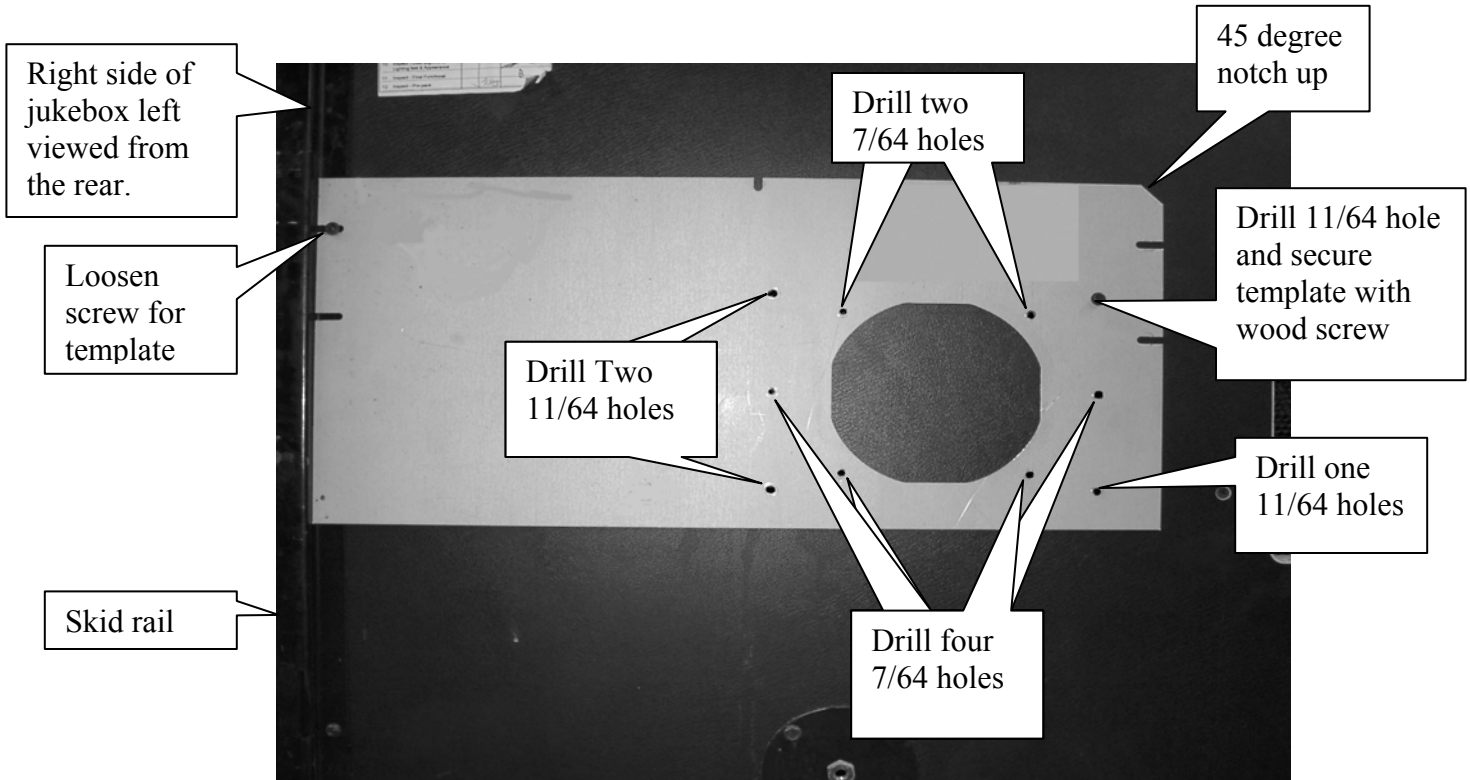
4. Dress the harnesses in the fan cutout area with the Tie Wraps (Item #13) provided in this kit. Insure that wiring damage does not occur during the drilling and cutting operation. Cover all components inside the jukebox that are below the fan cut out area with a drop-cloth to protect from sawdust. See Figure 4.



**Figure 4**

5. Loosen the third screw down from the top right rear of the jukebox as shown in Figure 5.
6. Attach the Fan Mounting Template (Item #12) as shown in Figure 5 (45 degree notch up) to the screw loosened in step 5. Carefully press the template tight against the metal skid rail of the jukebox and tighten the screw. Drill a 11/64 pilot hole, then secure the template with a #8 x 5/8 Wood Screw (Item #9) as shown in Figure 5.
7. Drill the three remaining 11/64 holes and the six 7/64" holes. See Figure 5.
8. Scribe or otherwise mark the outline of the fan opening onto the back of the jukebox. Remove the template from the jukebox, it will not be reused. Tighten the screw on the right rear side that was loosened in step 5.

**NOTE:** Do not use the metal template as a guide when cutting the opening for the fan.

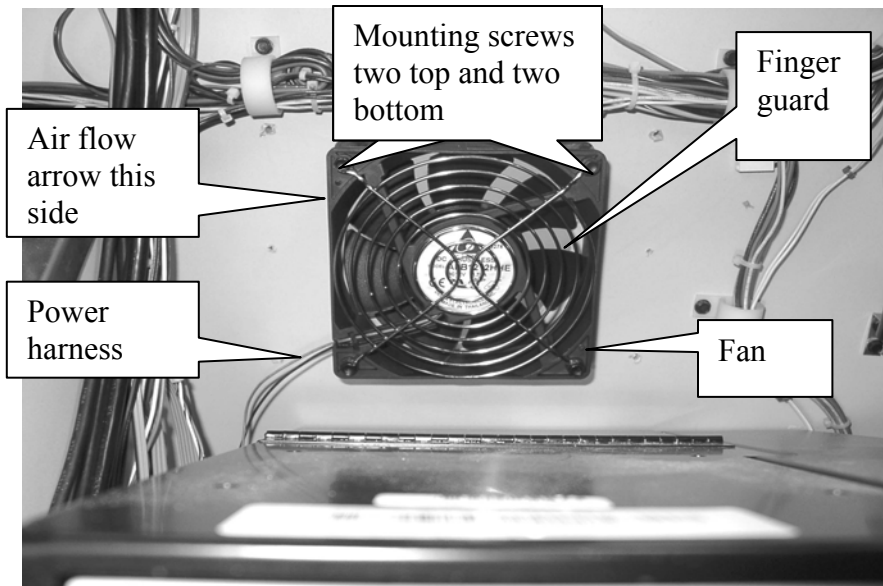


**Figure 5**

**\*NOTE:** It is very important to cut this opening accurately in the following step, as air leaks will decrease the fans effectiveness.

9. To cut the fan opening drill 3/8-inch diameter holes to provide blade access (drill as many as needed). Use the saber saw to cut on the **inside** of the scribed line. Remove the drop-cloth used to cover components inside the jukebox.

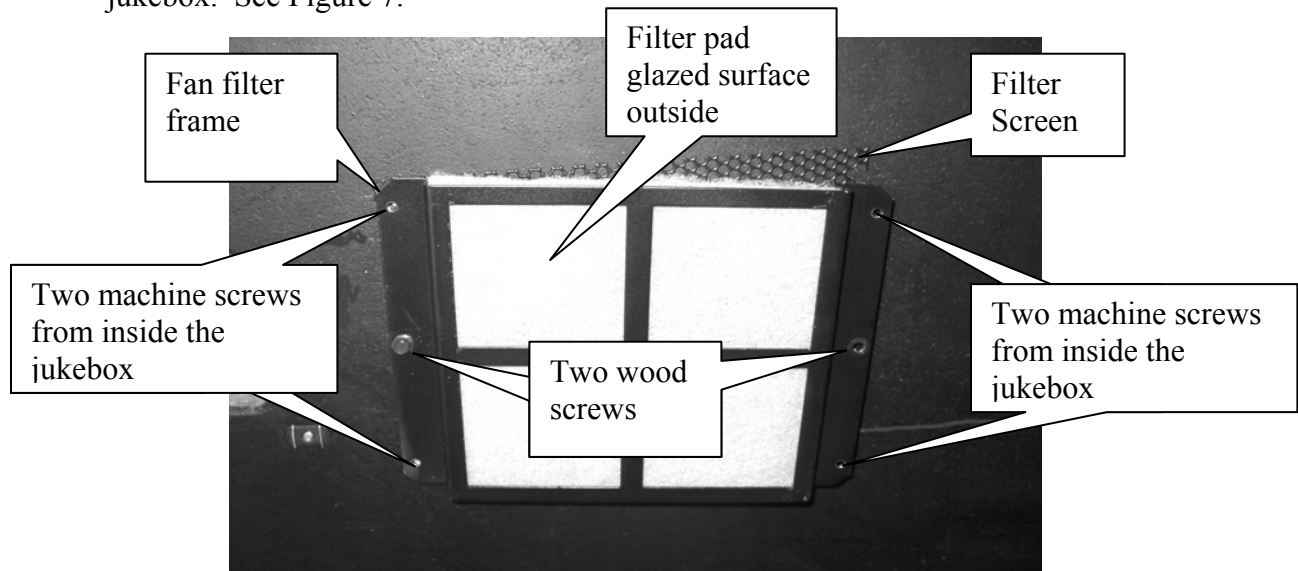
10. Install the Fan\* (Item #2) and the Finger Guard (Item #4) from inside the jukebox using four #8-18 x 2 Wood Screws (Item #5). See Figure 6.



**Figure 6**

**\*NOTE:** Airflow arrow on the fan must be pointed to the inside of the jukebox.

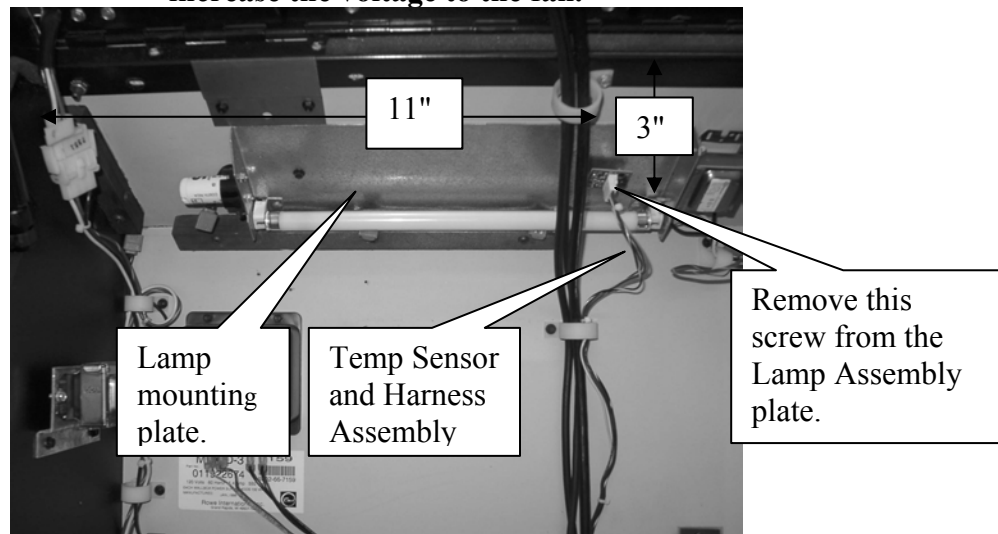
11. Assemble the Filter Screen (Item #10) and the Filter Pad (Item #11) into the Filter Frame (Item #7) and attach with two #8 x 5/8 Wood Screws (Item #9) as shown in Figure 7. Finally, to prevent someone from removing the filter frame from the outside, install the four #8 x 32 x 1" Machine Screws (Item #8) from the inside of the jukebox. See Figure 7.



**Figure 7**

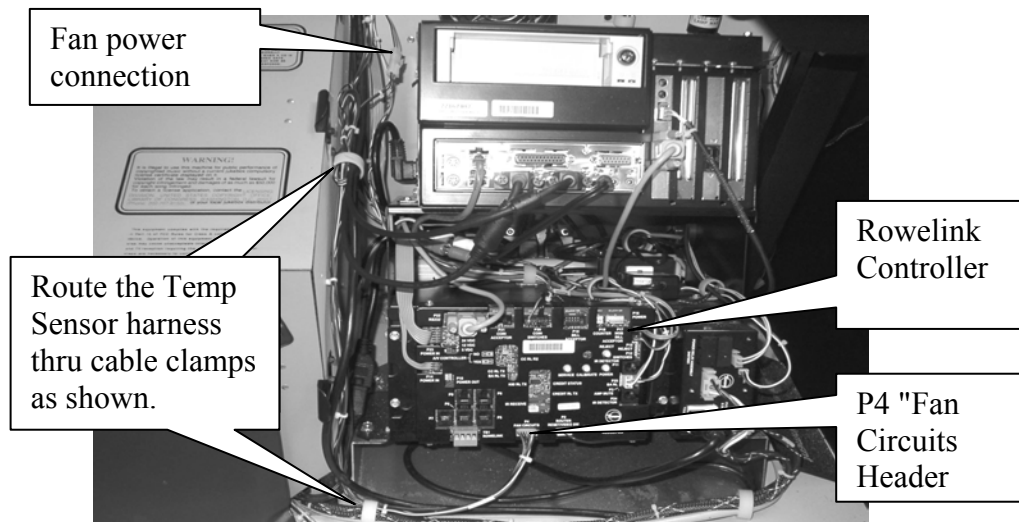
12. Remove the screw of the Lamp mounting plate on the top panel of the jukebox if present. If not present drill a 7/64 pilot hole approximately 11 inches from the left side of the jukebox and 3 inches from the back wall. Install the Temp Sensor and Harness Assembly (Item #3) with the plastic spacer against the metal mounting plate or the top panel using the #8 x 7/8 Wood Screw (Item #6) provided in this kit. See Figure 8.

**Note: As the internal jukebox temperature rises the Rowelink Controller will increase the voltage to the fan.**



**Figure 8**

13. Route the fan harness down toward the computer core assembly, thru the cable clamps to the P4 "Fan Circuits" header on the Rowelink Controller. Connect the two pin female connector on the fan harness to the two pin male connector of the fan power harness. See Figure 9.



**Figure 9**

14. Turn the jukebox on and check for proper fan operation.

## **ROUTINE SERVICE**

The air filter will need to be washed periodically. The frequency will depend on the conditions at the site, so it is best to check the filter condition at least once a month.

Remove and clean the filter as necessary. Use warm water with a mild detergent to clean it. Rinse thoroughly and allow it to dry.

Remember that one side of the filter has been glazed to make it easier to slide in and out of the frame. To ease removal and re-installation, this glazed side should face outward.

# MMCD-1,2,3 Wiring Diagram

