



BY JOHNSON CONTROLS

Service Information

File In/With: N/A

SI0247

New 1011

Equipment Affected: YK, YS, YT, YIA, YPC

1 X 40 Single Line Micropanel Vacuum Fluorescent Display Replacement

GENERAL

Due to our vendor discontinuing the manufacture of the original Single Line Vacuum Fluorescent display, a replacement module has been designed. The new display part number is 031-03277-000.

This new part 031-03277-000 replaces the following part numbers:

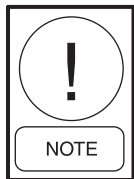
031-00775-000

031-00775-001

331-00775-600

When it becomes necessary to replace the module, use the following procedure:

1. Turn power off to the chiller.
2. Disconnect the display ribbon cable from the defective display connector J2.
3. Remove the power connector from the defective display connector J1.
4. Loosen the two left hand ribbon cable clamps. (The ribbon connection point will move from the left side of the old 031-00775-001 board to the right side of the new 031-03277-00 board).
5. Remove the four display mounting screws and retain.
6. Remove the defective display module.



If your old display has an isolation board mounted on it, modify the isolation board by cutting a hole as shown In Figure 1.

Work on this equipment should only be done by properly trained personnel who are qualified to work on this type of equipment. Failure to comply with this requirement could expose the worker, the equipment and the building and its inhabitants to the risk of injury or property damage.

The instructions on this service bulletin are written assuming the individual who will perform this work is a fully trained HVAC & R journeyman or equivalent, certified in refrigerant handling and recovery techniques, and knowledgeable with regard to electrical lock out/tag out procedures. The individual performing this work should be aware of and comply with all Johnson Controls, national, state and local safety and environmental regulations while carrying out this work. Before attempting to work on any equipment, the individual should be thoroughly familiar with the equipment by reading and understanding the associated service literature applicable to the equipment. If you do not have this literature, you may obtain it by contacting a Johnson Controls Service Office.

Should there be any question concerning any aspect of the tasks outlined in this bulletin, please consult a Johnson Controls Service Office prior to attempting the work. Please be aware that this information may be time sensitive and that Johnson Controls reserves the right to revise this information at any time. Be certain you are working with the latest information.

Product Technical Support

7. Place the isolation board on the new display and install the new display using the 4 mounting screws.
8. Connect the 6 pin power connector to the display connector J5.
9. Connect the display ribbon cable to the display connector J2. (Ensure that the colored band on the ribbon cable is located on the top, aligning with pin 1 of J2)
10. Note that nothing is connected to J1 or the connector next to it.
11. Turn power back on to the chiller.

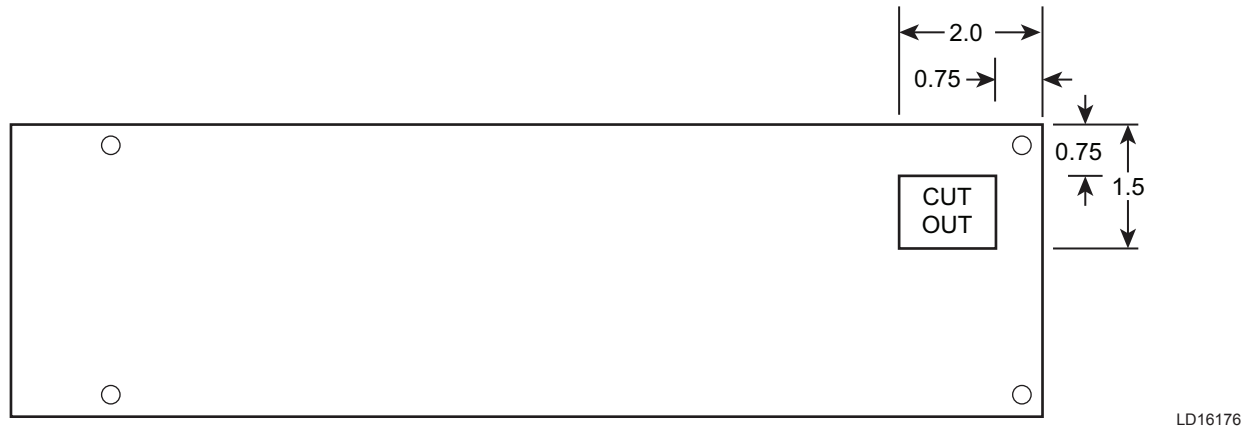


FIGURE 1 - MODIFICATION OF ISOLATION BOARD