



BY JOHNSON CONTROLS

Service Information

File In/With/Replaces: 100.42-01

SI0262

New

4-12

Equipment Affected: YORK / ABB Air Modulator

Johnson Controls Air Modulator VFD - Service Support and Warranty Procedure

The Johnson Controls Air Modulator is a variable frequency drive (VFD) that is offered in three packages:

1. Drive only
2. Drive with Disconnect
3. Drive with Disconnect and Manual Bypass

The drive component is a model AYK550 drive that is manufactured for Johnson Controls by ABB, Inc.

The Drive only package is supplied by ABB, Inc. The Drive with Disconnect and Drive with Disconnect and Manual Bypass packages are supplied by two manufacturers:

1. ABB, Inc., and
2. Schneider Electric (RAM) Inc.

Knowledge of the origin of manufacture is required in order to determine the correct path for service support and warranty administration. The information below is intended to help identify the product manufacturer.

ABB MANUFACTURED PRODUCT

In order to obtain authorized service and warranty support from ABB, the following product information is required:

- Unit (Cabinet) Model and Serial Number
- ABB Base Drive Model and Serial Number



Unit (Cabinet) Model Number Unit (Cabinet) Serial Number

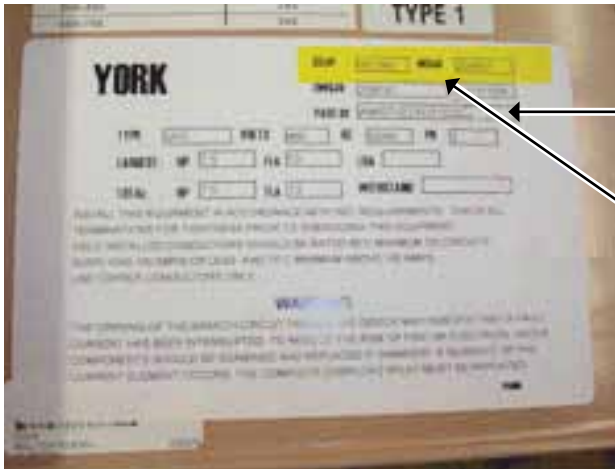


Location of Product Identification Label (inside cabinet door)

SCHNEIDER ELECTRIC (RAM) MANUFACTURED PRODUCT

In order to obtain authorized service and warranty support from Schneider Electric (RAM), the following product information is required:

- Unit (Cabinet) Sales Order Number (SO#) and Part Number
- ABB Base Drive Model and Serial Number



Schneider Electric (RAM) Part Number

Schneider Electric (RAM) Sales Order Number

LOCATION OF ABB BASE DRIVE MODEL AND SERIAL NUMBER



Drive heatsink



Top of drive

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.

The following diagram (Figure 1 – Air Modulator Product Service and Warranty Support Flow) illustrates the process for Product Service and Warranty Support from both ABB and Schneider Electric.

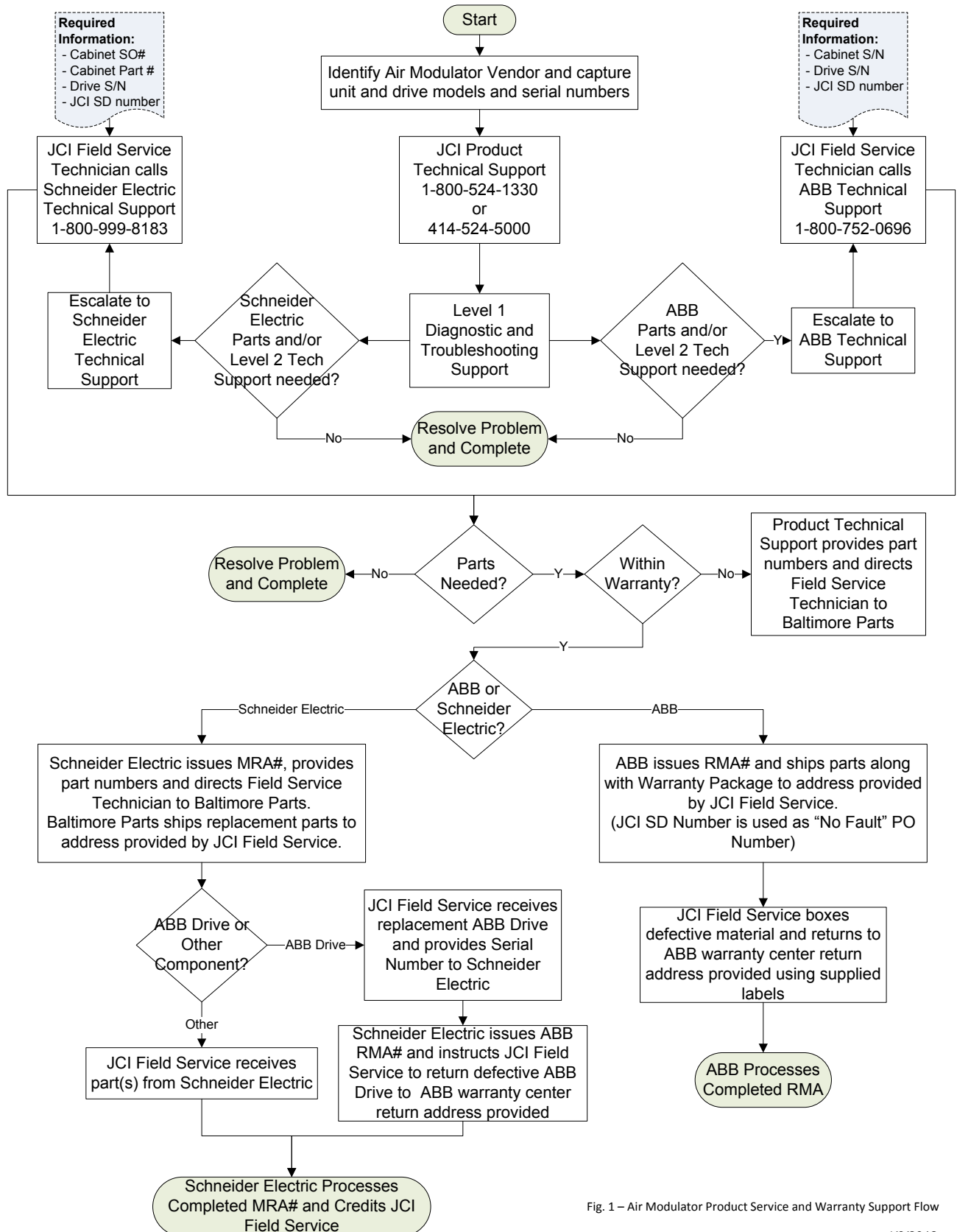


Fig. 1 – Air Modulator Product Service and Warranty Support Flow

4/3/2012