



BY JOHNSON CONTROLS

SB0103

1108

File In: N/A

SERVICE BULLETIN

Affected Equipment: YPAL Packaged Rooftop Units, Mod "F" VAV w/IPU Control

Subject: Replacement of Duct Static Pressure & Building Pressure Transducers

Issue Date: 11/21/08

Withdrawal Date: 12/31/09

Data Control Level: C

Materials Needed: (See below)

Tools Required: Service hand tools

Est. Time Required: One hour, plus travel

Warranty: Yes

Revision Notes: N/A

Issue:

The duct static pressure transducer and the building pressure transducer installed on YPAL MOD “F” VAV units with the IPU control are not correct. The source voltage to the transducers is 24 VAC; however, the transducers installed in the unit require a source voltage of 24 VDC .

Solution:

Change out the transducers. Engineering has set up the following correct part numbers.

Duct Static Transducer

Part Number - 025-42359-001
Setra P/N – 2651-005WD-AB-T1-C
Input Range – 0 to 5” WC
Input Voltage – 24 VAC
Output Voltage – 0 to 5 VDC

Building Pressure Transducer

Part Number – 025-42359-003
Setra P/N – 2651-0R5WB-AB-T1-C
Input Range - +/- 0.5” WC
Input Voltage – 24 VAC
Output Voltage – 0 to 5 V

Production:

Units shipped after December of 2008, (2NTM) serial number prefix and later will have the correct transducers installed at the factory.

Warranty:

This update is required on all Mod F VAV units with the IPU control option shipped before December 2008. Claims for repairs must be submitted using the standard procedure. The “Problem Description” section of the warranty claim must contain a reference to Service Bulletin SB0103.

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 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.