

Service Bulletin

SR-052

DATE: October 13, 2011
TO: All Service and Parts Managers
SUBJECT: Excess Flux in Flowrator on ACNF Air Handlers

There have been a small numbers of occurrences of excess flux getting into the flowrator assembly on ACNF Air Handlers with serial numbers beginning with 1103 through 1109, causing the piston to stick. Therefore, we are requesting that the piston be checked at install to ensure it moves freely in the flowrator body.

If the piston is sticking due to flux, applying a couple of drops of isopropyl alcohol to the inside of the flowrator body will loosen the piston so it can be removed and further cleaned with isopropyl alcohol. Also clean the internal surfaces of the flowrator body to remove any flux buildup. After cleaning, replace the piston after ensuring it is the correct size orifice for the application by checking the Piston Kit Chart shipped with the unit.

NOTE: When using isopropyl alcohol to clean the flowrator assembly, do not oversaturate the flowrator assembly with excess isopropyl alcohol. The isopropyl alcohol should evaporate but it is recommended to purge the coil with nitrogen to assist in removal of all the isopropyl alcohol before connecting the tubing to the coil.



If isopropyl alcohol will not sufficiently loosen the piston for removal, then a small screw can be inserted into the orifice hole to assist in removing the orifice. **NOTE: If this method is employed, the piston should be discarded and a new piston installed after ensuring the flowrator body is free of flux.**

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