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APPLIC. NOTICE GENERAL LIST

Issue No.: 01/16  
Date: 14<sup>th</sup> April 2016  
From: T King

Subject: ELECTRICAL GROMMETS  
Units: IMDL Fan Coil Units and Various Other Units where applicable

It has come to our attention recently through site investigations that when fan motors are being replaced in IMDL and various other indoor units (e.g. ISDL) that the plastic grommets fitted at the factory are sometimes being accidentally removed.

We suspect that this happening as the failed motor is removed and the motor wires and sheath that are cable tied are pulled through the grommeted holes in the electrical box and the sheetmetal bulkhead, the grommets are being caught and pulled out.

When this happens it may not be noticed and when the new motor is fitted the wires then pass through holes with raw sheetmetal edges that may then wear through the wire plastic casing over time until the wire starts arcing to the sheetmetal. This has the potential of a fire or at least some smoke production.

Temperzone would like to recommend that on any fan motor replacement where the wires pass through sheetmetal that the sheetmetal must have a grommet fitted to prevent the wire casing rubbing on any raw sheetmetal edge. If accidentally removed they must be replaced and the contractor has a responsibility to check that grommets are fitted or replaced during this work.

Temperzone would also point out that this applies to any wires passing through holes in sheetmetal for any item.