

TECHNICAL SERVICE BULLETIN

TSB C-GN-OT-0068

Date: March 31, 2025
To: Internal, Sales, Distribution, and Sales Representatives
From: Name, Title
Subject: 0131M00804 ECM Motor Low Voltage Wiring

The yellow fan wire on the below listed models may appear to be disconnected, which might lead field technicians to mistakenly believe that it is a factory error. If the yellow wire is connected to the run capacitor during field installation, the motor may experience electrical stress that can cause premature warranty claims and service calls.

This wiring configuration is unique to the below listed models. Other models using the same ECM motor require the fan wire to be connected to operate properly.

Units Using 0131M00804 ECM Motor	
GLXS4BA6010AA	ALXS4BA6010AA
ALXS4NA6010AA	DC4SQA6010AA
DC4SEA6010AA	



During Installation or motor replacement review the wiring diagram. Do not connect the outdoor fan motor yellow wire to the capacitor on these listed models.

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When checking the operation of the ECM condenser motors used on the listed 5-ton units, 24 volts must be supplied to the module of the ECM motor for the motor to operate. Manually engaging the contactor will not allow the motor to operate causing an incorrect diagnosis of a failed motor.



Quality Assurance ("QA") is planning a 90-day program to remove this terminal and add closed wire connector to prevent installers from connecting the wire incorrectly.

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