

Ducted Systems Technical Services: Service Tips Letter

Letter: ST-017-22

Date: October 25, 2022

To: S1 HVAC Branch and Distributor Principal, Sales Manager, Service Manager, Parts Manager, Warranty Manager, Delegated Administrator, Ducted Systems Technical Services, DS Parts/S1, ES Americas, ADTI Channel, Account Representatives, Marketing, Sales, Warranty teams.

Subject: **NL120 Wiring Changes for DOE 2023**

Product/s: Future 10 Ton 2-Pipe Intellispeed Split System Air Handlers manufactured on or after the date of Nov 14, 2022. (NL120, J10NL, NST10, NS-10) (11th Digit of B, C, or D) when paired with Condenser Systems: YC090, J07YC, YHT07, YH-07.

Summary: This letter is to identify equipment and inform customers that 10 Ton 2-Pipe Intellispeed Split System Air handlers will have DOE 2023 changes take effect before January 1, 2023.

Johnson Controls Commercial Technical Services has been informed that the **DOE 2023 approved 10 Ton 2-Pipe Intellispeed Air Handlers** will begin production on November 1, 2022. It was intended to release at the beginning of the 2023 calendar year and has been moved up to provide this product sooner to customers. Being there is a factory wiring change for the product and some orders will be upgraded to reflect the (NL120, J10NL, NST10, NS-10) (11th Digit of B, C, or D) nomenclature now. Commercial Product Technical Services would like to inform customers how to properly change the wiring.

When the new air handler design is built it will now incorporate a change to the solenoid wiring for the above-mentioned Air Handlers only. The factory wiring is being changed so that the connections to relays RY1 and RY2 are bypassed to energize the solenoid valve (1LLS) directly. This will affect 7.5 ton condensers that were formerly approved in Selection Navigator with a 10 ton air handler. **To remediate this change it is advised at installation to perform the following.**

1. Connect wire 204 to RY1-7 and CB1.
2. Connect wire 219 to RY1-5 for single-stage operation
3. Connect wire 219 to RY2-5 for 2 stage operation

We apologize for any inconvenience this may have caused. If you have questions, please call us at 877-874-7378 and follow the phone-cue prompts for your product or have your distributor contact us at [cg-upgtechsupport@jci.com](mailto:upgtechsupport@jci.com).

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