

## UTD-ECS5A Wire Kit

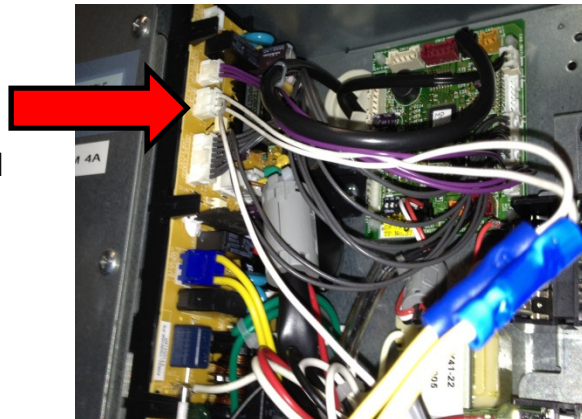
The UTD-ECS5A is a wire kit for our Slim Duct models. This wire kit can be used for emergency shutdown, fresh air control, aux heat, or turning the unit on and off remotely. Below will show you how to wire in an emergency shutdown drain switch. This can be used if you are installing an auxiliary drain pan under the slim duct unit. This configuration will shut down the unit if the primary drain fails and water spills into the auxiliary drain pan.



First you need to find a Normally open float switch. The switch we use in this example is a Little Giant model#ACS-3. (Any normally open switch will work)The switch comes normally closed from factory, but needs to be changed to normally open by moving the wire from NC to NO.

The wires from the switch will now be crimped onto the UTD-ECS5A wire connector (3 wire connector). Use wires 1 and 3 on the connector. Wire 2 should not be used. Use crimp or butt connectors. Plug in the Molex plug to CN102 on the power filter board.

**POWER MUST BE TURNED OFF WHILE WIRING THE FLOAT SWITCH.**



After installing the switch the next step is programming. You must program the unit for "Forced Stop". Function 46 setting value 02. This can be found in the installation manual for the unit. Once programming is finished power must be reset for 5 minutes.