

## Instructions converting ED106 controller to TSX Controller

### ED106 Terminals

- #1 Return for relays
- #2 Compressor
- #3 Evaporator Fans
- #4 Not used
- #5 Defrost
- #6 not used or not there
- #7 not used or not there
- #8 Evaporator Temp Sensor
- #9 Common -return for sensors
- #10 Cold Room sensor
- #11 120 volt power in
- #12 120 volt power return

Take the transformer power supply (120 volts) and run to terminals 6 and 7 on TSX

The 12 volt relays, the terminals marked "Com" and "NO" are used on TSX controller  
the other 2 wires are 12 volt wires and are not needed, you can remove them after installing the TSX

### Terminal switch guide

The wire on Terminal #1 (ED106) goes to Terminal #9 (TSX) "COM" from all 3 relay

The wire on Terminal #2 (ED106) goes to terminal #8 (TSX) "NO" from compressor relay

The wire on Terminal #3 (ED106) goes to terminal #11 (TSX) "NO" from evaporator fans relay

The wire on Terminal #5 (ED106) goes to Terminal #10 (TSX) "NO" from Defrost relay

The wire on Terminal #8 (ED106) goes to Terminal #2 (TSX) Sensor for Evaporator

The wire on terminal #9 (ED106) goes to Terminal #4 (TSX) return for sensors (both)

The wire on terminal #10 (ED106) goes to Terminal #3 (TSX) Sensor for Cold Room

The wire on Terminal #11 (ED106) goes to Terminal #6 (TSX) 120 volt power the Controll

The wire on Terminal #12 (ED106) goes to Terminal #7 (TSX) 120 volt power return for the controller

Everything should work at this point

The 120 volt power to controller is to power the controller only

If you have questions , please call 252 451 1951

PS: If you use your old probes , you will need to change the setting in the new controller