



# PUMP KIT WIRING DIAGRAM



A CSW Industrials Company



Wiring instructions for Ghost Pumps:  
•Elbow •External •External Plus •Internal •Remote

## Carrier 230 Volt Evaporators

**NOTE: DO NOT USE SEPARATE 230 VOLT OUTLET TO POWER PUMP AS THIS IS NOT FAIL SAFE AND MAY CAUSE AN OVERFLOW!**

1. Check voltage at evaporator and ensure that pump voltage is correct.
2. Install 1 amp inline fuse between evaporator and pump to protect pump and unit.
3. Connect pump power wires to terminal 1 & 2 in evaporator as shown on diagram. This will ensure that pump is powered only when evaporator has power.
4. To wire overflow switch, connect communicating wire from condenser to blue (common) wire from pump with wire nut as shown in diagram.
5. Connect yellow wire (normally closed) from pump directly to terminal S in evaporator as per diagram.
6. Attach warning label provided to front face of terminal cover in indoor unit.

**NOTE: OVERFLOW ALARM WIRE MUST BE CONNECTED TO ENSURE THAT, IN CASE OF PUMP FAILURE OR BLOCKAGE IN DISCHARGE HOSE, EVAPORATOR WILL SHUT DOWN. CONNECTION OF THE OVERFLOW ALARM CIRCUIT IS MANDATORY AND FAILURE TO DO SO WILL INVALIDATE PUMP WARRANTY!**

