



PUMP KIT WIRING DIAGRAM



A CSW Industrials Company



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

230V VRF UNITS

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. Make sure all power is off prior to installing the pump. Connect pump power wires to terminals 1, 2 in evaporator. This ensures the pump is powered only when the evaporator has power but continues to be powered in case of an evaporator fault.
3. Install 2 amp inline fuse between evaporator and pump as shown to protect pump and unit.
4. Locate the CN14 wire harness included in the Indoor Unit Box..
5. USE BUTT CONNECTORS ONLY, NOT WIRENUTS to connect yellow (N/C) wire from overflow switch to 1 yellow wire and blue (common) wire from overflow switch to other gray wire on wire harness.
6. Insert green connector CN14 with wires attached into terminal CN14 of Indoor Unit PCB.
7. Attach warning label provided to front face of terminal cover in indoor unit.
8. Turn ON the dip switch (DSW2 #1) on the PCB2 of the indoor unit before applying power to the pump and 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!

