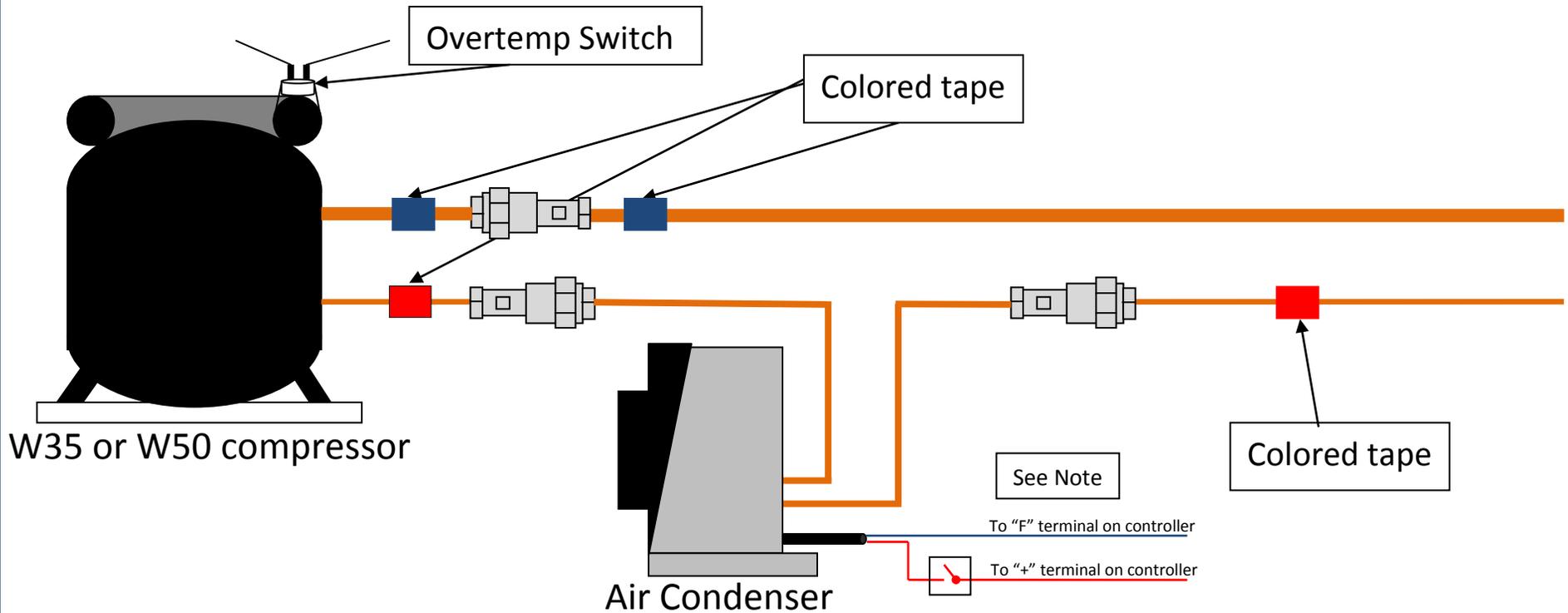


Instructions for adding an Air Condenser to a Frigoboat W35 or W50 system



Installation Instructions

1. Locate coupling with red tape either side of coupling. This is in the smaller tubing.
2. Separate halves of coupling using wrenches on large hex collar and adjacent thin hex surface. Large hex collar rotates; thin hex surface remains stationary. Internal valves seal when coupling is separated. Protect exposed parts from dust, dirt, etc.
3. Remove dust caps from Air Condenser and connect to male and female halves of separated coupling. Ensure o-rings are not snagged or damaged. Do not use any lubricant, tape, etc. on the threads or rubber o-ring.
4. Make up connections as far as possible by hand, and then with wrenches until threads are covered. Do not over-tighten. The connection needs to be snug only, as the o-ring makes the seal and the threads then open the internal valves.

NOTES:

- 1)* Install on/off switch in red wire.
- 2) Connect fan wires on "F" and "+" terminals, with wires to pump relay..
- 3)* By-Pass the over-temperature switch on the water-cooled condenser when pump is not in operation.
- 4)* Install on/off switch in existing pump wiring.

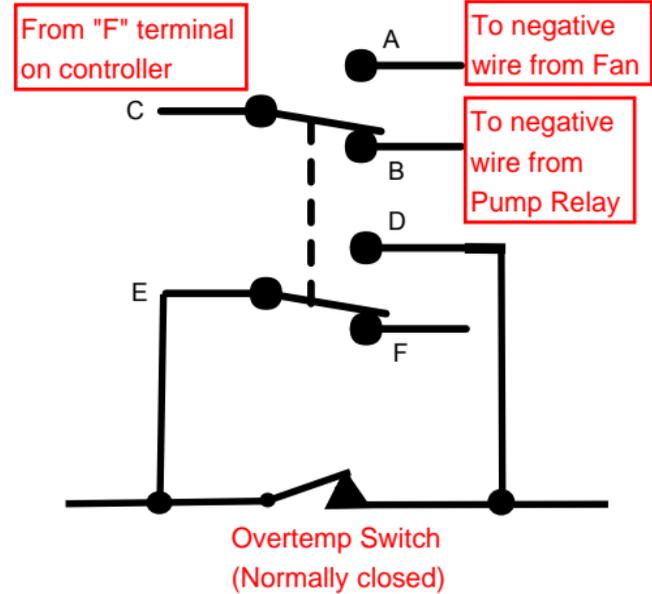
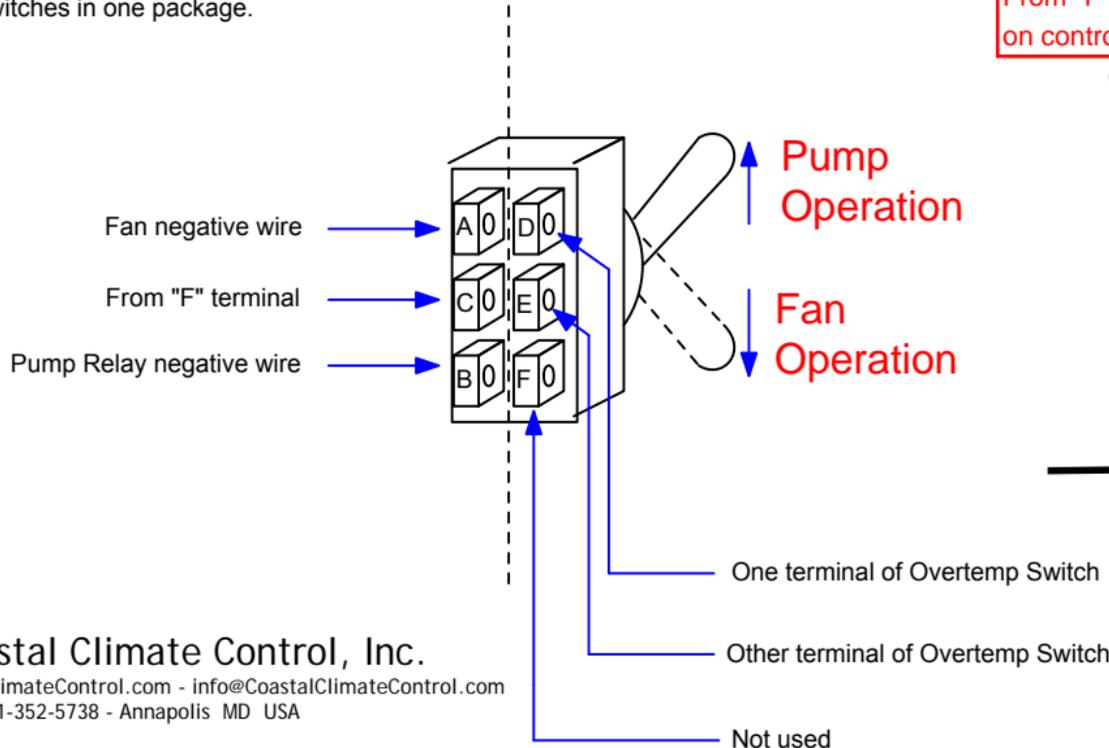
NOTE* Items 1), 3) and 4) can be combined in an appropriate DPDT on/off/changeover switch.

See over for details.

A Double Pole Double Throw toggle switch acts exactly like two separate SPDT switches. It has two separate common terminals and each of those is connected to one or the other of the other two terminals on the same side of the switch. The dotted line in the picture is to illustrate that the switch is actually two SPDT switches in one package.

Double Pole Double Throw (DPDT) switch used for switching between Fan and Pump operation

Switch below shown set for Pump operation



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