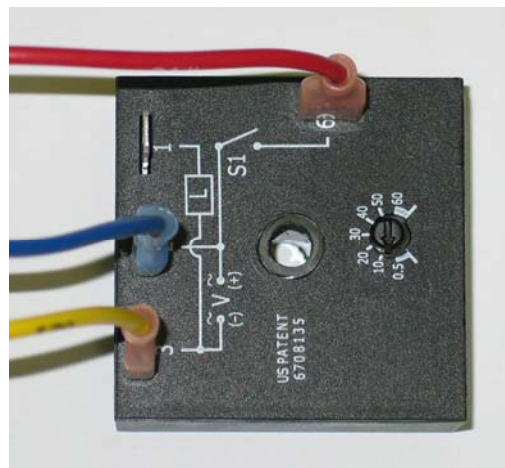




UniChiller Flow Switch Run-on Delay Timer Kit (P/N: A01360-G01)

The following control timer is designed to add a delay-on-break time delay to keep the pump running for a brief time should the flow switch turn off. In some applications, the flow may be momentarily disrupted due to valves turning off elsewhere in the system. This delay timer will prevent the UniChiller from shutting down during those brief water flow disruptions. The timer is adjustable between 0.5 and 60 seconds but we do not recommend more than 5 seconds in order to protect the pump. If the pump shuts down with this timer installed, the low flow condition is not a sudden brief disruption and other causes need to be investigated.



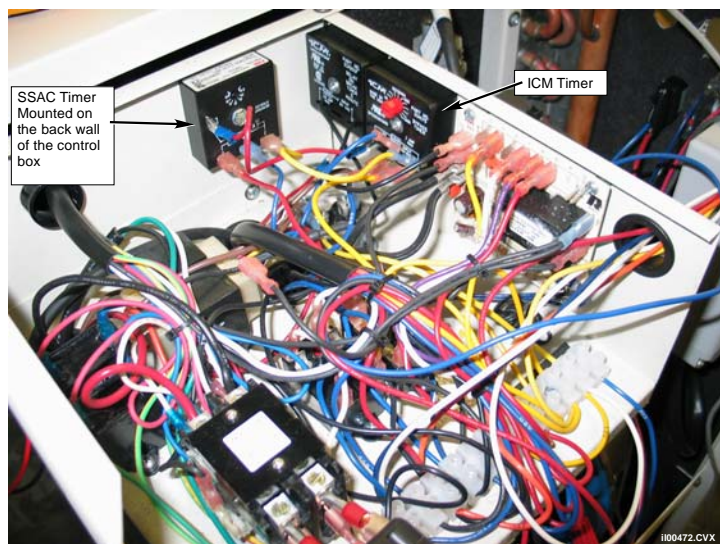
Installation Instructions

The timer comes with a set of wires already attached. No additional wires are required.

Step 1. Mount the SSAC timer (Model TSB232*) on to the back wall of the control box using a 1 inch long sheet metal screw. The screw that is provided in the package is not self drilling so you will need to drill a small 0.125 inch (3 mm) pilot hold first.

Step 2. Remove all three wires (RED, BLUE, and YELLOW) from the existing ICM timer (Model ICM175).

Step 3. Connect the BLUE and YELLOW wires from the SSAC timer to the corresponding terminals on the ICM timer and reconnect the original BLUE and YELLOW wires to the original terminals. Terminal 2 goes to terminal 2 (BLUE) and terminal 3 goes to terminal 3 (YELLOW).



Step 4. Connect the original RED wire which was on the ICM terminal 1 to the SSAC terminal 1. Then connect the RED wire on the SSAC terminal 6 to the ICM terminal 1.

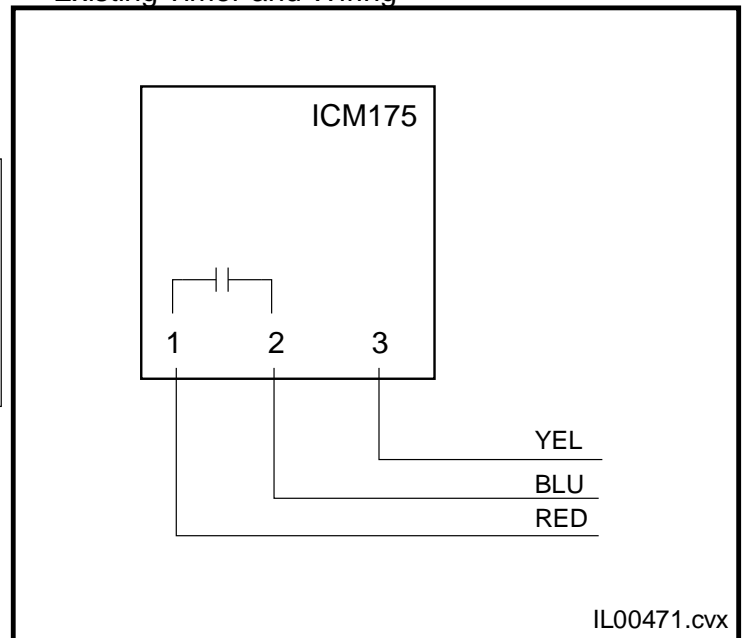
Step 5. Set the timers. The SSAC timer should be set for 3-5 seconds. The ICM timer should be set for 10 seconds (which is the minimum setting).

* Kit may be supplied with model TSB231, 0.05...3sec timer instead.

Parts List

P/N	DESCRIPTION
A01359-001	Timer, Delay-on-Break, 0.5...60sec
A00234-024	Wire Assy, Red
A00234-051	Wire Assy, Blue
A00234-043	Wire Assy, Yellow
A00838-001	Connector, Double-spade, #TWA

Existing Timer and Wiring



Wiring Diagram for Delay-on-Break Timer

