

SDIAQ1040

IAQ FAN CYCLE TIMER

The IAQ1040 Fan Cycle Timer accurately cycles HVAC evaporator and furnace fans through low voltage thermostat connections. During "in between" seasons, when there is no call for heating and cooling, this can help maximize the performance of Indoor Air Quality (IAQ) accessories that may be connected to the system.

- Intermittently operates fan or blower with selectable air circulation times of 10, 20, 30, or 40 min "ON" time per hour when there is no call for heating or cooling.
- Provides a delay function when AC shuts off to prevent excess moisture circulation.
- Ideal for systems with thermostats that do not have an intermittent fan cycle.

FEATURES:

- Button selection for "Fan ON" cycle time in increments of 10, 20, 30, or 40 minutes per hour.
- Monitors the "Fan On" green wire from the thermostat and runs the selected On/Off cycle as long as the thermostat doesn't call for heat/cool.
- LEDs indicate when a fan is running or in off-cycle.
- Provides a delay function when AC shuts off to prevent bringing excessive moisture from water condensation on the AC coil to the room.

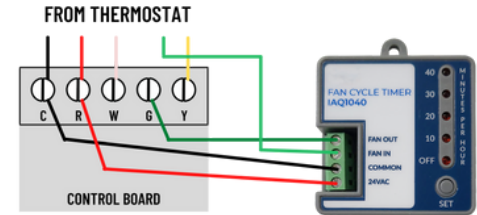
SPECIFICATIONS:

Voltage: 18 to 30 VAC | Current: 5 Amps AC | Dimensions: 2.2" x 2.2" x 1"

INSTALLATION INSTRUCTIONS:

1. WARNING - Disconnect power before servicing equipment.
2. Open the AC or Furnace.
3. Mount the SDIAQ1040 timer in an easily accessible location.
4. Attach red and black wires as shown in the diagram below, to power the SDIAQ1040
5. Disconnect the FAN (green) wire from the control board and connect it to the FAN IN terminal of the SDIAQ1040.
6. Connect a green wire from the FAN OUT terminal of the SDIAQ1040 to the control board where the green wire was connected.
7. Close AC or Furnace panel.
8. Set the Thermostat fan mode to AUTO.
9. Reconnect main power to the AC or Furnace.
10. Press the SET button on the SDIAQ1040 repeatedly for desired fan on time. The fan will turn on after the time has been set and the LED will be solid. A blinking LED indicates Fan is in OFF cycle mode.

SDIAQ1040 WIRING:



WARNING: This product can expose you to chemicals including lead and lead compounds, which are known to the state of California to cause Cancer and Reproductive Harm. For more information, go to www.P65Warnings.ca.gov