

INSTALLATION INSTRUCTIONS

6918A5011 BLOWER TIME DELAY PACKAGE

IMPORTANT NOTICE

These instructions are for the use of qualified individuals, specially trained and experienced in the installation of this type equipment and related system components.

Installation and service personnel are required by some states to be licensed. **Persons not qualified shall not attempt to install this equipment nor interpret these instructions.**

WARNING

IMPROPER INSTALLATION OR SERVICE MAY DAMAGE EQUIPMENT, CAN CREATE A HAZARD OF ASPHYXIATION AND WILL VOID THE WARRANTY.

NOTE

The words "Shall" or "Must" indicate a requirement which is essential to satisfactory and safe product performance.

The words "Should" or "May" indicate a recommendation or advice which is not essential and not required but which may be useful or helpful.

CONTENTS OF PACKAGE

One 1460-502 Time Delay
Four #6 x 3/4" Sheet Metal Screws
Five wire assemblies
Installation Instructions

APPLICATION

This time delay kit is to be used in conjunction with the blower relay supplied as a part of the air handling system. The time delay is factory set and allows blower to run 18 seconds after the cooling thermostat has been satisfied. Running the blower in this manner provides additional cooling which normally is lost during the off-cycle and thus increases system efficiencies.

MOUNTING OF DELAY



WARNING

**TURN OFF POWER TO FURNACE.
DO NOT ATTEMPT TO INSTALL THIS ACCESSORY WITH POWER ON AT THE FURNACE.
TO DO SO INCREASES THE CHANCE OF FIRE AND/OR ELECTRIC SHOCK.**

NOTE

The time delay should be mounted in an area on the furnace that does not subject it to extreme temperatures or any high voltage wiring.

1. Chose location of time delay and mark drill location for 4 mounting screws.
2. Center punch drill location.
3. Drill four (4) .106" Dia. holes and mount time delay with screws provided in this package.

WIRING

Refer to Figure 1 for wiring diagram.

1. Attach the end of the 4" long red wire assembly which has the "piggy-back" terminal to delay terminal **R**. Attach the other end of this wire to delay terminal **COM**.
2. Attach one of the other green wire assemblies to delay terminal **N.O.**
Wire-nut the other end of this wire to the wire (or terminal block) on the furnace (normally green) going to the hot side of the blower relay.
3. Attach the red wire assembly to delay terminal **R**.
Wire-nut the other end of this wire to the wire (or terminal) supplying the hot side of the transformer to the wall thermostat, normally red, or labeled "R".

4. Attach the blue wire assembly to delay terminal **C**. Wire—nut the other end of this wire to the wire (or terminal) supplying the common side of the transformer to the contactor (normally blue or black, sometimes labeled "c" or "x").

5. Attach the remaining green wire assembly to delay terminal **G**. Wire—nut the other end of this wire to the thermostat wire coming from the wall thermostat terminal **G**.

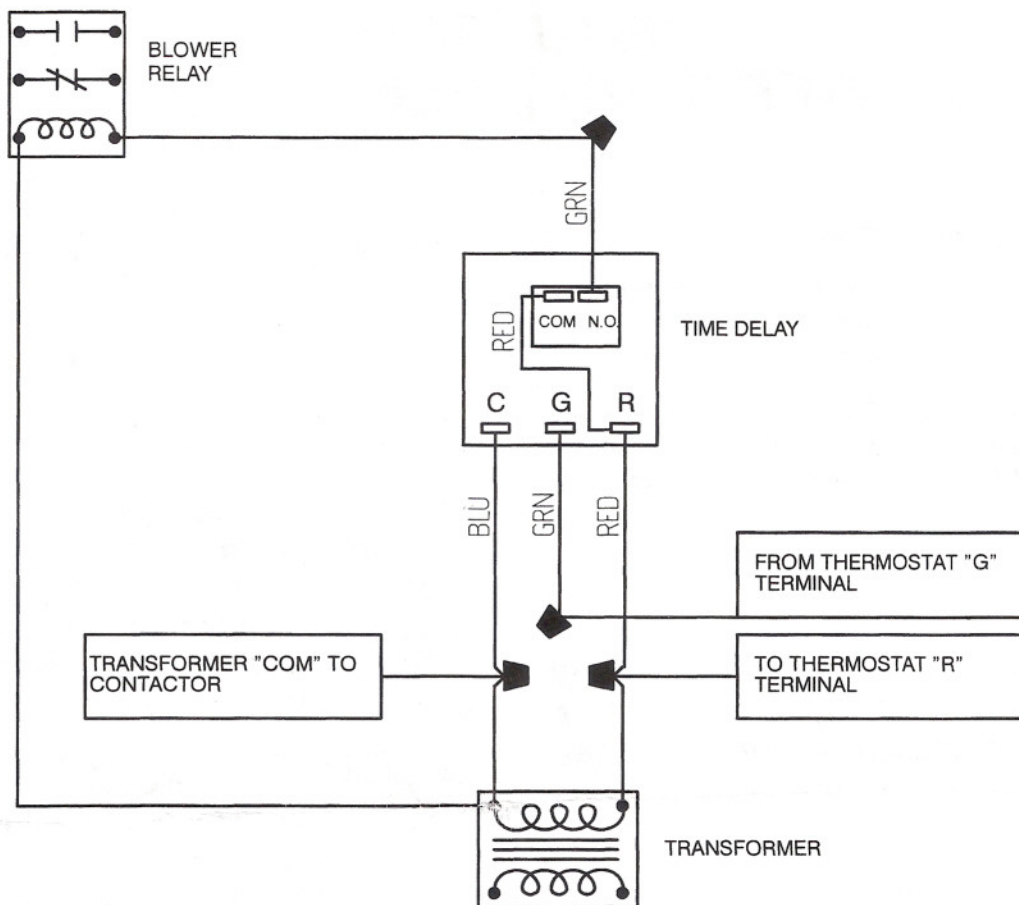


FIGURE 1 – WIRING DIAGRAM