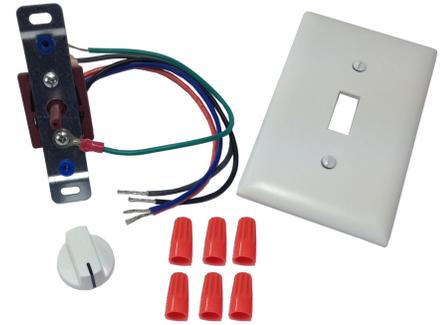




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Model AS2SW3 3 Speed Switch



The AS2SW3 is a 3 speed switch for use with the AireShare™ Model AS2.

WARNING

Disconnect power before wiring the AS2SW3 to the AS2. The AS2SW3 must be installed by a qualified installer (an individual properly licensed and/or trained) in accordance with all local codes or, in accordance with the National Electrical Code (NFPA 70). Failure to install, maintain and/or operate the AS2SW3 in accordance with manufacturer's instructions may result in conditions which can produce bodily injury and property damage.

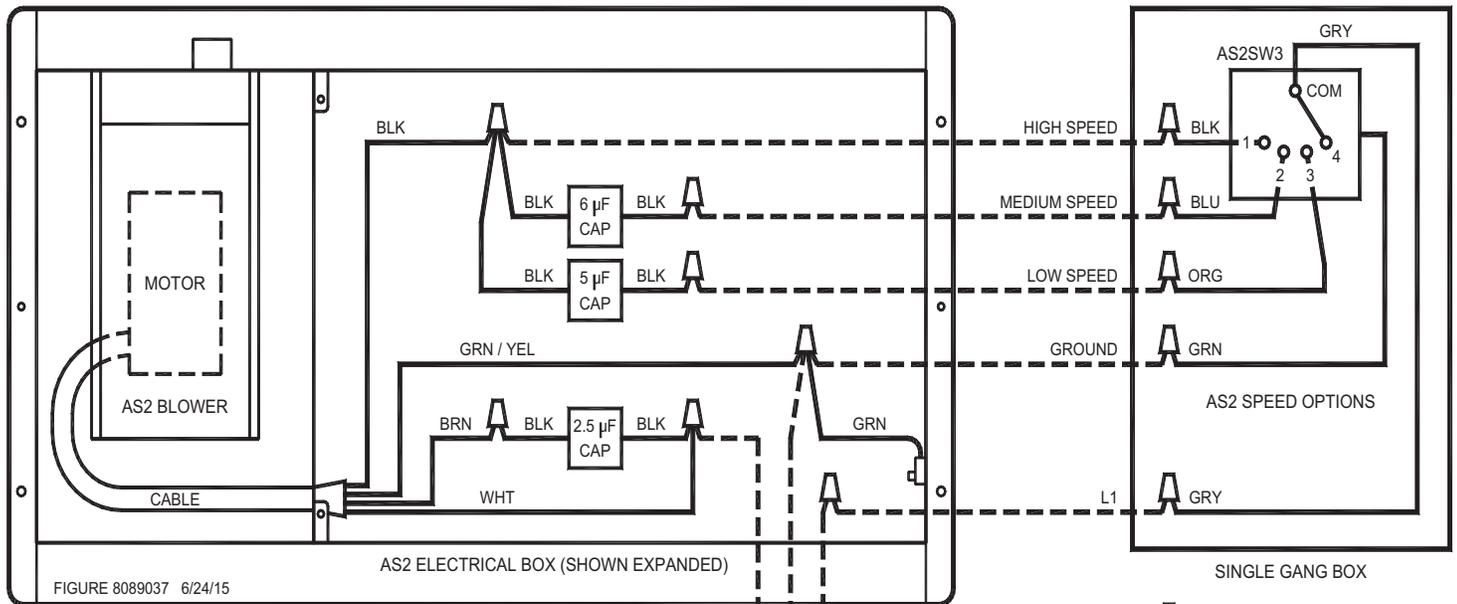
WIRING INSTRUCTIONS AND DIAGRAMS

WARNING

If the Aireshare has previously been installed, disrupt power at circuit breaker and confirm power is off before wiring in the AS2SW3.

Remove the Aireshare intake grille. Locate and remove the electrical box cover. Pull wiring connection points out of the electrical box. Determine which leads are the L1, N and ground power leads and which leads are the blower motor leads. Remove the wire nuts and wire the AS2SW3 Switch as shown below. Capacitors should be wired as shown below for speeds to switch in order. If also using the FC24 Fan Center with a dedicated thermostat for the AS2, follow diagrams on pages 2 and 3.

AS2SW3 WIRING WITH AIRESHARE MODEL AS2



NOTE: A 2.5 μ F CAPACITOR IS ALWAYS USED ON THE 120 VAC "N" LEAD, AND IS WIRED BETWEEN THE WHITE AND BROWN LEADS OF THE MOTOR.

N
L1
120 VAC, 60 Hz

= FIELD WIRE

▲
= SUPPLIED WIRE NUTS

AS2SW3 WIRING WITH AIRESHARE MODEL AS2 & FC24 FAN CENTER

The FC24 24 volt Fan Center allows a dedicated 24 volt thermostat to be wired with an AireShare™. The diagram at bottom of page shows how to wire the AS2 with the AS2SW3 and FC24. Wire capacitors as shown in diagram below for speeds to switch in order. The diagram on page 3 shows how to wire the FC24 with the dedicated wall T-Stat.

WARNING

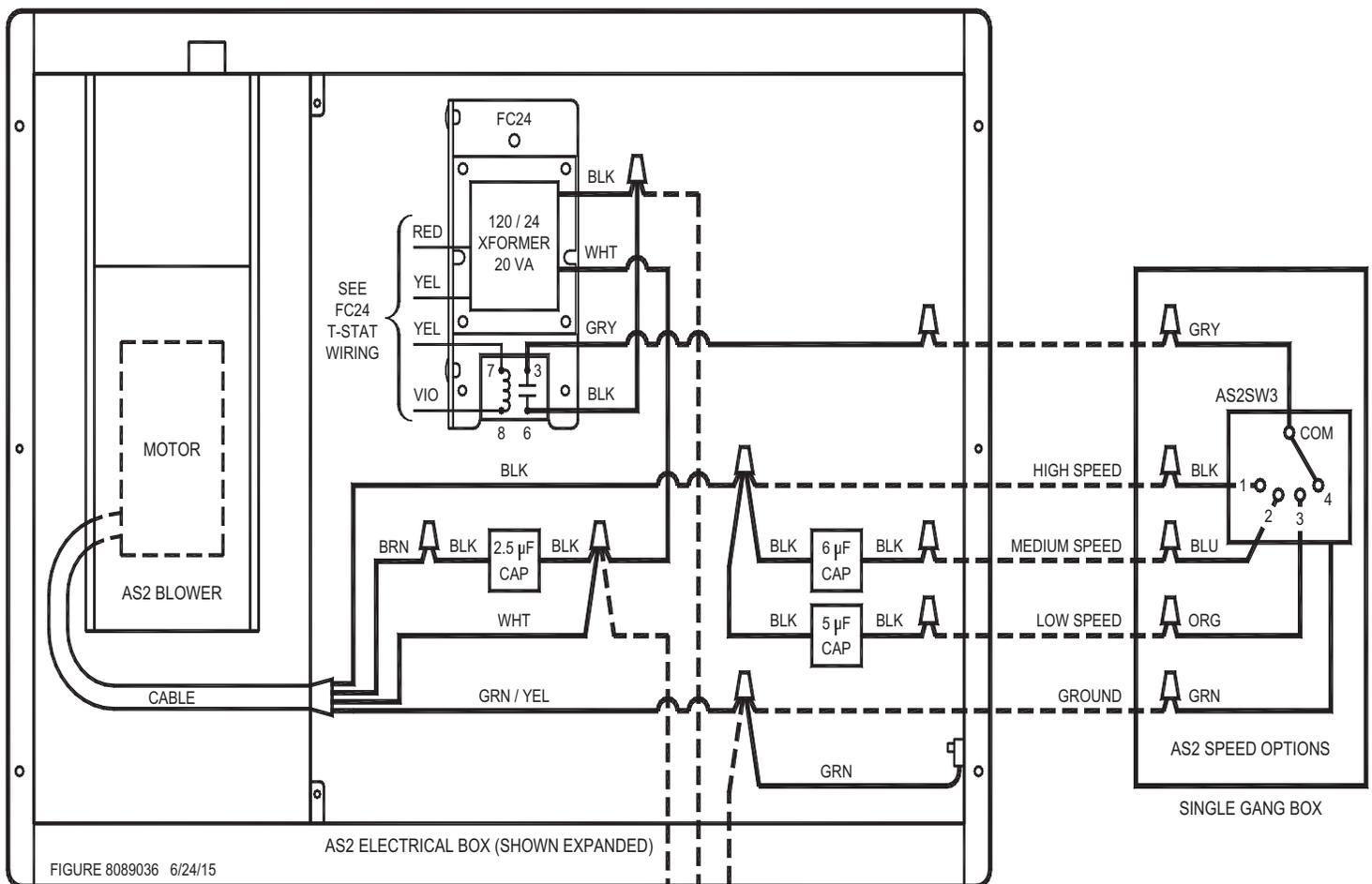
If the Aireshare has previously been installed, disrupt power at circuit breaker and confirm power is off before wiring in the AS2SW3 & FC24.

Remove the Aireshare intake grille. Locate and remove the electrical box cover. Pull wiring connection points out of the electrical box. Determine which leads are the L1, N and ground power leads and which leads are the blower motor leads. Remove the wire nuts and wire the FC24 and AS2SW3 as shown in diagram below. Wire the FC24 to dedicated thermostat as shown in the FC24 Thermostat Wiring Diagram on page 3.

IMPORTANT: Locate the Thermostat in the room that is being supplied air from the Aireshare. Locate and position the Thermostat and Thermostat wiring as described by the Thermostat manufacturer. Once all wiring is complete, insert the FC24 inside the Aireshare electrical box. Insert all electrical leads into the electrical box and replace the electrical box cover & screws. Replace Aireshare intake grille.

NOTE: To have all T-Stat modes "Cool", "Heat", "Fan" and "Off" able to operate the AireShare on most Thermostats, it may be necessary to install a jumper from "W", "Y" and "G" at the thermostat base. Consult the Thermostat manufacturer instructions and / or technical help center before installing jumpers.

AS2SW3 WIRING WITH AIRESHARE MODEL AS2 & FC24 FAN CENTER



NOTE: A 2.5 µF CAPACITOR IS ALWAYS USED ON THE 120 VAC "N" LEAD, AND IS WIRED BETWEEN THE WHITE AND BROWN LEADS OF THE MOTOR.

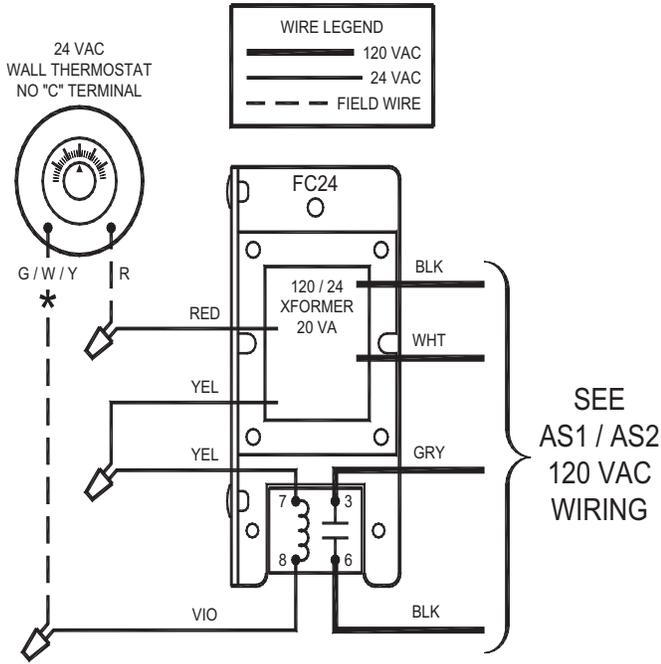


--- = FIELD WIRE

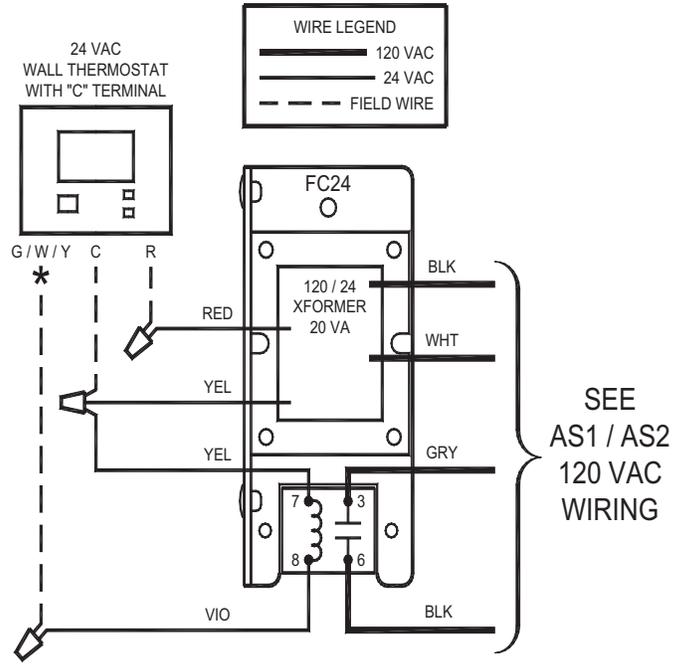
= SUPPLIED WIRE NUTS

FC24 WIRING WITH DEDICATED THERMOSTAT

24 VAC WALL T-STAT WITH NO "C" TERMINAL



24 VAC WALL T-STAT WITH "C" TERMINAL



- * (FAN ON) G = FAN RUNS CONSTANTLY.
- (HEAT) W = FAN RUNS ON TEMPERATURE FALL.
- (COOL) Y = FAN RUNS ON TEMPERATURE RISE.

TJERNLUND LIMITED 1 YEAR WARRANTY

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