



# Cleveland Controls

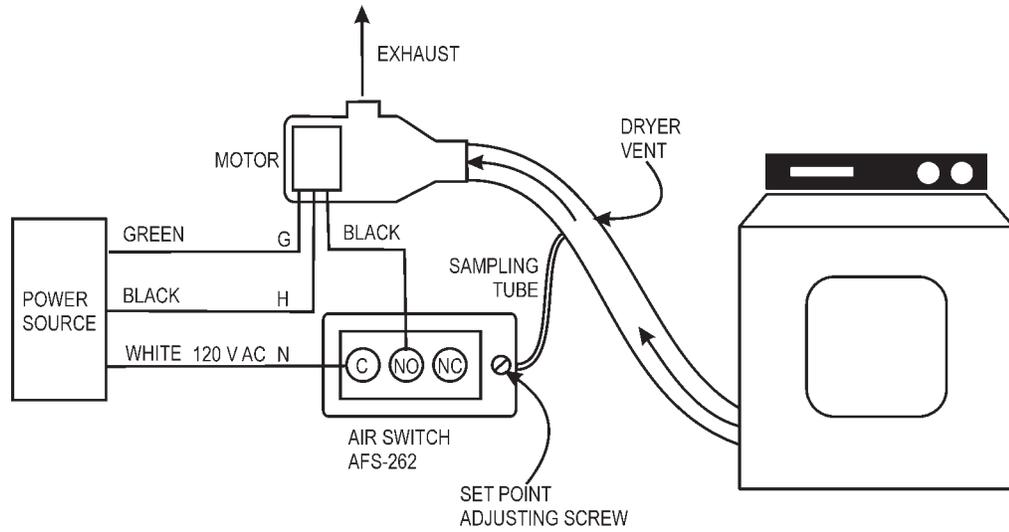
Division of UniControl Inc.

# AFS-262 Installation

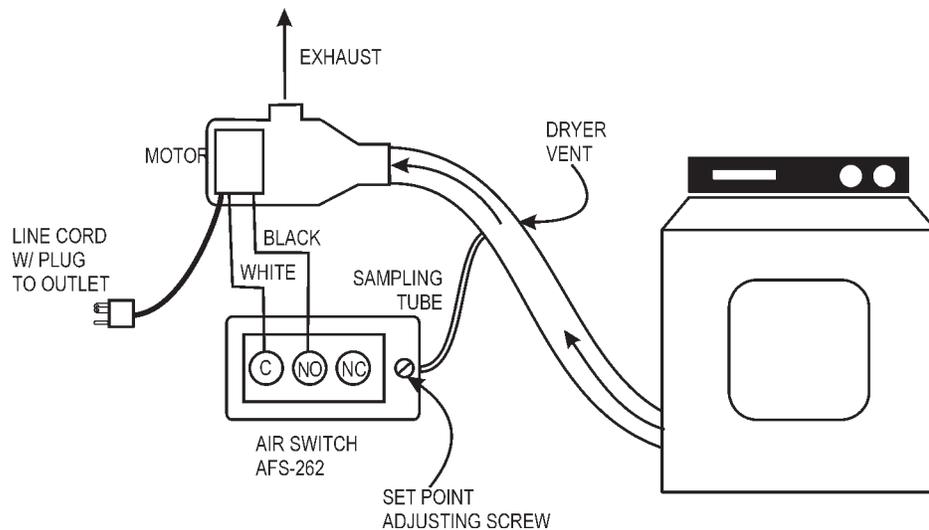
## Air Pressure Sensing Switch with Auxiliary Blower

Figure 1: Typical Application Set Up.

### MODEL 9450 INSTALLATION



### MODEL 9460 INSTALLATION



This bulletin is intended to be used only as a guide to installation. If you require in-depth assistance, please consult an electrician or installation contractor.



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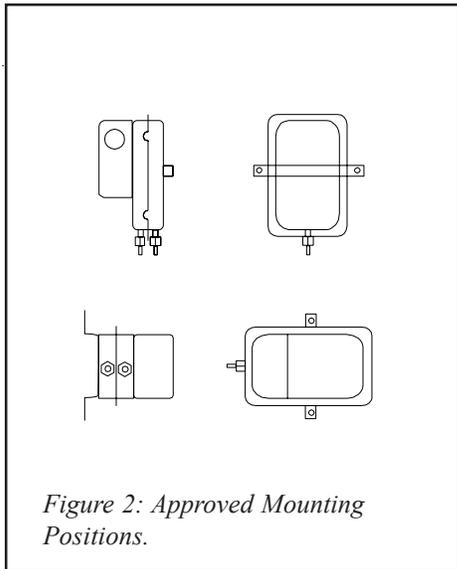


Figure 2: Approved Mounting Positions.

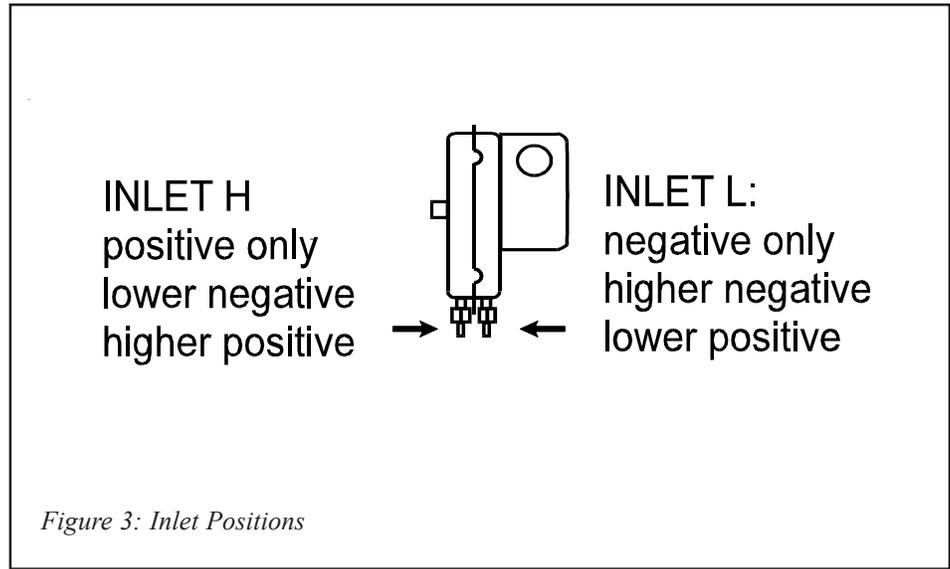


Figure 3: Inlet Positions

## Instructions

1. Make a small hole in the vent pipe to allow the insertion of the probe for the air flow switch. This hole should be located in a straight run of the vent pipe. Do not make the hole close to any sharp bends or elbows where the air flow is turbulent.
2. Insert the tip of the probe so that it is perpendicular to the air flow within the vent pipe, as close to the center of the airstream as possible. Three feet of tubing is provided: trim excess length to prevent kinking or crimping of the tubing. Use a six-foot length of 1/4" OD hardwall tubing if dryer jet is located 10 feet or more from the dryer. If

- installing Model #9460, proceed to Step 6. If installing model #9450, complete steps 3, 4, and 5.
3. Mount the air flow switch in a convenient location, free from vibration. The switch must be mounted vertically, with the sample line connections facing either to the side or down. See Figure 2.
4. Use tubing to connect the probe to the "H" side of the air flow switch. Refer to Figure 3 to identify the "H" side of the switch. Refer to Bulletin AFS262.05 for additional information on tubing.
5. Remove the cover from the air switch and connect the wiring as shown in Figure 1. Locate the "common" and "normally

- open" terminals of the air switch. Be sure to follow all applicable codes when wiring or consult your local electrician.
6. Locate the set point adjusting screw (marked "INC") on the air switch. Turn the screw in the direction of the arrow (clockwise) approximately 10 turns. Turn on the dryer, making sure the lint vent is clean. Slowly turn the adjusting screw **counter-clockwise** until the auxiliary blower motor comes on. Next, shut the dryer off and see if the auxiliary blower motor shuts off as well. If it does not shut off after a moment, turn the adjusting screw clockwise until the auxiliary blower motor shuts off after the dryer shuts off. Be sure to check the operation of the entire system.
7. Replace the cover of the air flow switch and tighten the screws. The air flow switch is now ready to control the dryer jet.