

AIRFLOW PRESSURE SWITCH INSTALLATION INSTRUCTIONS

1. Mount the airflow switch on a flat surface ideally in a clean dry environment, but can be mounted externally. Mount the switch in vertical plane so that the nozzles are pointing down (as shown in fig.1).
2. Remove plastic cover from P2 - nozzle of airflow switch, both P1 + and P2 - are now open to atmosphere.
3. Mount nozzle in duct where positive air pressure is to be monitored, and well away from the fan to prevent turbulence (as shown in fig.2).
4. Connect the plastic tube between the nozzle and P2 - nozzle of the airflow switch. Please note this is because air flowing across the nozzle will suck air from the nozzle as a pitot tube.
5. Using a meter check the continuity between terminals 1 and 3 of the airflow switch with no airflow in the duct.
6. Turn the fan on and measure between terminals 1 and 3 of the airflow switch, adjust the switch until continuity is broken. if no switching action is obtained, try repositioning the nozzle to a position where a higher pressure is in the duct, and check the tube is not kinked. Avoid areas where turbulence may occur, ensure the nozzle is at a right angle to the airflow.
7. With the fan still on, check continuity between terminals 2 and 3 of airflow switch.
8. Turn off the fan and measure between terminals 2 and 3, there should be no continuity.
9. If unable to obtain a proper switch operation it may be necessary to fit a nozzle to the negative side of the duct as well, in which case P1 + connects to the fan outlet and P2 - to the fan inlet (as in fig.3).
10. To wire up switch for continuity when airflow is proven, use terminals 2 and 3.
11. Replace cover on airflow switch and use appropriate safety labels if mains voltage is switched.

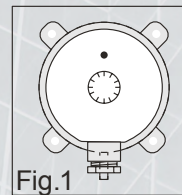


Fig.1

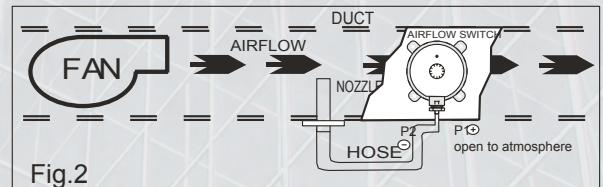


Fig.2

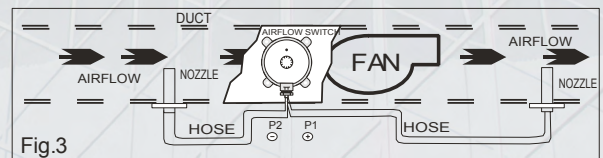


Fig.3

N.B. MAXIMUM VOLTAGE 250 VAC MAXIMUM CURRENT 1.5 A RESISTIVE

WARNING: SWITCH OFF POWER BEFORE REMOVING PLASTIC COVER.

The information provided in the literature is believed to be accurate (subject to change without notice), however, use of such information shall be entirely at user's own risk.

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