



## Airflow Switch Set Up Procedures

This section provides the proper procedure for set up of the air flow switch used as the safety for the flame guard device on the air makeup. This procedure is done after air throughput and air handling settings and adjustments have been completed. These procedures are the manufacturers recommended procedure and shall not be omitted from the start up of a Mercury/Spray-Tech/Junair heated air makeup.

### Necessary Tools:

- Flat head screw driver to make adjustments.

Once the air throughput adjustments have been completed the setting of the airflow switch will be necessary to assure proper operation of the burner. The airflow switch is a failsafe safety to prevent the burner from coming on without air flow. This device is to never be bypassed and left as the possibility of creating a fire will occur. In the event that this device fails, it must be replaced with an identical or equivalent switch operating in the same pressure range.

The first step to making this adjustment is to set the temperature on the control panel high enough to start the burner while the makeup is running, so that the control circuit will send voltage to the air flow switch. If the switch is set too high the filter light will come on, at the control panel.(Figure 1)



Figure 1: Intake Filter Light On