

PRODUCTS APPLIED FOR AIR HANDLER APPLICATION



DIRTY FILTER ALARM

A differential pressure monitor of the pressure loss across the filter.

- Products used: ADPS Pressure Switch.

FAN VALIDATION

Proving a fan is operating can be done in several ways:

1. Monitor the differential pressure between upstream and downstream of the fan.
 - Products used: ADPS Pressure Switch.
2. Monitor the air flow or velocity exiting the fan.
 - Products used: DH, DHII, DH3, MS or 641 transmitter.
3. Monitor the current usage of the fan.
 - Products used: CS Current Switch.



DUCT STATIC PRESSURE

A pressure transmitter is used with a static pressure tip to monitor discharge air and mixing air duct static pressure.

- Products used: MS Pressure Transmitter with A-302 Static Pressure Tip.



DUCT HUMIDITY SENSOR

A humidity transmitter is inserted into the duct to monitor the zone discharge humidity.

- Products used: RHU-D Humidity Transmitter.



DUCT HUMIDITY/TEMPERATURE SENSOR

A dual humidity and temperature transmitter is inserted into the duct to monitor the exhaust air humidity and temperature.

- Products used: RHT-D Humidity/Temperature Transmitter.

DUCT TEMPERATURE SENSOR

A temperature sensor is inserted into the duct to monitor the supply air, mix air, and exhaust air temperature.

- Products used: I-2 RTD Temperature Sensor, AVG Averaging Temperature Sensor.



FROZEN COIL ALARM

A differential pressure monitor of the pressure loss across the coils in the duct can indicate frozen coils.

- Products used: ADPS Pressure Switch.