SENSORS IMPACT PERFORMANCE

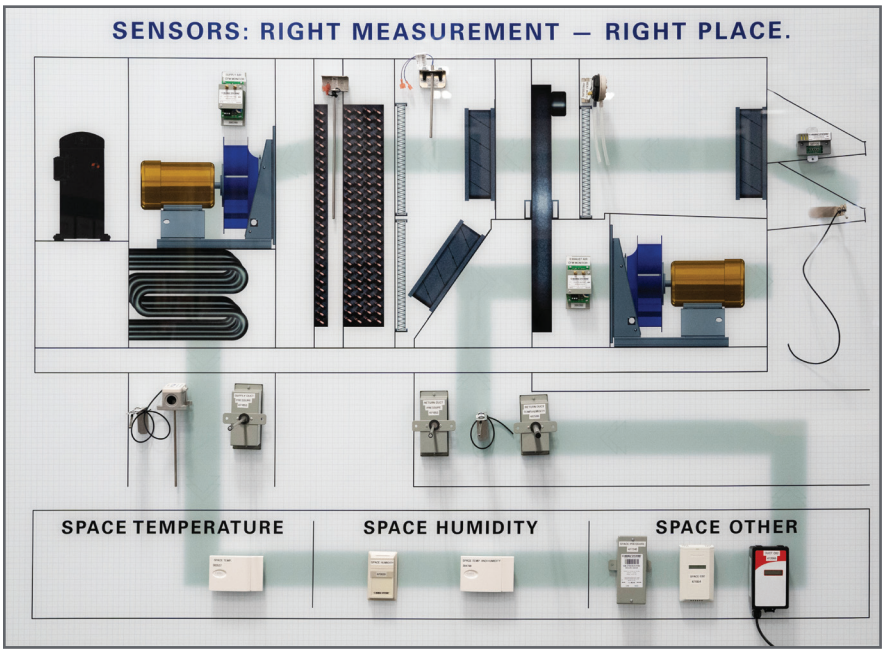
RIGHT MEASUREMENT, RIGHT PLACE

Achieving optimal performance of an air handler is dependent on many factors, from a strong mechanical design to well-programmed control sequences. Many times, the value of sensors is not considered when selecting the best equipment. However, getting accurate measurements from the right location impacts both performance and efficiency.

GOING BEYOND THE STANDARD FOR BETTER PERFORMANCE

While many sensors are simply required to operate the unit, others can be added to improve performance. Valent chooses to include key sensors that others don't provide to ensure reliable, accurate and efficient performance.

- **Cooling coil leaving air temperature sensor** ensures optimal dehumidification performance.
- **Fan airflow sensor** affordably confirms that specified airflow matches delivered airflow without the complexity of damper airflow monitoring stations.
- **Differential pressure switches** across all filter banks allow the unit to continue to operate while still warning the operator of the need for maintenance.
- **Energy recovery wheel rotation sensor** indicates when this key component is not delivering expected energy reduction.

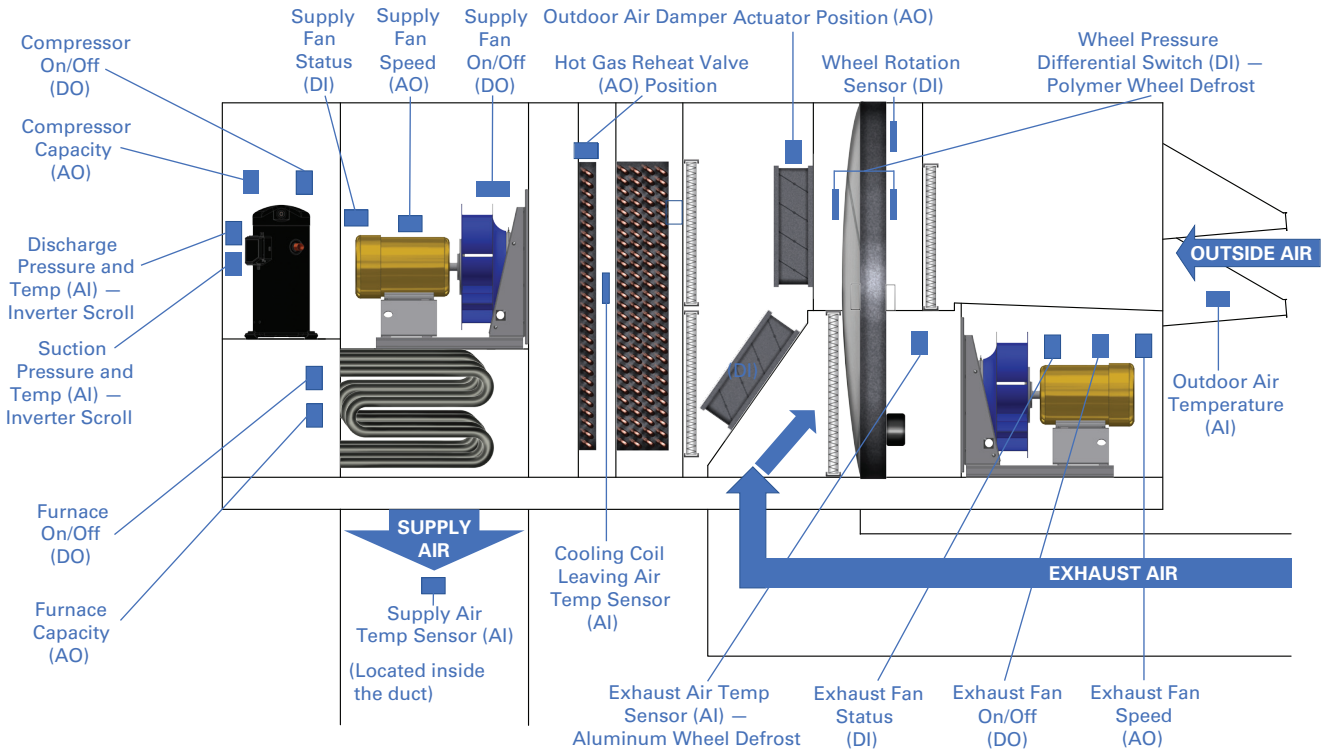


VALENT FACTORY INSTALLED DEVICES

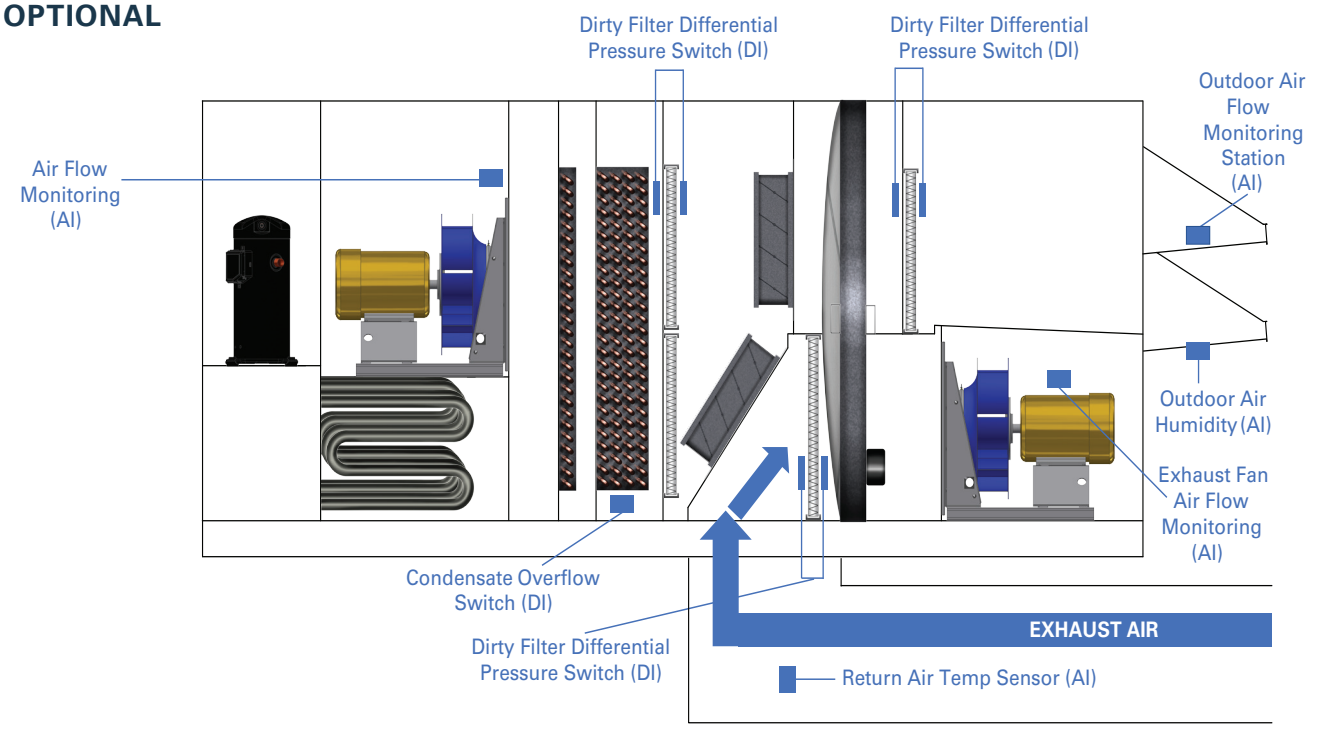
GUIDE

AI: Analog Input
DI: Digital Input
AO: Analog Output
DO: Digital Output

STANDARD



OPTIONAL



WHICH SENSORS NEED TO BE INSTALLED IN THE FIELD?

SPACE TEMPERATURE* 	SPACE TEMP/RH 	SPACE CO^2* 
SPACE PRESSURE* 	SPACE SMOKE 	SUPPY AIR TEMPERATURE 

*May also be mounted in return duct. Sensor type may vary.

LEARN MORE ABOUT VALENT

- Visit valentair.com.
- Read more about Valent's sensors.
- Contact your Valent Representative.