PRICE CO_2/RH LCD THERMOSTAT OFFERING

Sampling CO_2 levels in buildings is one way to ensure fresh air is constantly being supplied to a space. Selecting a **Price CO_2/RH Thermostat** with a Price VAV Terminal or Diffuser can help maintain an optimal level of CO_2, while monitoring the relative humidity.

With its plug and play cable and easy to configuration menus, the CO_2/RH thermostat is quick to install and setup for the installing contractor.

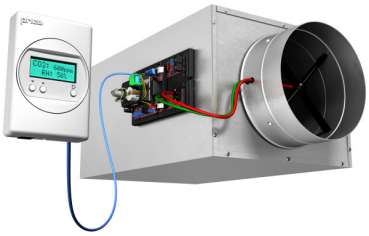
Features

Price CO_2/RH thermostats are designed to control CO_2 levels in spaces with its built in NDIR sensor, monitor relative humidity levels, and control space temperature. With its temperature control and CO_2 control functionality, this thermostat is designed to meet the comfort and safety requirements of a space.

Benefits

As ventilation requirements increase in buildings, placing CO_2/RH thermostats in high occupancy areas can provide a cleaner, safer working environment by introducing conditioned fresh air into the space.

VAV Terminal Unit



Temperature Control

In normal operation, the CO_2/RH thermostat will control the temperature in the space with its built-in 10kOhm thermistor and modulate the VAV damper to achieve the room setpoint.

The Price CO_2/RH thermostat can control temperature, CO_2, monitor relative humidity and function as balancing thermostat, all in one! This makes this thermostat versatile and easy to operate for end users.

CO_2 Purge Mode

If at any time CO_2 levels exceed the user-defined maximum setpoint, the CO_2/RH thermostat will enter a “purge” mode and open the VAV damper to provide fresh air from the air handler or rooftop unit. Temperature control will resume once CO_2 levels return to the nominal operating range.

Controlling CO_2 levels in designated areas will optimize the indoor air quality and ensure conditioned air is being supplied.

VAV Diffuser

CO_2 and relative humidity levels can be reported back to a Price WEB Server Front-End System over BACnet if required. **NOTE:** BACnet is not required for standard operation.

Reporting these values back to a building front-end system can assist in the ventilation and air change rate strategies for the building.