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Titus Alpha Controller User Guide

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Titus Alpha Controller

Product Information Alpha Controller

The Alpha Controller is a BACnet Variable Air Volume (VAV) controller designed for stand-alone applications or integration with BACnet building management systems. It is an ideal solution for upgrading pneumatic or analog controls to a new digital system. The controller is easy to commission and comes with software and training from Titus. The Alpha Controller is available in three different models for single duct cooling only, single duct with heat & fan powered applications, and dual duct mixing & non-mixing. It also offers digital display options without an occupancy sensor.

Product Usage Instructions

1. Install the Alpha Controller according to the installation instructions provided by Titus.
2. Connect the Alpha Controller to the HVAC system.
3. Configure the Alpha Controller using the included software and training materials from Titus.
4. Set up the controller for your specific application, whether it is cooling only, heating and fan-powered, or dual duct mixing or non-mixing.
5. Select sensor options based on your needs.
6. Monitor and adjust the Alpha Controller as needed to maintain optimal comfort and efficiency levels.

Titus leads the pack with the Alpha controller

The Alpha Controller, the premier BACnet VAV controller in the industry, can operate in stand-alone applications or in BACnet building management systems. The Alpha controller is the ideal controller to upgrade pneumatic or analog controls to a new digital solution. The controller commissioning is simple and the software and training is available from Titus.

- Alpha controller is flexible & can be used in both stand-alone and network applications.
- The Alpha is preconfigured at the factory, which saves time and money during installation.
- The Alpha is easier to commission through a thermostat and does not require software at the jobsite.
- The Alpha's extremely reliable one-piece design enjoys the advantage of an integrated controller, sensor, actuator, & communication. This reduces the common failures seen with typical "add-on" style designs of

multiple connected components

Titus Alpha Controls Family

SINGLE DUCT COOLING ONLY

- Configurable at thermostat no software req.
- Balancing at thermostat

SINGLE DUCT WITH HEAT & FAN POWERED APPLICATIONS

- Modulating, time proportional, up to 3 stages of electric heat.
- Control local lighting with motion sensing.
- Fan controls (PSC & ECM motors).

DUAL DUCT MIXING & NON-MIXING

- Supplied with controller on cold or (primary) duct and actuator on heat/fresh air (secondary) duct.
- Monitor CO2 to control indoor air quality.
- Control local lighting with motion sensing.

Sensor Options

DIAL SENSOR

- Compact, stylish economical.
- Setpoint adjustment only.

DIGITAL DISPLAY

- Commissioning capability (cfms, unit type).
- No software required.
- Password capable

DIGITAL DISPLAY W/OCCUPANCY SENSOR

- Commissioning capability (cfms, unit type).
- No software required.
- Password capable.
- Occupancy sensing (motion).

Redefine your comfort zone. ™ | **www.titus-hvac.com**

Documents / Resources

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Alpha Controller

References

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