



Red5 EDGE VAV T1L

Next-Generation VAV Control with Ethernet/IP over single, twisted pair cabling

The Red5 EDGE VAV T1L is Delta Controls' next-generation VAV controller designed to modernize building systems through high-performance IP connectivity over **existing wiring**. Built on 10BASE-T1L single-pair Ethernet, it delivers IP-level communication while eliminating the need for costly network upgrades.

Purpose-built for retrofit and new construction applications, the Red5 EDGE VAV T1L integrates control, airflow measurement, and actuation into a single compact device. With native BACnet support, built-in Guideline 36 sequences, and flexible expansion options, it provides a future-ready platform for high-performance airside control.

Modern networking. Existing Infrastructure. Simplified installation. Designed for the next generation of VAV systems.



Key Features

- Native BACnet Control**
 BACnet Building Controller with full GCL+ programmability, allowing flexible application programming and seamless system integration.
- Precision Airflow Measurement**
 Includes built-in, editable ASHRAE Guideline 36 sequences to support high-performance, energy-efficient VAV operation.
- Simplified Commissioning**
 Zero-drift differential pressure sensing ensures long-term accuracy and reliable airflow control without recalibration.