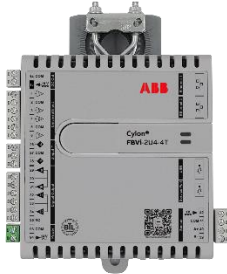


---

## FBVi-2U4-4T

### IoT Technology that Redefines Building Automation & Controls



**FLXEON** BACnet®/IP automation control solutions deliver powerful control, connectivity, and visualization for intelligent buildings.

Scalable and modular FLXeon is ideal for central plant and mechanical equipment applications and offers built in security features using Transport Layer Security.

The FBVi-2U4-4T is a freely programmable BACnet® Unitary Controller with native BACnet/IP communications support. The controller is BTL listed as BACnet Building Controller (B-BC) and is ideally suited for the control of Variable Air Volume zoning applications.

This controller also supports demand ventilation application, occupancy sensing or lighting control to further enhance energy savings. Typical VAV zoning applications include;

- Cooling only
- Cooling with Reheat
- Cooling with Reheat and Perimeter Radiation
- Series fan VAV
- Parallel fan VAV
- Dump box
- Room pressurization

Features include;

- 2 UniPuts™
- 4 Universal Inputs
- 4 Digital (Triac) Outputs
- Integrated airflow sensor
- Dedicated input for Cylon® room sensors.
- Includes an integrated Belimo actuator

The controller accommodates available pre-engineered strategies or can be tailored to custom applications using CXpro<sup>HD</sup> programming software.

Benefits of the FBVi-2U4-4T

- Control any variable air volume box application “out of the box”, with pre-loaded, configurable applications
- Belimo actuator featuring a brushless DC motor with integrated position feedback and 45 inch-pounds (5 N-m) of torque
- Data Security: Strategy and setpoints backed up in Flash
- ABB’s patented technology that can be configured as analog / digital outputs or voltage inputs
- Cylon Room Sensor support
- Hardware points are automatically configured by the downloaded strategy

**[More information](#)**