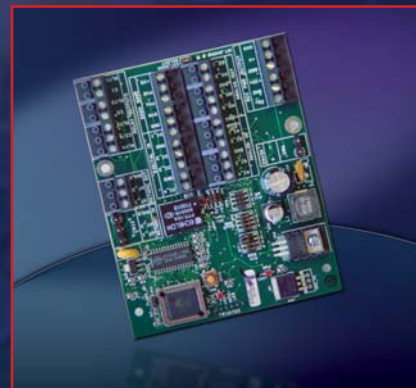


TRIA TEK VAV-1000L



VAV-1000L Features:

- (4) Analog Inputs and Outputs
- (4) Digital Inputs and Outputs
- Stand-alone or LON FTT-10 Free Topology Communications Network Compatible



ACCURATE, OFFSET ZONE PRESSURE CONTROL

The Triatek VAV-1000L quickly and accurately controls airflow in laboratory zones that require pre-determined offsets between supply and exhaust air using proven Triatek control technology that can meet most airflow control requirements.

Exhaust CFM from fume hoods and general exhaust from a laboratory zone are summed by the VAV-1000L to calculate total exhaust CFM which is subtracted from the supply airflow CFM to calculate net airflow for the zone. The VAV-1000L constantly monitors conditions and adjusts airflow by modulating the air valve or damper in order to maintain the desired negative pressure.

Zone temperature can also be controlled using a temperature transmitter.

Applications include:

- Fume hood control
- Exhaust & supply control
- Room pressure control
- Fan control
- Temperature control

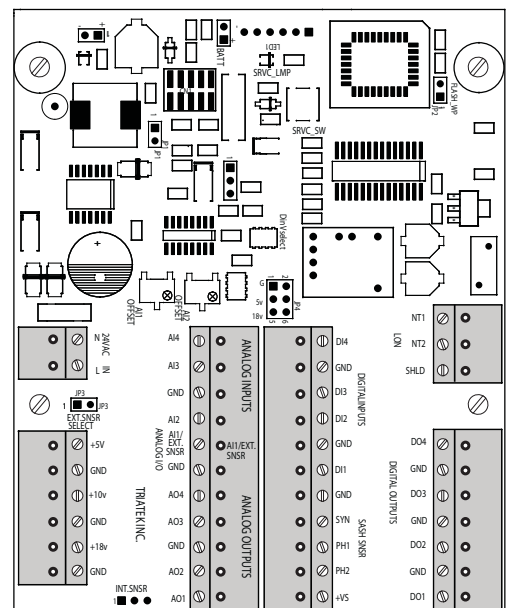
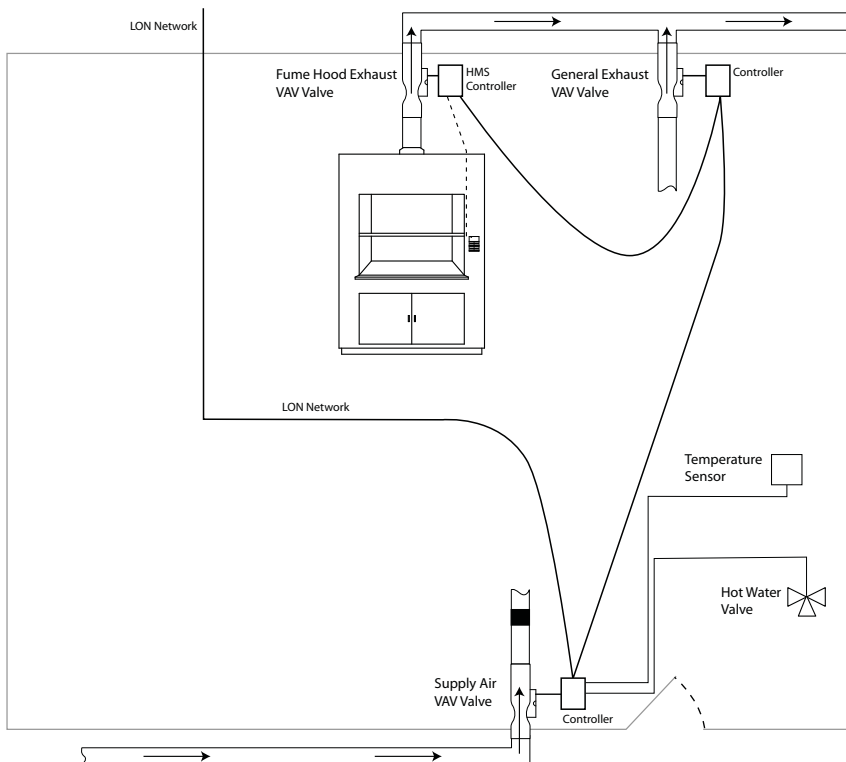
TRIATEK VAV-1000L

SPECIFICATIONS	
ELECTRICAL	
4 Analog Inputs	4-20mA DC, 0-5VDC or 0-10VDC
4 Analog Outputs	0-5VDC or 0-10VDC
4 Digital Inputs	0-5, 30VDC
4 Relay Outputs	1A@24VDC, 1A@24VAC
Input Impedance	10k - 0 Ω
Output Impedance	0 Ω 0 -10k
Control Signal Wire Size	18 AWG Minimum
Power Supply	Class 2 24 VAC/DC ± 10%, 10 VA 24 to 24 VAC, 60 Hz, Isolation Transformer Provided
MECHANICAL	
Controller Dimensions	4"W x 6"H x 2"D
Shipping Weight	Approximately 3.5 lb.
Mounting	Surface / Wall Mount
COMMUNICATION	
LON FTT-10A Free Topology	Two Wire Twisted Pair
Recommended Cable Type	Belden 85102
ENVIRONMENTAL	
Operating Temperature	0° to 140° F or -18° to 60° C
Operating Humidity	95% R.H. Max. Non-Condensing



ETL Listed
Energy Management C
Equipment
Conforms to ANSI/UL916 Intertek

Lab Control Architecture



4487 Park Drive, Suite A-2 • Norcross, GA 30093
Phone: (770) 242-1922 • www.triatek.com