



## SPECIFICATIONS

<b>Model</b>	<b>EXL-01590</b>
<b>Damper Control</b>	<b>2 Modulating 1 Floating Point</b>
<b>Sensor Signal</b>	<b>Thermo Anemometer</b>
<b>Accuracy</b>	<b>± (5% + .2m/s)</b>
<b>Input Voltage</b>	<b>24 V AC/DC</b>
<b>Input Power</b>	<b>10 VA</b>
<b>Output Load Max</b>	<b>1.0 Amps</b>
<b>Digital Outputs</b>	<b>5 Relay - 24 VAC/DC</b>
<b>Analog Outputs</b>	<b>0-10 VDC</b>
<b>Comm. Line</b>	<b>BACnet MS/TP</b>

## PART NUMBER:

**EXL-01590 [Options]**

**Options**  
**OA**

## FEATURES

- Energy Management System ready with BACnet communications
- Electronic Thermo Anemometer AirFlow Measurement Station (AFMS)
- Cubic Feet Per Minute (CFM) setpoint control (optional)
- Easy installation and operation
- Stand-alone operation
- Outside Air Temperature (OAT) measurement (optional)
- Outdoor Air Flow Measurement Station

## BACnet Outside Airflow Measurement Station

### Description:

This BACnet Airflow Measuring Station is designed to measure the airflow with four thermo anemometer sensors that are averaged to determine the Feet Per Minute (FPM) of the air stream, this measurement is then multiplied by the duct width and height to calculate the total CFM.

The duct size and calibration factor are entered into BACnet Analog Value (AV) points.

The sensors measure from 30-4000 FPM standard, other ranges / accuracies are available.

The damper can be controlled to maintain the CFM setpoint using the Analog Output (AO) or floating point with 2 Binary Outputs (BO).

The CFM reading is displayed locally on the controller.

Mounting Brackets may be required.

When ordering quantities greater than 30 customized setpoints and additional sequences are available at additional cost, please request a quote for your application.

Relay isolation allows for independent power supply on controlled equipment.

### Options:

- OA      Outside Air Temperature OAT measurement



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