ENVIRCO
Innovators in clean air technology

PRODUCT DATA SHEET

■ EGW007 MODBUS to BACnet IP & BACnew MS/TP Gateway

ENVIRCO'S EGW007 MODBUS to BACnet IP and MS/TP Gateway provides a single-component solution for integrating Envirco fan filter units into a BACnet system. The product exposes eight key MODBUS registers to a BACnet IP or MS/TP BMS with full read/write support.

With easy setup and automatic discovery of connected MODBUS nodes, the EGW007 will save time and money in your facility or clean-room. The EGW007 can be provided separately or mounted in a NEMA1 panel box with power supply.

The unit is BACnet BTL listed and carries the BACnet BTL mark.

■ Features & Benefits

- Provides simultaneous BACnet IP and MS/TP connectivity to a MODBUS network
- Three different models allowing for connection to 30, 100, or 200 fan filter units
- Automatically discovers connected MODBUS nodes
- Provides full access to eight key MODBUS registers
- Embedded web server for LAN/WAN access
- Autonomous function
- Robust diagnostics

■ Specifications

Network I/O
- Ethernet RJ45 port for BACnet IP and webserver
- RS485 screw terminal port for BACnet MS/TP
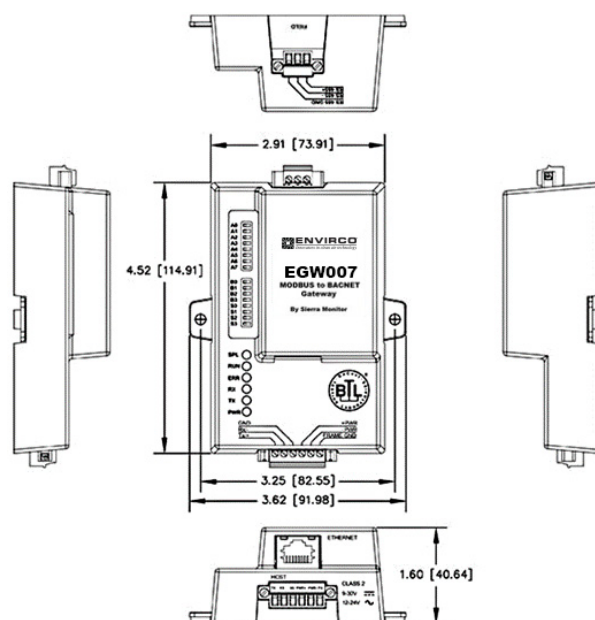- RS485 screw terminal port for MODBUS network

Environment
- Operating Temp: -40 to 75º (-40 to 167ºF)
- Relative Humidity: 5% to 90% RH (non-condensing)

Power Supply
- Input Voltage: 9-30VDC or 12-24VAC
- Max Current Consuption: 240mA

MODBUS Registers
- RUN/STOP
- SETPOINT
- TACH
- SENSOR INPUT 1
- DEFAULT SETPOINT
- DEFAULT RUN/STOP
- SENSOR INPUT 2
- PRODUCT ID

Dimensions
- 4.2 x 2.9 x 1.6" (11.5 x 7.4 x 4cm)

EGW007 ships with RJ45 inline coupler and Cat5e network cable pre-installed for easy & quick connection to ENVIRCO fan filter units.