

Overview

AirCare Automation's ACGW007 MODBUS to BACnet IP and MS/TP Gateway provides a single-component solution for integrating AirCare MODBUS fan motor controllers 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 ACGW007 will save time and money in your facility or clean-room.

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

Main Functions

- Provides BACnet IP or MS/TP connectivity to a MODBUS RTU network.
- Supports up to 30 or 60 MODBUS RTU nodes (fan 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.

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

Specifications

Environment

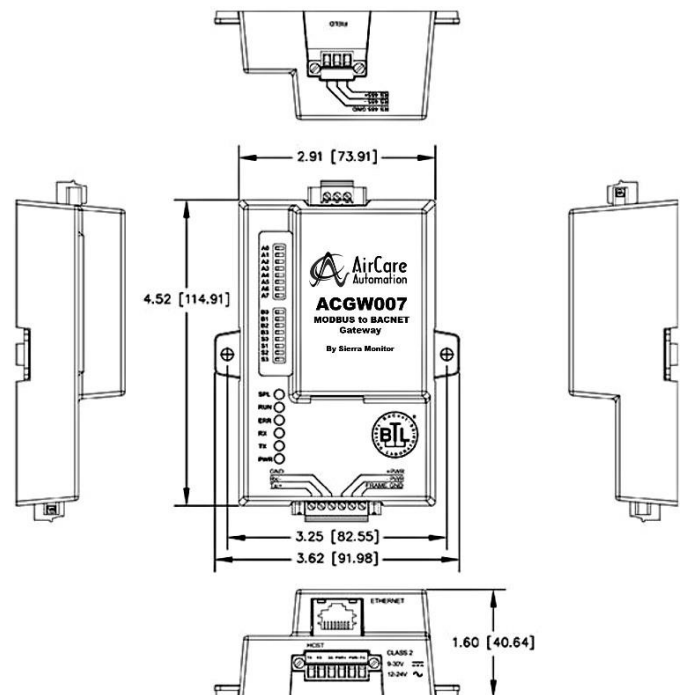
- Operating Temp: -40 to 75°C (-40 to 167°F)
- Relative Humidity: 5% to 90% RH (non-condensing)

Power Supply

- Input Voltage: 9-30VDC or 12-24VAC
- Max Current Consumption: 240mA

MODBUS Registers

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



Dimensions

4.5x2.9x1.6" (11.5x7.4x4cm)

ACGW007-xx ships with RJ45 inline coupler and Cat5e network cable pre-installed for connection to MODBUS network.

Power supply not included

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