



Communication Gateway Technical Information

The Hamilton Engineering OT gateway allows independent building management systems (BMS), utilizing established industry protocols LonWorks, BACnet, and Modbus to access operating conditions within Hamilton Engineering EVO equipment.

The gateway allows supervisory control and rudimentary set point changes and on/off schedules through the host BMS.



Power Requirements

- 120VAC

Mounting

- Unit or wall mount

Appearance

- *Dimensions:*
8" x 6.5" x 1.75"
- *Weight:*
3.55 lbs. (1.6 kg)
- *Construction:*
 - Galvanized steel base
 - Enamel painted metal cover

Compliance

- CSA approved

Gateway interface connection

- 18 gauge; shielded, twisted pair (grounding at one end only)

External Diagnostics

- LED fault diagnostic

Protocols

- LonWorks
- BACnet
- Modbus

Network Connections

- TCP/IP
- Ethernet

Data Points

- Boiler setpoint
- Supply water temperature
- Return water temperature
- On/Off status
- System fault condition
- Flame status
- Boiler setpoint adjust
- On/Off via BMS software scheduling parameters
- Monitor modulation

Surroundings

120VAC gateway to be mounted in a convenient location near the boiler control.

Recommendations

Avoid running wires beside or near high voltage 120/240VAC conductors. If proximity to high voltage conductors cannot be avoided, use a stranded, twisted pair of shield design wires. Ensure that only one end of the shielding is grounded.

** Please note, not all functions are available on all models. Please contact factory for features that apply to your application.*

