

BUILDING MANAGEMENT SYSTEM BACnet AND MODBUS INTERFACE

Introducing the BMS gateway for control of A. O. Smith Water Heaters

CONNECT YOUR A. O. SMITH WATER HEATER TO YOUR BUILDING MANAGEMENT SYSTEM USING THE NEW MILLENNIUM CONTROL FROM ICC* (INDUSTRIAL CONTROL COMMUNICATIONS, INC.)

- Works with Cyclone (BTH, BTX-100, BTXL-100), McBee DVE, Renton DSE/ DVE/DHE
- Use the ICC Control to enable/disable the water heater
- Change Temperature Set points and differentials
- Two models with four different configurations to connect to BACnet and Modbus
- Ethernet and Serial RS-485 versions available
- 2 wire or 4 wire RS-485 Network
- Power can be supplied via the USB cable, as a 7-24 VDC input on the main terminal Block, or via IEEE 802.3af Power over Ethernet (PoE on ETH-1000 only)
- Configure protocols, network characteristics, and client/server object definitions
- Graphically interact with the internal database in real-time via USB connection
- Automatically discover and configure IP settings Ethernet gateways connected to the current subnet
- Update Firmware



MODELS

**ETH-1000
ETHERNET CONNECTION**

**XLTR-1000
SERIAL RS-485 CONNECTION**



ICC Energy Management Interface			
Protocol	Part #	Connection Type	Application
BACnet	9910093000	Serial (RS485)	Commercial Gas - Cyclone BTH, BTX-100 & BTXL-100
	9910094000		Commercial Electric - DSE, DVE, DHE
	9910099000	Ethernet (IP)	Commercial Gas - Cyclone BTH, BTX-100 & BTXL-100
	9910100000		Commercial Electric - DSE, DVE, DHE
Modbus	9910096000	Serial (RS485)	Commercial Gas - Cyclone BTH, BTX-100 & BTXL-100
	9910097000		Commercial Electric - DSE, DVE, DHE
	9910102000	Ethernet (IP)	Commercial Gas - Cyclone BTH, BTX-100 & BTXL-100
	9910103000		Commercial Electric - DSE, DVE, DHE

- Heater connection wiring supplied with unit.
- For questions on this product Call 888-928-3702 Opt 1
- RTU and serial connect via RS-485
- Ethernet and IP connect via RJ-45
- MS/TP connections type use the XLTR-1000 Gateway

For Technical Information, call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.