

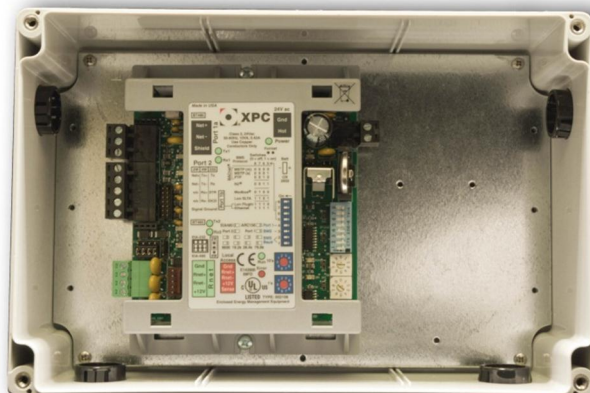


# MODEL XPC

## TECHNICAL DATA SHEET

### AERCO Communications Gateway

- ✓ Built-in translation for BACnet, LonWorks, N2 and ModBus protocols
- ✓ Select protocol and baud rate in the field using simple dip switch
- ✓ Plug-in port for LonWorks and Ethernet cards
- ✓ Captures alarm and trend history for faster troubleshooting
- ✓ Battery-backed memory retains point mappings and programs in the event of power loss



### DESCRIPTION

AERCO offers a multi-protocol, communications gateway to support integration with customers building control and energy management systems. The plug-n-play package supports integration with Johnson N2, BACnet and LonWorks systems. AERCO's Communications Gateway is available for all\* AERCO boilers and water heaters.

The gateway is packaged in a UL-recognized plastic enclosure that can be installed on a wall or mounted on our equipment using a steel mounting bracket. All three protocols reside in the gateway with the desired protocol selected by the customer using a dipswitch. The standard gateway is programmed for up to 12 gas-fired boilers or water heaters, four indirect water heaters or one BMS II with a list of standard control points for each category of equipment, including set point, fire rate, outlet temperature, unit status, run cycles and run hours. A custom program option, to support access to up to 300 customer selected data points, is also available.

\*Benchmark and KC1000 units must be equipped with Modbus compatible controls; Helitherm and U-Tube style heaters must be equipped with the company's Electronic Control System.

### SPECIFICATIONS

Dimensions..... 8"W x 6"H x 3"D  
Weight..... 2 lbs  
Battery Requirements..... Lithium 3V coin Cell  
Baud Rates Supported..... 9600  
Power Supply Required..... 24 VAC, 50/60Hz, 20VA  
Maximum Current Draw..... .85 Amps@24VAC  
Ports Provided..... RS232 & RS485

Protocols Supported ..... ModBus  
..... Johnson N2  
..... LonWorks  
..... BACnet MS/TP (9600 -76.8 baud)  
..... BACnet Arcnet  
..... BACnet PTP

Represented by:

Specifications subject to change.  
Consult website or contact AERCO.  
CG-1 Revised 1/13/2011 NJ



WATER HEATERS • BOILERS • PARTS & ACCESSORIES

AERCO INTERNATIONAL, INC. ~ 159 PARIS AVE.  
NORTHVALE, N.J. 07647-0128 ~ (201) 768-2400 ~ FAX 201-768-7789  
www.aerco.com