



Date: 10-24-2017
Vendor Name: Price Industries Limited
Product Name: Therma Fuser Diffuser
Product Model Number: EF-B, EK-B, EL-B, ER-B
Application Software Version: 12.2012
Firmware Revision: 0.8.1
BACnet Protocol Revision: 9

Product Description:

The E-series VAV diffusers provide individual temperature control to precisely match the comfort requirements of each space. The E-series offer more information about what is happening in the space than any other VAV terminal because they monitor load, supply air temperature and flow at each diffuser.

BACnet Standardized Device Profile :

- BACnet Operator Workstation (B-OWS)
- BACnet Advanced Operator Workstation (B-AWS)
- BACnet Operator Display (B-OD)
- BACnet Building Controller (B-BC)
- BACnet Advanced Application Controller (B-AAC)
- BACnet Application Specific Controller (B-ASC)
- BACnet Smart Sensor (B-SS)
- BACnet Smart Actuator (B-SA)

List all BACnet Interoperability Building Blocks Supported:

Specification	BIBB Name	Supported BIBB
K.1.2	Data Sharing – ReadProperty-B	DS-RP-B
K.1.8	Data Sharing – WriteProperty-B	DS-WP-B
K.5.2	Device Management – Dynamic Device Binding-B	DM-DDB-B
K.5.4	Device Management – Dynamic Object Binding-B	DM-DOB-B
K.5.6	Device Management – DeviceCommunicationControl-B	DM-DCC-B
K.5.16	Device Management – DynamicReinitializeDevice-B	DM-RD-B

Segmentation Capability:

- Able to transmit segmented messages Window Size
- Able to receive segmented messages Window Size



Standard Object Types Supported:

Object	Create Object Service	Delete Object Service	Writeable Properties
DE Device Object	No	No	Device Instance Number Location
AI Analog Input	No	No	
AV Analog Value	No	No	Present Value
BV Binary Value	No	No	Present Value

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s)
- MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 57600
- MS/TP slave (Clause 9), baud rate(s):
- Point-To-Point, EIA 232 (Clause 10), baud rate(s):
- Point-To-Point, modem, (Clause 10), baud rate(s):
- LonTalk, (Clause 11), medium:
- BACnet/ZigBee (ANNEX O)
- Other: _____

Device Address Binding:

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.) Yes No

Networking Options:

- Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.
 - Annex H, BACnet Tunneling Router over IP
 - BACnet/IP Broadcast Management Device (BBMD)
- Does the BBMD support registrations by Foreign Devices? Yes No
- Does the BBMD support network address translation? Yes No

Network Security Options:

- Non-secure Device - is capable of operating without BACnet Network Security
- Secure Device - is capable of using BACnet Network Security (NS-SD BIBB)
- Multiple Application-Specific Keys:
- Supports encryption (NS-ED BIBB)
- Key Server (NS-KS BIBB)



Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- | | | |
|---|---|-------------------------------------|
| <input checked="" type="checkbox"/> ANSI X3.4 | <input type="checkbox"/> IBM™/Microsoft™ DBCS | <input type="checkbox"/> ISO 8859-1 |
| <input type="checkbox"/> ISO 10646 (UCS-2) | <input type="checkbox"/> ISO 10646 (UCS-4) | <input type="checkbox"/> JIS X 0208 |

Gateway:

This product does not support gateway functionality for any types of non-BACnet equipment/network(s)