

MicroTech II™ Unit Ventilator Unit Controller

Protocol Implementation Conformance Statement

- ANSI/ASHRAE 135-2001, BACnet®
This document contains the Protocol Implementation Conformance Statement (PICS) for the MicroTech II Unit Ventilator Unit Controller from McQuay International as required by ANSI/ASHRAE (American National Standards Institute/American Society of Heating, Refrigeration, and Air Conditioning Engineers) Standard 135-2001, BACnet®; A Data Communication Protocol for Building Automation and Control Networks.

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BACnet Protocol Implementation Conformance Statement

Date: June 2002
Vendor Name: McQuay International
Product Name: MicroTech II Unit Ventilator Unit Controller
Product Model Number: MTII UVUC
Applications Software Version:
Firmware Revision:
BACnet Protocol Revision: Version 1 Revision 2

Product Description

The MicroTech II™ Unit Ventilator Unit Controller with optional BACnet Communications Module is a microprocessor-based controller designed to operate AAF® HermanNelson® Unit Ventilators and to be integrated into BACnet building-automation systems.

BACnet Standardized Device Profile

- BACnet Operator Workstation (B-OWS)
- 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)

BACnet Interoperability Building Blocks (BIBBs) Supported

BIBB Name	Designation
Data Sharing – Read Property – B	DS-RP-B
Data Sharing – Read Property Multiple – B	DS-RPM-B
Data Sharing – Write Property – B	DS-WP-B
Data Sharing – Write Property Multiple – B	DS-WPM-B
Device Management – Dynamic Device Binding – B	DM-DDB-B
Device Management – Dynamic Object Binding – B	DM-DOB-B
Device Management – Device Communication Control – B	DM-DCC-B
Device Management – Reinitialize Device – B	DM-RD-B

Networking Options

- Router, Clause 6
Routing Configurations:
- Annex H, BACnet Tunneling Router over IP
- BACnet/IP Broadcast Management Device (BBMD)
Registrations by Foreign Devices? Yes
 No

Character Sets Supported

- ANSI X3.4 BM™/Microsoft™ DBCS ISO 8859-1
- ISO 10646 (UCS-2) ISO 10646 (UCS-4) JIS C 6226

Note: Support for multiple character sets does not imply they can be supported simultaneously.

Non-BACnet Equipment/Network(s) Support

- Communications Gateway
Non-BACnet equipment/networks(s):

