

Group: Controls

Part Number: ED 15115

Date: March 2010

Supersedes: ED 15115

**MicroTech<sup>®</sup> III**  
**Water Source Heat Pump Unit Controller**  
**Protocol Implementation Conformance Statement (PICS)**  
**ANSI/ASHRAE 135-2004, BACnet<sup>®</sup>**

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# Revision History

ED15115	February 2009	Initial release.
ED 15115-1	March 2010	Updated application and firmware revision numbers.

## Notice

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## Limited Warranty

Consult your local McQuay Representative for warranty details. Refer to Form 933-430285Y. To find your local McQuay Representative, go to [www.mcquay.com](http://www.mcquay.com)

## Reference Documents

Company	Number	Title	Source
American Society of Heating, Refrigerating and Air-Conditioning Engineers	ANSI/ASHRAE 135-2004	BACnet- A Data Communication Protocol for Building Automation and Control Networks	<a href="http://www.ashrae.org">www.ashrae.org</a>
McQuay International	OM 931	MicroTech III WSHP Unit Controller Operation Manual	<a href="http://www.mcquay.com">www.mcquay.com</a>
McQuay International	ED 15103	MicroTech III WSHP Unit Controller Protocol Document	<a href="http://www.mcquay.com">www.mcquay.com</a>

# Protocol Implementation Conformance Statement (PICS)

This section contains the Protocol Implementation Conformance Statement (PICS) for the MicroTech III WSHP Unit Controller of McQuay International as required by ANSI/ASHRAE Standard 135-2004, BACnet: A Data Communication Protocol for Building Automation and Control Networks.

## Protocol Implementation Conformance Statement

Date: March 17, 2010  
Vendor Name: McQuay International  
Product Name: MTIIIUC\_WSHP  
Product Model Number:  
Application Software Version: 2.6  
Firmware Revision: 2.7  
BACnet Protocol Revision: Version 1  
Revision 4

## Product Description

The MicroTech III WSHP Unit Controller with optional BACnet Communication Module is a microprocessor-based controller designed to operate McQuay Water Source Heat Pump units and be integrated into BACnet building automation systems.

## BACnet Standardized Device Profile

- BACnet Operator Workstation (B-OWS)
- BACnet Building Controller (B-BC)
- BACnet Advanced Application Specific 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 – ReadProperty – B	DS-RP-B
Data Sharing – ReadPropertyMultiple – B	DS-RPM-B
Data Sharing – WriteProperty – B	DS-WP-B
Data Sharing – WritePropertyMultiple – B	DS-WPM-B
Device Management – Dynamic Device Binding – B	DM-DDB-B
Device Management – Dynamic Object Binding – B	DM-DOB-B
Device Management – ReinitializeDevice – B	DM-RD-B
Device Management – Dynamic Communication Control – B	DM-DCC-B



## Device Address Binding

Static Device Binding  Yes  
 No

## Character Sets Supported

ANSI X3.4  IBM™/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.

This document contains the most current product information as of this printing. For the most up-to-date product information, please go to [www.mcquay.com](http://www.mcquay.com).