

# BACnet Protocol Implementation Conformance Statement

Vendor Name: MITSUBISHI ELECTRIC CORPORATION

AIR CONDITIONING & REFRIGERATION SYSTEMS WORKS.

Product Name: Under Consideration

Product Model Number: Under Consideration

## Product Description

This product is a controller which offers BACnet service to an air-conditioning system.

## BACnet Conformance Class Supported

Class1	<input type="checkbox"/>	Class4	<input type="checkbox"/>
Class2	<input type="checkbox"/>	Class5	<input type="checkbox"/>
Class3	<input checked="" type="checkbox"/>	Class6	<input type="checkbox"/>

## BACnet Functional Groups Supported

Clock	<input type="checkbox"/>	Files	<input type="checkbox"/>
HHWS	<input type="checkbox"/>	Reinitialize	<input type="checkbox"/>
PCWS	<input type="checkbox"/>	Virtual Operator Interface	<input type="checkbox"/>
Event Initiation	<input checked="" type="checkbox"/>	Virtual Terminal	<input type="checkbox"/>
Event Response	<input type="checkbox"/>	Device Communications	<input type="checkbox"/>
COV Event Initiation	<input checked="" type="checkbox"/>	Time Master	<input type="checkbox"/>
COV Event Response	<input type="checkbox"/>		

## BACnet Standard Application Services Supported

Application Service	Initiates Requests	Executes Requests
Acknowledge Alarm	<input type="checkbox"/>	<input type="checkbox"/>
Confirmed COV Notification	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Confirmed Event Notification	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Get Alarm Summary	<input type="checkbox"/>	<input type="checkbox"/>
Get Enrollment Summary	<input type="checkbox"/>	<input type="checkbox"/>
Subscribe COV	<input type="checkbox"/>	<input type="checkbox"/>
Unconfirmed COV Notification	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unconfirmed Event Notification	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Atomic Read File	<input type="checkbox"/>	<input type="checkbox"/>
Atomic Write File	<input type="checkbox"/>	<input type="checkbox"/>
Add List Element	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Remove List Element	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Create Object	<input type="checkbox"/>	<input type="checkbox"/>
Delete Object	<input type="checkbox"/>	<input type="checkbox"/>
Read Property	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Read Property Conditional	<input type="checkbox"/>	<input type="checkbox"/>
Read Property Multiple	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Write Property	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Write Property Multiple	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Device Communication Control	<input type="checkbox"/>	<input type="checkbox"/>
Confirmed Private Transfer	<input type="checkbox"/>	<input type="checkbox"/>
Reinitialize Device	<input type="checkbox"/>	<input type="checkbox"/>
Confirmed Text Message	<input type="checkbox"/>	<input type="checkbox"/>
Unconfirmed Text Message	<input type="checkbox"/>	<input type="checkbox"/>
Time Synchronization	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Who-Has	<input type="checkbox"/>	<input checked="" type="checkbox"/>
I-Have	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Who-Is	<input type="checkbox"/>	<input checked="" type="checkbox"/>
I-Am	<input checked="" type="checkbox"/>	<input type="checkbox"/>
VT-Open	<input type="checkbox"/>	<input type="checkbox"/>
VT-Close	<input type="checkbox"/>	<input type="checkbox"/>
VT-Data	<input type="checkbox"/>	<input type="checkbox"/>
Authenticate	<input type="checkbox"/>	<input type="checkbox"/>
Request Key	<input type="checkbox"/>	<input type="checkbox"/>

## Standard Object Type Supported

Object-Type	Supported	Dynamically Creatable	Dynamically Deletable	Optional Properties Supported	Writable Properties
Analog Input	■	<input type="checkbox"/>	<input type="checkbox"/>		
Analog Output	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Analog Value	■	<input type="checkbox"/>	<input type="checkbox"/>		
Binary Input	■	<input type="checkbox"/>	<input type="checkbox"/>		
Binary Output	■	<input type="checkbox"/>	<input type="checkbox"/>		
Binary Value	■	<input type="checkbox"/>	<input type="checkbox"/>		
Calendar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Command	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Device	Yes	N/A	N/A		
Event Enrollment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
File	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Group	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Loop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Multi-state Input	■	<input type="checkbox"/>	<input type="checkbox"/>		
Multi-state Output	■	<input type="checkbox"/>	<input type="checkbox"/>		
Notification Class	■	<input type="checkbox"/>	<input type="checkbox"/>		
Program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Schedule	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

## Date Link Layer Option

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> ISO 8802-3,10BASE5                             | <input type="checkbox"/> ARCNET, coax star         | <input type="checkbox"/> MS/TP master, baud rate(s):_____            |
| <input type="checkbox"/> ISO 8802-3,10BASE2                             | <input type="checkbox"/> ARCNET, coax bus          | <input type="checkbox"/> MS/TP slave, baud rate(s):_____             |
| <input checked="" type="checkbox"/> ISO 8802-3,10BASET                  | <input type="checkbox"/> ARCNET, twisted pair star | <input type="checkbox"/> Point-To-Point, EIA 232, baud rate(s):_____ |
| <input type="checkbox"/> ISO 8802-3,Fiber                               | <input type="checkbox"/> ARCNET, twisted pair bus  | <input type="checkbox"/> Point-To-Point, modem, baud rate(s)_____    |
|   | <input type="checkbox"/> ARCNET, fiber star        | <input type="checkbox"/> Lon Talk, medium:_____                      |
| <input checked="" type="checkbox"/> Other: <u>ASHRAE135a(BACnet/IP)</u> |  |  |

## Character Sets Supported

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

- ANSI3.4    IBM/Microsoft DBCS    JIS C 6226    ISO 10646(ICS-4)    ISO 10646(UCS2)  
 ISO 8859-1

## Special Functionality

- |                               |   |                   |
|-------------------------------|---|-------------------|
| Segmented Requests Supported  | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | Window Size:_____ |
| Segmented Responses Supported | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | Window Size:_____ |
| Router                        | <input type="checkbox"/>  |                   |

Describe the supported routing capabilities:

Not supported,  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Property Range Restrictions:

The Present \_ Value property of Temperature Adjust Object(Analog Value)has the characteristic set range.