SUPPLEMENTAL INSTRUCTIONS

Remote Connectivity Supplemental Manual for LC6000 Controller

This Modbus list is valid for LCS6000.3.2.0

7960-791 is valid for LCS6000.1.1.0

7960-791A is valid for LCS6000.2.000 through LCS6000.2.1.0

7960-791B is valid for LCS6000.3.000 through LCS6000.3.1.0

The LC6000 is capable of being remotely monitored through the integrated Ethernet port. Through this port the controller will respond to Modbus commands allowing access to setpoints, alarms, temperature measurements and humidity measurements for each zone.

The controller has the following connection settings:

Protocol: Modbus TCP/IP

Address: 1

Timeout: 3000 ms

IP Address: 192.168.0.14

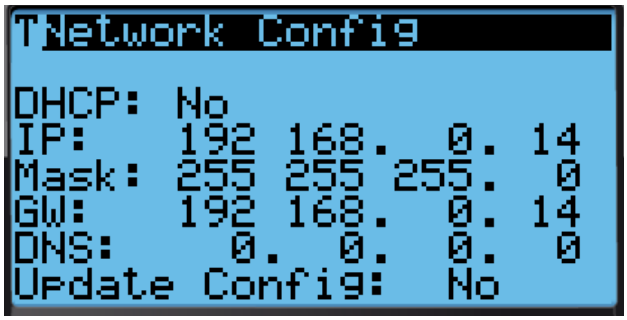
Subnet: 255.255.255.0

The IP settings are defaulted to the values listed above; however, in general for remote monitoring of these values the IP settings will have to be adjusted to match the shelter network settings.

To change the IP settings of the LC6000:

1. Press MENU key to go to the Main Menu screen.
2. Use UP or DOWN keys and ENTER key to enter USER password 1313.
3. Press UP or DOWN keys to scroll to **Settings**; press ENTER key.
4. Press UP or DOWN keys to scroll to **Network Config**; press ENTER key.
5. Press ENTER key to scroll down the screen (see Figure 1). Press the UP or DOWN keys to change the value of each parameter to match the setting required for the network the LC will be added to.
6. Once settings have been entered, change **Update Config?** from **No** to **Yes** to save the settings.

Figure 1
Network Configuration



Change computer IP address to gain access to LC6000:

NOTE: *If IP address has been set to something other than the default on the LC6000, the settings used in this step will have to match.*

1. Open Control Panel Menu and click on **Network and Sharing Center** (see Figure 2 on page 2).
2. Locate **Access type** and **Connections** (see Figure 3 on page 2). Click on the Connection type listed (i.e., Ethernet 2).

Bard® SINCE 1914
Climate Control Solutions

Bard Manufacturing Company, Inc.
Bryan, Ohio 43506

www.bardhvac.com

Manual: 7960-791H
Supersedes: 7960-791G
Date: 8-23-22

FIGURE 2
Click on Network and Sharing Center

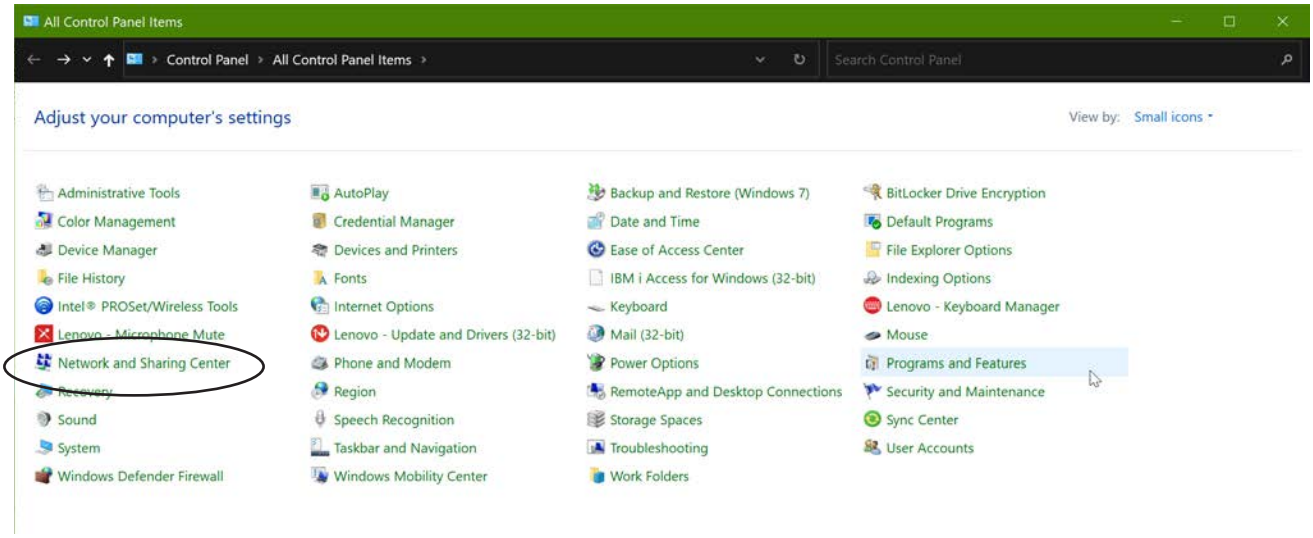
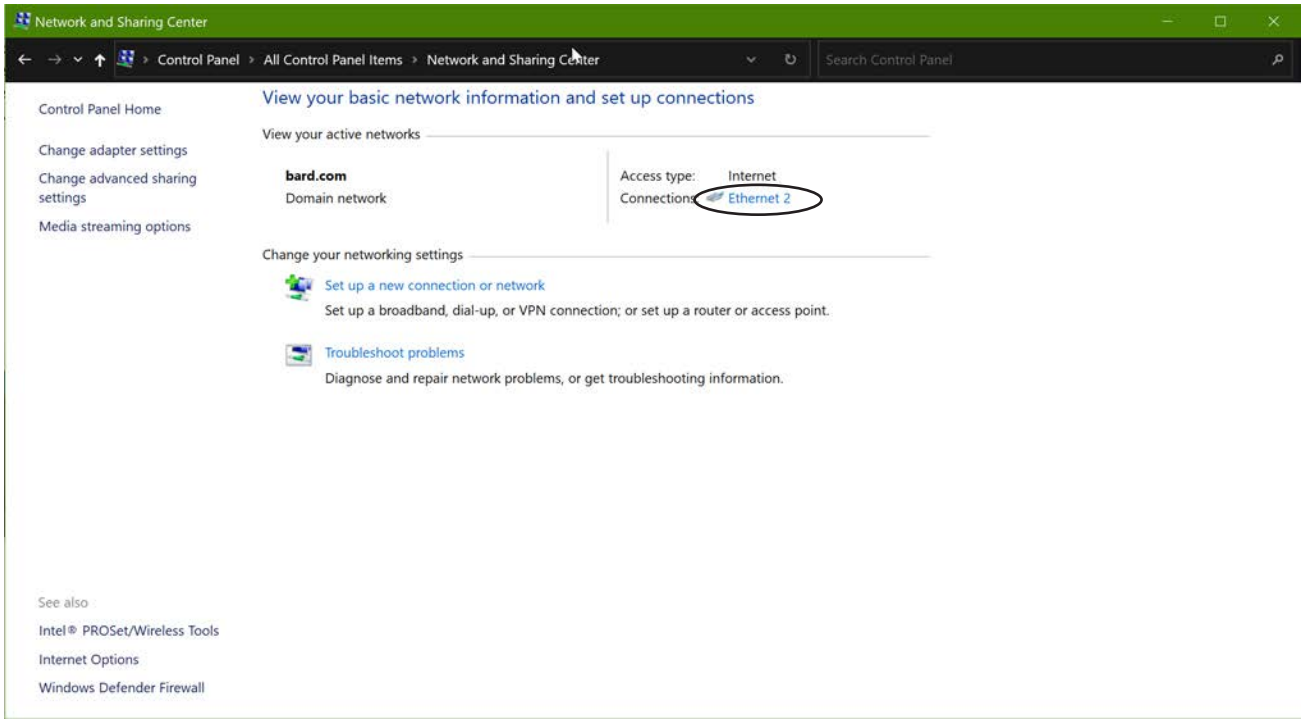
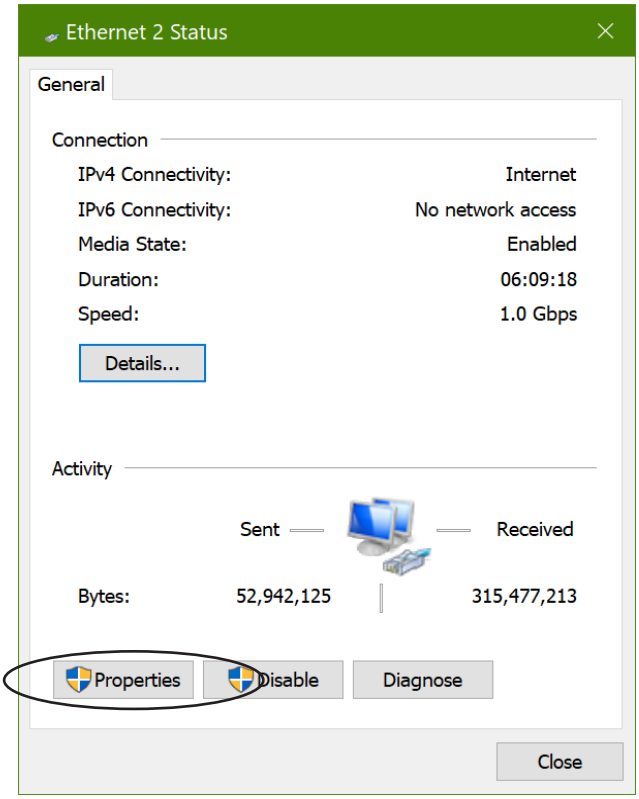


FIGURE 3
Click on Connection Type Listed



3. In the opened Status window, click the **Properties** button (see Figure 4).

FIGURE 4
Click on Properties Button



4. In the opened Properties window, highlight **Internet Protocol Version 4 (TCP/IPV4)** and click the **Properties** button (see Figure 5).
5. In the opened Properties window, change the addresses as shown in Figure 6:

   IP address: 192.168.0.15

   Subnet mask: 255.255.255.0

   Default gateway:

   Preferred DNS server:

   Alternate DNS server:

   NOTE: *Record the computer's current IP settings BEFORE making any changes. Reset back to these original settings once an IP address to the LC6000 Series has been assigned.*
6. Click the OK button and close all windows.

Log In Page

1. Start the internet browser. Enter the LC6000 Series default IP address and click the **Enter** button. The LC6000 log in page should appear.

FIGURE 5
Highlight Internet Protocol Version 4 and Click on Properties Button

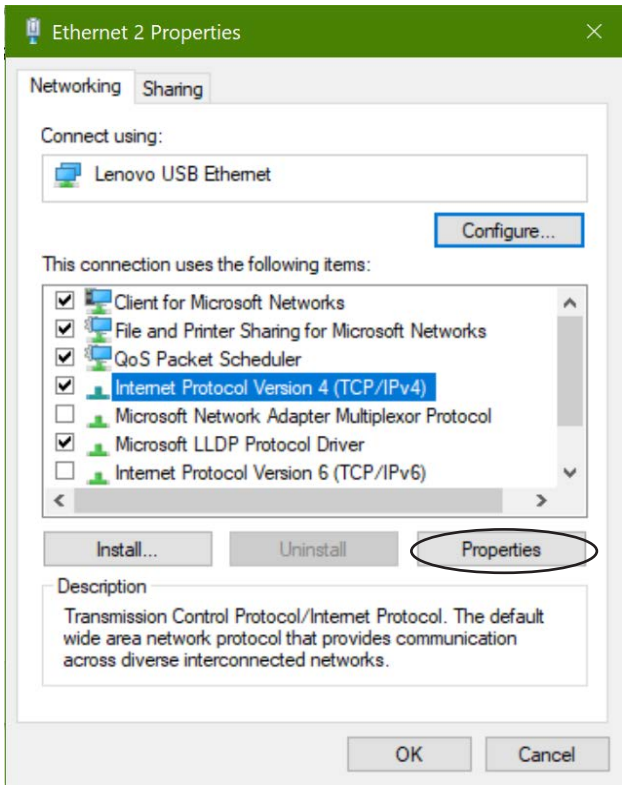
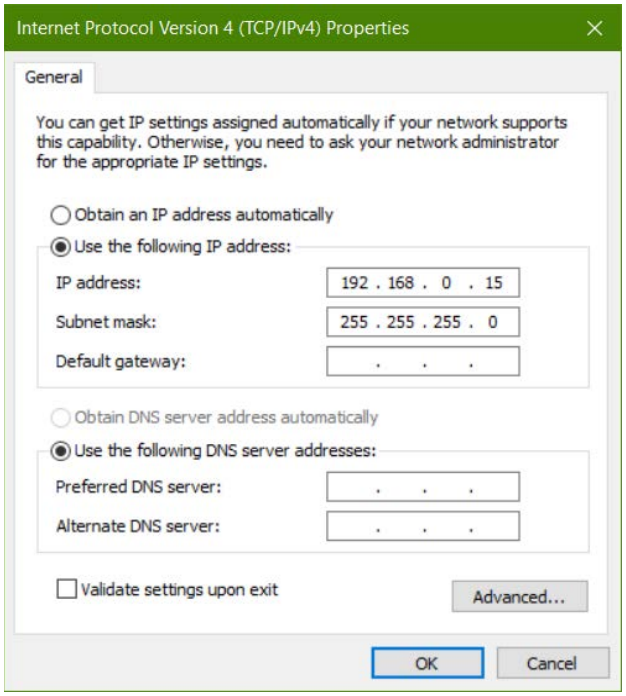


FIGURE 6
Change Addresses



2. Type “Admin” for username and “Bard” for password. These are case sensitive. Click the **Log In** button. The System Status Page will appear.

The units of the values retrieved during communication are determined by the controller unit of measure setting. This is configured onsite and cannot be changed remotely.

The values on the Modbus list are in degrees Fahrenheit. When the unit of measure is changed by the user, the temperature values in the Modbus will change to degrees Celsius.

For more information about how to use each of these values, please refer to the latest version of the 2100-669 LC6000 Service Instructions manual.

If BACnet or SNMP communication is desired, a ProtoNode FPC-N54 BACnet/SNMP gateway (Bard P/N 8620-350) can be added on to the LC6000 to support BACnet/SNMP protocol. See page 23 for more information.

Unit Status Message				
Unit Status Message	**ID**	**MULTI-TEC**	**FUSION-TEC**	**MEGA-TEC**
Orphan Mode	1	X	X	X
th_Tune_Online	2	X	-	-
LC Online	3	X	X	X
N/A	4	-	-	-
Continuous Blower	5	X	X	X
Off by th_Tune	6	X	-	-
Power Loss Mode	7	-	X	-
Inverter Mode	8	-	X	-
Freecooling	9	X	X	X
Optimized Mode	10	X	X	X
Cooling	11	X	X	X
Heating	12	X	X	X
Active Dehum	13	X	X	X
Self Test	14	X	X	X
PT Online	15	X	X	X
Off by Alarm	16	X	X	X
Off by BMS	17	-	X	-
Off by Time Band	18	-	X	-
Off by Digital Input	19	-	X	-
Off by LC	20	X	X	X
N/A	21	-	-	-
Off by Keypad	22	X	X	X
Manual Mode	23	-	X	-
Emergency Vent	24	X	X	X
Emergency Cool	25	X	X	X
Emergency Off	26	X	X	X
Passive Dehum	27	X	X	X
Standalone Mode	28	-	-	X
Model Invalid	29	X	X	X
Off by Standalone Display	30	-	-	X
Comfort Mode	31	-	-	X

Unit of Measure BMS	
	ID
NC	0
SI	1
USA	2
UK	3
CANADA	4
LON	5

LC6000 Unit of Measure	
	ID
NC	0
SI	1
USA	2
UK	3
CANADA	4
LON	5

Continuous Blower	
	ID
No Units	0
Lead Unit	1
All Units	2
Custom	3

Unit Type	
	ID
None	0
MULTI-TEC	2
MEGA-TEC	4
WR	5

Rotation Type	
	ID
FIFO	0
LIFO	1
Demand	2

Compressor Status	
	ID
Compressor Off	0
Compressor Start-Up	1
Compressor On or at 25%	2
Compressor at 50%	3
Compressor at 75%	4
Compressor at 100%	5
Compressor Forced Off	6
Compressor Limited to 25%	7
Compressor Limited to 50%	8
Compressor Limited to 75%	9
Compressor Off by Alarm	10
Compressor Off by Time	11
Compressor On by Time	12
Manual Mode	13
Compressor On by Pump-Down	14

Dehum Type	
	ID
None	0
Electric Reheat	1
Mechanical Reheat	2
Cyclic Reheat	3

Humidity Setup	
	ID
None	0
Zone 1	1
Zones 1 & 2	2
Zones 1, 2 & 3	3

Humidity Type	
	ID
Relay	0
Comm	1

Modbus Register List – LC6000

The Modbus Register List table beginning on page 7 describes all of the Modbus points that are available through the LC6000.

Coil (Read/Write) – The LC6000 only has one coil available and it is used to turn off the system remotely.

Holding Register (Read/Write) – The holding registers are used to change settings on the controller remotely that alter the way the controller functions.

Discrete Input and Input Registers (Read Only) – These points are used to monitor the status or value of the LC6000 and/or wall units.

Register Range	Group
0-99	General
100-199	Zone 1
200-299	Zone 2
300-399	Zone 3
1000-1999	Unit 1
2000-2999	Unit 2
3000-3999	Unit 3
4000-4999	Unit 4
5000-5999	Unit 5
6000-6999	Unit 6
7000- 7999	Unit 7
8000-8999	Unit 8
9000-9999	Unit 9
10000-10999	Unit 10
11000-11999	Unit 11
12000-12999	Unit 12
13000-13999	Unit 13
14000-14999	Unit 14

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
System Off/On	Coil	0-1	Off / On = 0 / 1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Generator Alarm	DiscreteInput	0-1	Off / On = 0 / 1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Emergency Off Input Status	DiscreteInput	0-1	Off / On = 0 / 1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Generator Inputs Status	DiscreteInput	0-1	Off / On = 0 / 1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Emergency Vent Input Status	DiscreteInput	0-1	Off / On = 0 / 1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LC6000 Outdoor Temperature Sensor Failure	DiscreteInput	0-1	### = ###	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LC6000 Outdoor Humidity Sensor Failure	DiscreteInput	0-1	### = ###	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bard Guard Alarm	DiscreteInput	0-1	### = ###	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 1 Offline	DiscreteInput	0-1	### = ###	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 2 Offline	DiscreteInput	0-1	### = ###	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 3 Offline	DiscreteInput	0-1	### = ###	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 4 Offline	DiscreteInput	0-1	### = ###	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 5 Offline	DiscreteInput	0-1	### = ###	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 6 Offline	DiscreteInput	0-1	### = ###	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 7 Offline	DiscreteInput	0-1	### = ###	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 8 Offline	DiscreteInput	0-1	### = ###	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 9 Offline	DiscreteInput	0-1	### = ###	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 10 Offline	DiscreteInput	0-1	### = ###	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 11 Offline	DiscreteInput	0-1	### = ###	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 12 Offline	DiscreteInput	0-1	### = ###	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 13 Offline	DiscreteInput	0-1	### = ###	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 14 Offline	DiscreteInput	0-1	### = ###	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Emergency Off Alarm	DiscreteInput	0-1	### = ###	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Emergency Ventilation Alarm	DiscreteInput	0-1	### = ###	101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Indoor Temperature Sensor Failure	DiscreteInput	0-1	Off / On = 0 / 1	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Remote Temperature Sensor Failure	DiscreteInput	0-1	Off / On = 0 / 1	103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Zone 1 Humidity Sensor Failure	DiscreteInput	0-1	### = ###	104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Low Temperature Alarm	DiscreteInput	0-1	### = ###	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 High Temperature Alarm	DiscreteInput	0-1	### = ###	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 High Temperature 2 Alarm	DiscreteInput	0-1	### = ###	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Low Humidity Alarm	DiscreteInput	0-100%	###.# = ###	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 High Humidity Alarm	DiscreteInput	0-1	### = ###	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 No temperature sensors present	DiscreteInput	0-1	### = ###	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Emergency Off Alarm	DiscreteInput	0-1	### = ###	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Emergency Ventilation Alarm	DiscreteInput	0-1	### = ###	201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Indoor Temperature Sensor Failure	DiscreteInput	0-1	Off / On = 0 / 1	202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Humidity Sensor Failure	DiscreteInput	0-1	### = ###	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Low Temperature Alarm	DiscreteInput	0-1	### = ###	205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 High Temperature Alarm	DiscreteInput	0-1	### = ###	206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 High Temperature 2 Alarm	DiscreteInput	0-1	### = ###	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Low Humidity Alarm	DiscreteInput	0-100%	###.# = ###	208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 High Humidity Alarm	DiscreteInput	0-1	### = ###	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 No temperature sensors present	DiscreteInput	0-1	### = ###	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Emergency Off Alarm	DiscreteInput	0-1	### = ###	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Emergency Ventilation Alarm	DiscreteInput	0-1	### = ###	301	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Indoor Temperature Sensor Failure	DiscreteInput	0-1	Off / On = 0 / 1	302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Humidity Sensor Failure	DiscreteInput	0-1	### = ###	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Zone 3 Low Temperature Alarm	DiscreteInput	0-1	### = ###	305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 High Temperature Alarm	DiscreteInput	0-1	### = ###	306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 High Temperature 2 Alarm	DiscreteInput	0-1	### = ###	307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Low Humidity Alarm	DiscreteInput	0-100%	###.# = ###	308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 High Humidity Alarm	DiscreteInput	0-1	### = ###	309	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 No temperature sensors present	DiscreteInput	0-1	### = ###	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Modbus List Unit of Measure	HoldingRegister	0-5	### = ###	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE UNIT OF MEASURE TABLE
Zone 1 Cooling Setpoint	HoldingRegister	(HeatSP + 8)-95	###.# = ###	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Heating Setpoint	HoldingRegister	32 - (CoolSp - 8)	###.# = ###	101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Humidity Setpoint	HoldingRegister	0-100%	###.# = ###	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Dehumidification Off Sepoint	HoldingRegister	46-99%	###.# = ###	103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Low Temperature Alarm Setpoint	HoldingRegister	28-65	###.# = ###	104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 High Temperature Alarm Setpoint	HoldingRegister	70-120	###.# = ###	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 High Temperature 2 Alarm Setpoint	HoldingRegister	70-120	###.# = ###	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Low Humidity Alarm Setpoint	HoldingRegister	0-100%	###.# = ###	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 High Humidity Alarm Setpoint	HoldingRegister	0-100%	###.# = ###	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Continuous Blower Setting	HoldingRegister	0-3	### = ###	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE CONT BLOWER TABLE
Zone 1 Rotation Setting	HoldingRegister	0-2	### = ###	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE ROTATION TABLE
Zone 1 Dehumidification Type Setting	HoldingRegister	0-3	### = ###	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE DEHUM TYPE TABLE
Zone 1 Passive Dehumidification Setpoint	HoldingRegister	46-99%	###.# = ###	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Zone 1 Active Dehumidification Setpoint	HoldingRegister	46-99%	###.# = ###	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Freecooling On Delay	HoldingRegister	N/A	### = ###	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Freecooling Off Delay	HoldingRegister	N/A	### = ###	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Cooling On Delay	HoldingRegister	N/A	### = ###	116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Cooling Off Delay	HoldingRegister	N/A	### = ###	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Heating On Delay	HoldingRegister	N/A	### = ###	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Heating Off Delay	HoldingRegister	N/A	### = ###	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Cooling Setpoint	HoldingRegister	(HeatSP + 8)-95	###.# = ###	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Heating Setpoint	HoldingRegister	32 - (CoolSp - 8)	###.# = ###	201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Humidity Setpoint	HoldingRegister	0-100%	###.# = ###	202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Dehumidification Off Sepoint	HoldingRegister	46-99%	###.# = ###	203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Low Temperature Alarm Setpoint	HoldingRegister	28-65	###.# = ###	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 High Temperature Alarm Setpoint	HoldingRegister	70-120	###.# = ###	205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 High Temperature 2 Alarm Setpoint	HoldingRegister	70-120	###.# = ###	206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Low Humidity Alarm Setpoint	HoldingRegister	0-100%	###.# = ###	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 High Humidity Alarm Setpoint	HoldingRegister	0-100%	###.# = ###	208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Continuous Blower Setting	HoldingRegister	0-3	### = ###	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE CONT BLOWER TABLE
Zone 2 Rotation Setting	HoldingRegister	0-2	### = ###	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE ROTATION TABLE
Zone 2 Dehumidification Type Setting	HoldingRegister	0-3	### = ###	211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE DEHUM TYPE TABLE
Zone 2 Passive Dehumidification Setpoint	HoldingRegister	46-99%	###.# = ###	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Zone 2 Active Dehumidification Setpoint	HoldingRegister	46-99%	###.# = ###	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Freecooling On Delay	HoldingRegister	N/A	### = ###	214	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Freecooling Off Delay	HoldingRegister	N/A	### = ###	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Cooling On Delay	HoldingRegister	N/A	### = ###	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Cooling Off Delay	HoldingRegister	N/A	### = ###	217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Heating On Delay	HoldingRegister	N/A	### = ###	218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Heating Off Delay	HoldingRegister	N/A	### = ###	219	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Cooling Setpoint	HoldingRegister	(HeatSP + 8)-95	###.# = ###	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Heating Setpoint	HoldingRegister	32 - (CoolSp - 8)	###.# = ###	301	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Humdity Setpoint	HoldingRegister	0-100%	###.# = ###	302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Dehumidification Off Sepoint	HoldingRegister	46-99%	###.# = ###	303	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Low Temperature Alarm Setpoint	HoldingRegister	28-65	###.# = ###	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 High Temperature Alarm Setpoint	HoldingRegister	70-120	###.# = ###	305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 High Temperature 2 Alarm Setpoint	HoldingRegister	70-120	###.# = ###	306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Low Humidity Alarm Setpoint	HoldingRegister	0-100%	###.# = ###	307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 High Humidity Alarm Setpoint	HoldingRegister	0-100%	###.# = ###	308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Continuous Blower Setting	HoldingRegister	0-3	### = ###	309	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE CONT BLOWER TABLE
Zone 3 Rotation Setting	HoldingRegister	0-2	### = ###	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE ROTATION TABLE
Zone 3 Dehumidification Type Setting	HoldingRegister	0-3	### = ###	311	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE DEHUM TYPE TABLE
Zone 3 Passive Dehumidification Setpoint	HoldingRegister	46-99%	###.# = ###	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Zone 3 Active Dehumidification Setpoint	HoldingRegister	46-99%	###.# = ###	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Freecooling On Delay	HoldingRegister	N/A	### = ###	314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Freecooling Off Delay	HoldingRegister	N/A	### = ###	315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Cooling On Delay	HoldingRegister	N/A	### = ###	316	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Cooling Off Delay	HoldingRegister	N/A	### = ###	317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Heating On Delay	HoldingRegister	N/A	### = ###	318	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Heating Off Delay	HoldingRegister	N/A	### = ###	319	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Number of Units	InputRegister	1-14	### = ###	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Humidification Setup	InputRegister	0-3	### = ###	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE HUM TYPE TABLE
Humidifier Type	InputRegister	0-1	### = ###	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LC6000 User Interface Unit of Measure	InputRegister	0-5	### = ###	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE UNIT OF MEASURE TABLE
Zone 1 Indoor Humidity	InputRegister	0-100%	###.# = ###	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Indoor Temperature	InputRegister	N/A	###.# = ###	101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 1 Remote Temperature	InputRegister	NA	###.# = ###	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Indoor Humidity	InputRegister	0-100%	###.# = ###	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 2 Indoor Temperature	InputRegister	N/A	###.# = ###	201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Indoor Humidity	InputRegister	0-100%	###.# = ###	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zone 3 Indoor Temperature	InputRegister	N/A	###.# = ###	301	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Filter Switch Status 1	DiscreteInput	0-1	Off / On = 0 / 1	-	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	X	X	X	
Filter Switch Status 2	DiscreteInput	0-1	Off / On = 0 / 1	-	1001	2001	3001	4001	5001	6001	7001	8001	9001	10001	11001	12001	13001	14001	-	-	X	
Blower 1 Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1003	2003	3003	4003	5003	6003	7003	8003	9003	10003	11003	12003	13003	14003	X	X	X	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Blower 2 Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1004	2004	3004	4004	5004	6004	7004	8004	9004	10004	11004	12004	13004	14004	-	-	X	
Low Pressure Switch 1 Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1005	2005	3005	4005	5005	6005	7005	8005	9005	10005	11005	12005	13005	14005	X	-	-	
Damper Switch 1 Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1007	2007	3007	4007	5007	6007	7007	8007	9007	10007	11007	12007	13007	14007	X	X	X	
Damper Switch 2 Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1008	2008	3008	4008	5008	6008	7008	8008	9008	10008	11008	12008	13008	14008	-	-	X	
Damper Switch 3 Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1009	2009	3009	4009	5009	6009	7009	8009	9009	10009	11009	12009	13009	14009	-	-	X	
Damper Switch 4 Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1010	2010	3010	4010	5010	6010	7010	8010	9010	10010	11010	12010	13010	14010	-	-	X	
Reheat Valve 1	DiscreteInput	0-1	Off / On = 0 / 1	-	1012	2012	3012	4012	5012	6012	7012	8012	9012	10012	11012	12012	13012	14012	X	-	-	
Electric Heat Stage 1	DiscreteInput	0-1	Off / On = 0 / 1	-	1029	2029	3029	4029	5029	6029	7029	8029	9029	10029	11029	12029	13029	14029	X	X	X	
Electric Heat Stage 2	DiscreteInput	0-1	Off / On = 0 / 1	-	1030	2030	3030	4030	5030	6030	7030	8030	9030	10030	11030	12030	13030	14030	X	-	X	
Freecooling Availability	DiscreteInput	0-1	Off / On = 0 / 1	-	1033	2033	3033	4033	5033	6033	7033	8033	9033	10033	11033	12033	13033	14033	X	X	X	
Dirty Filter Indicator Light Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1034	2034	3034	4034	5034	6034	7034	8034	9034	10034	11034	12034	13034	14034	-	X	X	
Compressor Cooling Stage 1	DiscreteInput	0-1	Off / On = 0 / 1	-	1035	2035	3035	4035	5035	6035	7035	8035	9035	10035	11035	12035	13035	14035	X	X	X	
Compressor Cooling Stage 2	DiscreteInput	0-1	Off / On = 0 / 1	-	1036	2036	3036	4036	5036	6036	7036	8036	9036	10036	11036	12036	13036	14036	X	-	X	
Compressor Cooling Stage 3	DiscreteInput	0-1	Off / On = 0 / 1	-	1037	2037	3037	4037	5037	6037	7037	8037	9037	10037	11037	12037	13037	14037	-	-	X	
Airflow Switch 1 Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1039	2039	3039	4039	5039	6039	7039	8039	9039	10039	11039	12039	13039	14039	-	X	X	
Airflow Switch 2 Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1040	2040	3040	4040	5040	6040	7040	8040	9040	10040	11040	12040	13040	14040	-	-	-	
High Pressure 1 / CCM Alarm Status 1	DiscreteInput	0-1	Off / On = 0 / 1	-	1041	2041	3041	4041	5041	6041	7041	8041	9041	10041	11041	12041	13041	14041	X	X	X	
High Pressure 2 / CCM Alarm Status 2	DiscreteInput	0-1	Off / On = 0 / 1	-	1042	2042	3042	4042	5042	6042	7042	8042	9042	10042	11042	12042	13042	14042	-	-	X	
Power Loss Input Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1043	2043	3043	4043	5043	6043	7043	8043	9043	10043	11043	12043	13043	14043	-	X	-	
Unit Disable Status	DiscreteInput	0-1	Off / On = 0 / 1	-	1044	2044	3044	4044	5044	6044	7044	8044	9044	10044	11044	12044	13044	14044	X	X	X	
Error in the number of retain memory writings	DiscreteInput	0-1	Off / On = 0 / 1	-	1500	2500	3500	4500	5500	6500	7500	8500	9500	10500	11500	12500	13500	14500	X	X	X	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Error in retain memory writings	DiscreteInput	0-1	Off / On = 0 / 1	-	1501	2501	3501	4501	5501	6501	7501	8501	9501	10501	11501	12501	13501	14501	X	X	X	
Circuit 1 Return Air Temp Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1502	2502	3502	4502	5502	6502	7502	8502	9502	10502	11502	12502	13502	14502	X	X	X	
Circuit 1 High Return Air Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1503	2503	3503	4503	5503	6503	7503	8503	9503	10503	11503	12503	13503	14503	X	X	X	
Circuit 1 Mixed Air Temp Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1504	2504	3504	4504	5504	6504	7504	8504	9504	10504	11504	12504	13504	14504	X	-	X	
Circuit 1 Mixed Air High Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1505	2505	3505	4505	5505	6505	7505	8505	9505	10505	11505	12505	13505	14505	X	-	X	
Circuit 1 Mixed Air Low Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1506	2506	3506	4506	5506	6506	7506	8506	9506	10506	11506	12506	13506	14506	X	-	X	
Circuit 1 Supply Air Temp Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1507	2507	3507	4507	5507	6507	7507	8507	9507	10507	11507	12507	13507	14507	-	X	X	
Circuit 1 High Supply Air Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1508	2508	3508	4508	5508	6508	7508	8508	9508	10508	11508	12508	13508	14508	-	X	-	
Circuit 1 Low Supply Air Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1509	2509	3509	4509	5509	6509	7509	8509	9509	10509	11509	12509	13509	14509	-	X	-	
Outdoor Air Temp Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1510	2510	3510	4510	5510	6510	7510	8510	9510	10510	11510	12510	13510	14510	X	X	X	
Outdoor Air Humidity Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1511	2511	3511	4511	5511	6511	7511	8511	9511	10511	11511	12511	13511	14511	X	X	X	
Circuit 1 Dust Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1512	2512	3512	4512	5512	6512	7512	8512	9512	10512	11512	12512	13512	14512	-	X	X	
Circuit 1 High Dust Levels Detected	DiscreteInput	0-1	Off / On = 0 / 1	-	1513	2513	3513	4513	5513	6513	7513	8513	9513	10513	11513	12513	13513	14513	-	X	X	
Circuit 1 Liquid Line Temp Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1514	2514	3514	4514	5514	6514	7514	8514	9514	10514	11514	12514	13514	14514	-	X	X	
Circuit 1 Liquid Line Pressure Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1516	2516	3516	4516	5516	6516	7516	8516	9516	10516	11516	12516	13516	14516	-	X	X	
Circuit 1 Suction Temperature Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1517	2517	3517	4517	5517	6517	7517	8517	9517	10517	11517	12517	13517	14517	X	X	X	
Circuit 1 Suction Pressure Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1518	2518	3518	4518	5518	6518	7518	8518	9518	10518	11518	12518	13518	14518	X	X	X	
Circuit 1 Low Pressure	DiscreteInput	0-1	Off / On = 0 / 1	-	1519	2519	3519	4519	5519	6519	7519	8519	9519	10519	11519	12519	13519	14519	X	X	X	
Circuit 1 High Pressure	DiscreteInput	0-1	Off / On = 0 / 1	-	1520	2520	3520	4520	5520	6520	7520	8520	9520	10520	11520	12520	13520	14520	X	X	X	
Damper 1 Failed to Open	DiscreteInput	0-1	Off / On = 0 / 1	-	1521	2521	3521	4521	5521	6521	7521	8521	9521	10521	11521	12521	13521	14521	X	X	X	
Damper 1 Failed to Close	DiscreteInput	0-1	Off / On = 0 / 1	-	1522	2522	3522	4522	5522	6522	7522	8522	9522	10522	11522	12522	13522	14522	X	X	X	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Circuit 1 Freeze Temperature Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1523	2523	3523	4523	5523	6523	7523	8523	9523	10523	11523	12523	13523	14523	X	-	-	
Circuit 1 Freeze Condition	DiscreteInput	0-1	Off / On = 0 / 1	-	1524	2524	3524	4524	5524	6524	7524	8524	9524	10524	11524	12524	13524	14524	X	X	X	
Circuit 1 No Airflow Alarm	DiscreteInput	0-1	Off / On = 0 / 1	-	1525	2525	3525	4525	5525	6525	7525	8525	9525	10525	11525	12525	13525	14525	-	X	X	
Dirty Filter 1	DiscreteInput	0-1	Off / On = 0 / 1	-	1526	2526	3526	4526	5526	6526	7526	8526	9526	10526	11526	12526	13526	14526	X	X	X	
Emergency Ventilation	DiscreteInput	0-1	Off / On = 0 / 1	-	1528	2528	3528	4528	5528	6528	7528	8528	9528	10528	11528	12528	13528	14528	X	X	X	
Emergency Cooling	DiscreteInput	0-1	Off / On = 0 / 1	-	1529	2529	3529	4529	5529	6529	7529	8529	9529	10529	11529	12529	13529	14529	X	X	X	
Unit Disable Input Active	DiscreteInput	0-1	Off / On = 0 / 1	-	1531	2531	3531	4531	5531	6531	7531	8531	9531	10531	11531	12531	13531	14531	X	X	X	
Power Loss Detected	DiscreteInput	0-1	Off / On = 0 / 1	-	1532	2532	3532	4532	5532	6532	7532	8532	9532	10532	11532	12532	13532	14532	-	X	-	
Circuit 1 EEV Low SuperHeat	DiscreteInput	0-1	Off / On = 0 / 1	-	1533	2533	3533	4533	5533	6533	7533	8533	9533	10533	11533	12533	13533	14533	X	X	X	
Circuit 2 Mixed Air Temp Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1548	2548	3548	4548	5548	6548	7548	8548	9548	10548	11548	12548	13548	14548	-	-	X	
Circuit 2 Mixed Air High Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1549	2549	3549	4549	5549	6549	7549	8549	9549	10549	11549	12549	13549	14549	-	-	X	
Circuit 2 Mixed Air Low Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1550	2550	3550	4550	5550	6550	7550	8550	9550	10550	11550	12550	13550	14550	-	-	X	
Circuit 2 Supply Air Temp Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1551	2551	3551	4551	5551	6551	7551	8551	9551	10551	11551	12551	13551	14551	-	-	X	
Circuit 2 High Supply Air Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1552	2552	3552	4552	5552	6552	7552	8552	9552	10552	11552	12552	13552	14552	-	-	X	
Circuit 2 Low Supply Air Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1553	2553	3553	4553	5553	6553	7553	8553	9553	10553	11553	12553	13553	14553	-	-	X	
Circuit 2 Liquid Line Temp Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1556	2556	3556	4556	5556	6556	7556	8556	9556	10556	11556	12556	13556	14556	-	-	X	
Circuit 2 Liquid Line Pressure Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1557	2557	3557	4557	5557	6557	7557	8557	9557	10557	11557	12557	13557	14557	-	-	X	
Circuit 2 Suction Temperature Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1561	2561	3561	4561	5561	6561	7561	8561	9561	10561	11561	12561	13561	14561	-	-	X	
Circuit 2 Suction Pressure Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1562	2562	3562	4562	5562	6562	7562	8562	9562	10562	11562	12562	13562	14562	-	-	X	
Circuit 2 Low Pressure	DiscreteInput	0-1	Off / On = 0 / 1	-	1563	2563	3563	4563	5563	6563	7563	8563	9563	10563	11563	12563	13563	14563	-	-	X	
Circuit 2 High Pressure	DiscreteInput	0-1	Off / On = 0 / 1	-	1564	2564	3564	4564	5564	6564	7564	8564	9564	10564	11564	12564	13564	14564	-	-	X	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Damper 2 Failed to Close	DiscreteInput	0-1	Off / On = 0 / 1	-	1565	2565	3565	4565	5565	6565	7565	8565	9565	10565	11565	12565	13565	14565	-	-	X	
Damper 2 Failed to Open	DiscreteInput	0-1	Off / On = 0 / 1	-	1566	2566	3566	4566	5566	6566	7566	8566	9566	10566	11566	12566	13566	14566	-	-	X	
Damper 3 Failed to Open	DiscreteInput	0-1	Off / On = 0 / 1	-	1567	2567	3567	4567	5567	6567	7567	8567	9567	10567	11567	12567	13567	14567	-	-	X	
Damper 3 Failed to Close	DiscreteInput	0-1	Off / On = 0 / 1	-	1568	2568	3568	4568	5568	6568	7568	8568	9568	10568	11568	12568	13568	14568	-	-	X	
Damper 4 Failed to Open	DiscreteInput	0-1	Off / On = 0 / 1	-	1569	2569	3569	4569	5569	6569	7569	8569	9569	10569	11569	12569	13569	14569	-	-	X	
Damper 4 Failed to Close	DiscreteInput	0-1	Off / On = 0 / 1	-	1570	2570	3570	4570	5570	6570	7570	8570	9570	10570	11570	12570	13570	14570	-	-	X	
Circuit 2 Freeze Temperature Sensor Fault	DiscreteInput	0-1	Off / On = 0 / 1	-	1571	2571	3571	4571	5571	6571	7571	8571	9571	10571	11571	12571	13571	14571	-	-	X	
Circuit 2 Freeze Condition	DiscreteInput	0-1	Off / On = 0 / 1	-	1572	2572	3572	4572	5572	6572	7572	8572	9572	10572	11572	12572	13572	14572	-	-	X	
Circuit 2 No Airflow Alarm	DiscreteInput	0-1	Off / On = 0 / 1	-	1573	2573	3573	4573	5573	6573	7573	8573	9573	10573	11573	12573	13573	14573	-	-	X	
Dirty Filter 2	DiscreteInput	0-1	Off / On = 0 / 1	-	1574	2574	3574	4574	5574	6574	7574	8574	9574	10574	11574	12574	13574	14574	-	-	X	
Dirty Filter 3	DiscreteInput	0-1	Off / On = 0 / 1	-	1575	2575	3575	4575	5575	6575	7575	8575	9575	10575	11575	12575	13575	14575	-	-	X	
Dirty Filter 4	DiscreteInput	0-1	Off / On = 0 / 1	-	1576	2576	3576	4576	5576	6576	7576	8576	9576	10576	11576	12576	13576	14576	-	-	X	
Circuit 2 EEV Low SuperHeat	DiscreteInput	0-1	Off / On = 0 / 1	-	1579	2579	3579	4579	5579	6579	7579	8579	9579	10579	11579	12579	13579	14579	-	-	X	
c.pCOe Offline	DiscreteInput	0-1	Off / On = 0 / 1	-	1596	2596	3596	4596	5596	6596	7596	8596	9596	10596	11596	12596	13596	14596	-	-	X	
Blower 1 Offline	DiscreteInput	0-1	Off / On = 0 / 1	-	1597	2597	3597	4597	5597	6597	7597	8597	9597	10597	11597	12597	13597	14597	-	-	X	
Blower 1 Trouble Alarm	DiscreteInput	0-1	Off / On = 0 / 1	-	1598	2598	3598	4598	5598	6598	7598	8598	9598	10598	11598	12598	13598	14598	-	-	X	
Blower 2 Offline	DiscreteInput	0-1	Off / On = 0 / 1	-	1599	2599	3599	4599	5599	6599	7599	8599	9599	10599	11599	12599	13599	14599	-	-	X	
Blower 2 Trouble Alarm	DiscreteInput	0-1	Off / On = 0 / 1	-	1600	2600	3600	4600	5600	6600	7600	8600	9600	10600	11600	12600	13600	14600	-	-	X	
Condenser Fan 1 Offline	DiscreteInput	0-1	Off / On = 0 / 1	-	1601	2601	3601	4601	5601	6601	7601	8601	9601	10601	11601	12601	13601	14601	-	-	X	
Fan 1 Trouble Alarm	DiscreteInput	0-1	Off / On = 0 / 1	-	1602	2602	3602	4602	5602	6602	7602	8602	9602	10602	11602	12602	13602	14602	-	-	X	
Condenser Fan 2 Offline	DiscreteInput	0-1	Off / On = 0 / 1	-	1603	2603	3603	4603	5603	6603	7603	8603	9603	10603	11603	12603	13603	14603	-	-	X	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Fan 2 Trouble Alarm	DiscreteInput	0-1	Off / On = 0 / 1	-	1604	2604	3604	4604	5604	6604	7604	8604	9604	10604	11604	12604	13604	14604	-	-	X	
Circuit 1 Low Return Air Temperature	DiscreteInput	0-1	Off / On = 0 / 1	-	1605	2605	3605	4605	5605	6605	7605	8605	9605	10605	11605	12605	13605	14605	-	-	X	
Blower or Fan Panel Open	DiscreteInput	0-1	Off / On = 0 / 1	-	1607	2607	3607	4607	5607	6607	7607	8607	9607	10607	11607	12607	13607	14607	-	-	X	
Compressor 1 Status	InputRegister	0-14	### = ###	-	1003	2003	3003	4003	5003	6003	7003	8003	9003	10003	11003	12003	13003	14003	X	X	X	SEE COMPRESSOR STATUS TABLE
Compressor 2 Status	InputRegister	0-14	### = ###	-	1004	2004	3004	4004	5004	6004	7004	8004	9004	10004	11004	12004	13004	14004	-	-	X	SEE COMPRESSOR STATUS TABLE
Mixed Air Temperature 1	InputRegister	N/A	###.# = ####	-	1011	2011	3011	4011	5011	6011	7011	8011	9011	10011	11011	12011	13011	14011	X	-	X	
Mixed Air Temperature 2	InputRegister	N/A	###.# = ####	-	1013	2013	3013	4013	5013	6013	7013	8013	9013	10013	11013	12013	13013	14013	-	-	X	
Zone	InputRegister	1-3	# = #	-	1014	2014	3014	4014	5014	6014	7014	8014	9014	10014	11014	12014	13014	14014	X	X	X	
Outdoor Air Temperature 1	InputRegister	N/A	###.# = ####	-	1015	2015	3015	4015	5015	6015	7015	8015	9015	10015	11015	12015	13015	14015	X	X	X	
Return Air Temperature 1	InputRegister	N/A	###.# = ####	-	1019	2019	3019	4019	5019	6019	7019	8019	9019	10019	11019	12019	13019	14019	X	X	X	
Outdoor Air Humidity 1	InputRegister	N/A	###.# = ####	-	1023	2023	3023	4023	5023	6023	7023	8023	9023	10023	11023	12023	13023	14023	X	X	X	
Evaporator Temperature 1	InputRegister	N/A	###.# = ####	-	1027	2027	3027	4027	5027	6027	7027	8027	9027	10027	11027	12027	13027	14027	X	-	-	
Blower 1 Speed	InputRegister	0-100%	### = ###	-	1034	2034	3034	4034	5034	6034	7034	8034	9034	10034	11034	12034	13034	14034	-	X	X	
Blower 2 Speed	InputRegister	0-100%	### = ###	-	1035	2035	3035	4035	5035	6035	7035	8035	9035	10035	11035	12035	13035	14035	-	-	X	
Dust Sensor 1	InputRegister	0-100%	### = ###	-	1040	2040	3040	4040	5040	6040	7040	8040	9040	10040	11040	12040	13040	14040	-	X	X	
Liquid Temperature 1	InputRegister	N/A	###.# = ####	-	1044	2044	3044	4044	5044	6044	7044	8044	9044	10044	11044	12044	13044	14044	-	X	X	
Liquid Temperature 2	InputRegister	N/A	###.# = ####	-	1045	2045	3045	4045	5045	6045	7045	8045	9045	10045	11045	12045	13045	14045	-	-	X	
Liquid Pressure 1	InputRegister	N/A	###.# = ####	-	1046	2046	3046	4046	5046	6046	7046	8046	9046	10046	11046	12046	13046	14046	-	X	X	
Liquid Pressure 2	InputRegister	N/A	###.# = ####	-	1047	2047	3047	4047	5047	6047	7047	8047	9047	10047	11047	12047	13047	14047	-	-	X	
Suction Pressure 1	InputRegister	N/A	###.# = ####	-	1048	2048	3048	4048	5048	6048	7048	8048	9048	10048	11048	12048	13048	14048	X	-	X	
Suction Pressure 2	InputRegister	N/A	###.# = ####	-	1049	2049	3049	4049	5049	6049	7049	8049	9049	10049	11049	12049	13049	14049	-	-	X	
Suction Temperature 1	InputRegister	N/A	###.# = ####	-	1050	2050	3050	4050	5050	6050	7050	8050	9050	10050	11050	12050	13050	14050	X	X	X	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Suction Temperature 2	InputRegister	N/A	###.# = ####	-	1051	2051	3051	4051	5051	6051	7051	8051	9051	10051	11051	12051	13051	14051	-	-	X	
Supply Air Temperature 1	InputRegister	N/A	###.# = ####	-	1052	2052	3052	4052	5052	6052	7052	8052	9052	10052	11052	12052	13052	14052	-	X	X	
Supply Air Temperature 2	InputRegister	N/A	###.# = ####	-	1053	2053	3053	4053	5053	6053	7053	8053	9053	10053	11053	12053	13053	14053	-	-	X	
Condenser Fan Speed 1	InputRegister	0-100%	### = ###	-	1056	2056	3056	4056	5056	6056	7056	8056	9056	10056	11056	12056	13056	14056	-	X	X	
Condenser Fan Speed 2	InputRegister	0-100%	### = ###	-	1057	2057	3057	4057	5057	6057	7057	8057	9057	10057	11057	12057	13057	14057	-	-	X	
Damper Position 1	InputRegister	0-100%	### = ###	-	1058	2058	3058	4058	5058	6058	7058	8058	9058	10058	11058	12058	13058	14058	X	X	X	
Damper Position 2	InputRegister	0-100%	### = ###	-	1059	2059	3059	4059	5059	6059	7059	8059	9059	10059	11059	12059	13059	14059	-	-	X	
Damper Position 3	InputRegister	0-100%	### = ###	-	1060	2060	3060	4060	5060	6060	7060	8060	9060	10060	11060	12060	13060	14060	-	-	X	
Damper Position 4	InputRegister	0-100%	### = ###	-	1061	2061	3061	4061	5061	6061	7061	8061	9061	10061	11061	12061	13061	14061	-	-	X	
Electronic Expansion Valve 1 Position	InputRegister	0-100%	### = ###	-	1062	2062	3062	4062	5062	6062	7062	8062	9062	10062	11062	12062	13062	14062	X	X	X	
Electronic Expansion Valve 2 Position	InputRegister	0-100%	### = ###	-	1063	2063	3063	4063	5063	6063	7063	8063	9063	10063	11063	12063	13063	14063	-	-	X	
Number of Cooling Stages	InputRegister	0-3	### = ###	-	1064	2064	3064	4064	5064	6064	7064	8064	9064	10064	11064	12064	13064	14064	X	X	X	
Number of Heating Stages	InputRegister	0-2	### = ###	-	1065	2065	3065	4065	5065	6065	7065	8065	9065	10065	11065	12065	13065	14065	X	X	X	
Number of Freecooling Stages	InputRegister	0-1	### = ###	-	1066	2066	3066	4066	5066	6066	7066	8066	9066	10066	11066	12066	13066	14066	X	X	X	
Outdoor Air Dewpoint	InputRegister	N/A	###.# = ####	-	1067	2067	3067	4067	5067	6067	7067	8067	9067	10067	11067	12067	13067	14067	X	X	X	
Dehumidification Type	InputRegister	0-3	### = ###	-	1068	2068	3068	4068	5068	6068	7068	8068	9068	10068	11068	12068	13068	14068	X	X	X	SEE DEHUM TABLE
Subcooling 1	InputRegister	N/A	### = ###	-	1071	2071	3071	4071	5071	6071	7071	8071	9071	10071	11071	12071	13071	14071	-	X	X	
Superheat 1	InputRegister	N/A	### = ###	-	1072	2072	3072	4072	5072	6072	7072	8072	9072	10072	11072	12072	13072	14072	X	X	X	
Superheat 2	InputRegister	N/A	### = ###	-	1073	2073	3073	4073	5073	6073	7073	8073	9073	10073	11073	12073	13073	14073	-	-	X	
Subcooling 2	InputRegister	N/A	### = ###	-	1076	2076	3076	4076	5076	6076	7076	8076	9076	10076	11076	12076	13076	14076	-	-	X	
Wall Unit Software Version X	InputRegister	N/A	### = ###	-	1080	2080	3080	4080	5080	6080	7080	8080	9080	10080	11080	12080	13080	14080	X	X	X	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Wall Unit Software Version Y	InputRegister	N/A	### = ###	-	1081	2081	3081	4081	5081	6081	7081	8081	9081	10081	11081	12081	13081	14081	X	X	X	
Wall Unit Software Version Z	InputRegister	N/A	### = ###	-	1082	2082	3082	4082	5082	6082	7082	8082	9082	10082	11082	12082	13082	14082	X	X	X	
Unit Runtime	InputRegister	N/A	### = ###	-	1083	2083	3083	4083	5083	6083	7083	8083	9083	10083	11083	12083	13083	14083	X	X	X	
Unit Starts	InputRegister	N/A	### = ###	-	1084	2084	3084	4084	5084	6084	7084	8084	9084	10084	11084	12084	13084	14084	X	X	X	
Fan 1 Runtime	InputRegister	N/A	### = ###	-	1085	2085	3085	4085	5085	6085	7085	8085	9085	10085	11085	12085	13085	14085	X	X	X	
Fan 1 Starts	InputRegister	N/A	### = ###	-	1086	2086	3086	4086	5086	6086	7086	8086	9086	10086	11086	12086	13086	14086	X	X	X	
Fan 2 Runtime	InputRegister	N/A	### = ###	-	1087	2087	3087	4087	5087	6087	7087	8087	9087	10087	11087	12087	13087	14087	X	X	X	
Fan 2 Starts	InputRegister	N/A	### = ###	-	1088	2088	3088	4088	5088	6088	7088	8088	9088	10088	11088	12088	13088	14088	X	X	X	
Blower 1 Runtime	InputRegister	N/A	### = ###	-	1089	2089	3089	4089	5089	6089	7089	8089	9089	10089	11089	12089	13089	14089	X	X	X	
Blower 1 Starts	InputRegister	N/A	### = ###	-	1090	2090	3090	4090	5090	6090	7090	8090	9090	10090	11090	12090	13090	14090	X	X	X	
Blower 2 Runtime	InputRegister	N/A	### = ###	-	1091	2091	3091	4091	5091	6091	7091	8091	9091	10091	11091	12091	13091	14091	X	X	X	
Blower 2 Starts	InputRegister	N/A	### = ###	-	1092	2092	3092	4092	5092	6092	7092	8092	9092	10092	11092	12092	13092	14092	X	X	X	
Freecooling 1 Runtime	InputRegister	N/A	### = ###	-	1093	2093	3093	4093	5093	6093	7093	8093	9093	10093	11093	12093	13093	14093	X	X	X	
Freecooling 1 Starts	InputRegister	N/A	### = ###	-	1094	2094	3094	4094	5094	6094	7094	8094	9094	10094	11094	12094	13094	14094	X	X	X	
Freecooling 2 Runtime	InputRegister	N/A	### = ###	-	1095	2095	3095	4095	5095	6095	7095	8095	9095	10095	11095	12095	13095	14095	X	X	X	
Freecooling 2 Starts	InputRegister	N/A	### = ###	-	1096	2096	3096	4096	5096	6096	7096	8096	9096	10096	11096	12096	13096	14096	X	X	X	
Compressor Stage 1 Runtime	InputRegister	N/A	### = ###	-	1097	2097	3097	4097	5097	6097	7097	8097	9097	10097	11097	12097	13097	14097	X	X	X	
Compressor Stage 1 Starts	InputRegister	N/A	### = ###	-	1098	2098	3098	4098	5098	6098	7098	8098	9098	10098	11098	12098	13098	14098	X	X	X	
Compressor Stage 2 Runtime	InputRegister	N/A	### = ###	-	1099	2099	3099	4099	5099	6099	7099	8099	9099	10099	11099	12099	13099	14099	X	X	X	
Compressor Stage 2 Starts	InputRegister	N/A	### = ###	-	1100	2100	3100	4100	5100	6100	7100	8100	9100	10100	11100	12100	13100	14100	X	X	X	
Compressor Stage 3 Runtime	InputRegister	N/A	### = ###	-	1101	2101	3101	4101	5101	6101	7101	8101	9101	10101	11101	12101	13101	14101	X	X	X	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Compressor Stage 3 Starts	InputRegister	N/A	### = ###	-	1102	2102	3102	4102	5102	6102	7102	8102	9102	10102	11102	12102	13102	14102	X	X	X	
Compressor 4 Runtime	InputRegister	N/A	### = ###	-	1103	2103	3103	4103	5103	6103	7103	8103	9103	10103	11103	12103	13103	14103	X	X	X	
Compressor 4 Starts	InputRegister	N/A	### = ###	-	1104	2104	3104	4104	5104	6104	7104	8104	9104	10104	11104	12104	13104	14104	X	X	X	
Electric Heat Stage 1 Runtime	InputRegister	N/A	### = ###	-	1105	2105	3105	4105	5105	6105	7105	8105	9105	10105	11105	12105	13105	14105	X	X	X	
Electric Heat Stage 1 Starts	InputRegister	N/A	### = ###	-	1106	2106	3106	4106	5106	6106	7106	8106	9106	10106	11106	12106	13106	14106	X	X	X	
Electric Heat Stage 2 Runtime	InputRegister	N/A	### = ###	-	1107	2107	3107	4107	5107	6107	7107	8107	9107	10107	11107	12107	13107	14107	X	X	X	
Electric Heat Stage 2 Starts	InputRegister	N/A	### = ###	-	1108	2108	3108	4108	5108	6108	7108	8108	9108	10108	11108	12108	13108	14108	X	X	X	
Electric Heat Stage 3 Runtime	InputRegister	N/A	### = ###	-	1109	2109	3109	4109	5109	6109	7109	8109	9109	10109	11109	12109	13109	14109	X	X	X	
Electric Heat Stage 3 Starts	InputRegister	N/A	### = ###	-	1110	2110	3110	4110	5110	6110	7110	8110	9110	10110	11110	12110	13110	14110	X	X	X	
Electric Heat Stage 4 Runtime	InputRegister	N/A	### = ###	-	1111	2111	3111	4111	5111	6111	7111	8111	9111	10111	11111	12111	13111	14111	X	X	X	
Electric Heat Stage 4 Starts	InputRegister	N/A	### = ###	-	1112	2112	3112	4112	5112	6112	7112	8112	9112	10112	11112	12112	13112	14112	X	X	X	
Unit Lifetime Hours	InputRegister	N/A	### = ###	-	1113	2113	3113	4113	5113	6113	7113	8113	9113	10113	11113	12113	13113	14113	X	X	X	
Blower 1 Lifetime Hours	InputRegister	N/A	### = ###	-	1115	2115	3115	4115	5115	6115	7115	8115	9115	10115	11115	12115	13115	14115	X	X	X	
Blower 2 Lifetime Hours	InputRegister	N/A	### = ###	-	1117	2117	3117	4117	5117	6117	7117	8117	9117	10117	11117	12117	13117	14117	X	X	X	
Fan 1 Lifetime Hours	InputRegister	N/A	### = ###	-	1119	2119	3119	4119	5119	6119	7119	8119	9119	10119	11119	12119	13119	14119	X	X	X	
Fan 2 Lifetime Hours	InputRegister	N/A	### = ###	-	1121	2121	3121	4121	5121	6121	7121	8121	9121	10121	11121	12121	13121	14121	X	X	X	
Compressor Stage 1 Lifetime Hours	InputRegister	N/A	### = ###	-	1123	2123	3123	4123	5123	6123	7123	8123	9123	10123	11123	12123	13123	14123	X	X	X	
Compressor Stage 2 Lifetime Hours	InputRegister	N/A	### = ###	-	1125	2125	3125	4125	5125	6125	7125	8125	9125	10125	11125	12125	13125	14125	X	X	X	
Compressor Stage 3 Lifetime Hours	InputRegister	N/A	### = ###	-	1127	2127	3127	4127	5127	6127	7127	8127	9127	10127	11127	12127	13127	14127	X	X	X	
Compressor Stage 4 Lifetime Hours	InputRegister	N/A	### = ###	-	1129	2129	3129	4129	5129	6129	7129	8129	9129	10129	11129	12129	13129	14129	X	X	X	
Electric Heat Stage 1 Lifetime Hours	InputRegister	N/A	### = ###	-	1131	2131	3131	4131	5131	6131	7131	8131	9131	10131	11131	12131	13131	14131	X	X	X	

Name	Type	Range	Format	LC6000	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12	Unit 13	Unit 14	MULTI-TEC	WR FUSION-TEC	MEGA-TEC	Notes
Electric Heat Stage 2 Lifetime Hours	InputRegister	N/A	### = ###	-	1133	2133	3133	4133	5133	6133	7133	8133	9133	10133	11133	12133	13133	14133	X	X	X	
Electric Heat Stage 3 Lifetime Hours	InputRegister	N/A	### = ###	-	1135	2135	3135	4135	5135	6135	7135	8135	9135	10135	11135	12135	13135	14135	X	X	X	
Electric Heat Stage 4 Lifetime Hours	InputRegister	N/A	### = ###	-	1137	2137	3137	4137	5137	6137	7137	8137	9137	10137	11137	12137	13137	14137	X	X	X	
Freecooling 1 Lifetime Hours	InputRegister	N/A	### = ###	-	1139	2139	3139	4139	5139	6139	7139	8139	9139	10139	11139	12139	13139	14139	X	X	X	
Freecooling 2 Lifetime Hours	InputRegister	N/A	### = ###	-	1141	2141	3141	4141	5141	6141	7141	8141	9141	10141	11141	12141	13141	14141	X	X	X	
Unit Type	InputRegister	2-5	### = ###	-	1143	2143	3143	4143	5143	6143	7143	8143	9143	10143	11143	12143	13143	14143	X	X	X	
Unit Status	InputRegister	0-31	### = ###	-	1154	2154	3154	4154	5154	6154	7154	8154	9154	10154	11154	12154	13154	14154	X	X	X	SEE UNIT STATUS MESSAGE TABLE

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ProtoNode FPC-N54 BACnet/SNMP Gateway (Bard P/N 8620-350)

IMPORTANT

The ProtoNode Field Server Bard P/N 8620-350 is custom programmed to be used with the LC6000 controller. Purchasing a non-Bard Field Server without the custom programming required by the LC6000 may lead to equipment damage or unit malfunction.

Installing the ProtoNode FPC-N54 BACnet/SNMP Gateway in LC6000

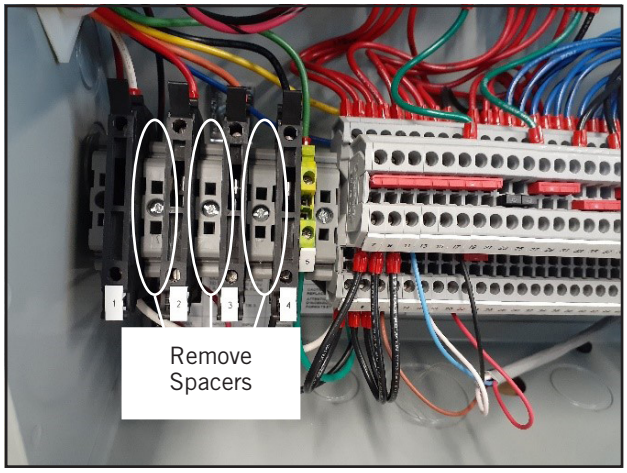
Disconnect power from the LC6000 before beginning this installation.

Tools required:

- Philips screwdriver
- Precision flat head screwdriver

Locate the gray spacers between the fuse terminal blocks located on the bottom DIN rail (see Figure 7) and loosen the center screw of the spacer fully. Carefully lift up on the bottom of the spacer once the screw has been fully loosened, rotate the spacer up and away from the DIN rail. Once the spacers between fuse terminal blocks 1-4 have been removed, slide terminal blocks 2-4 along with the grounding terminal all the way to the left leaving a void on the DIN rail.

FIGURE 7
Remove Spacers from DIN Rail



Once the terminal blocks have been slid over, attach the gateway to the DIN rail. The DIN mount on the gateway is spring loaded and requires the bottom of the mount to engage the DIN rail first. Then while applying upward pressure on the Field Server gateway compressing the spring, rotate the top of the gateway into position on the DIN rail and release. The gateway is now locked into position (see Figure 8).

The supplied power wire harness can now be connected to the gateway by simply plugging the 3-pin Phoenix connector into the top of the gateway (see Figure 9). Route the power harness behind the DIN rail and back up to the 24V terminal blocks on the upper DIN rail of the LC6000 and attach the red with white tracer wire from the harness to terminal 73 (see Figure 4). Next connect the black with white tracer wire from the harness to terminal 75 (Figure 10).

FIGURE 8
Gateway Installed on DIN Rail

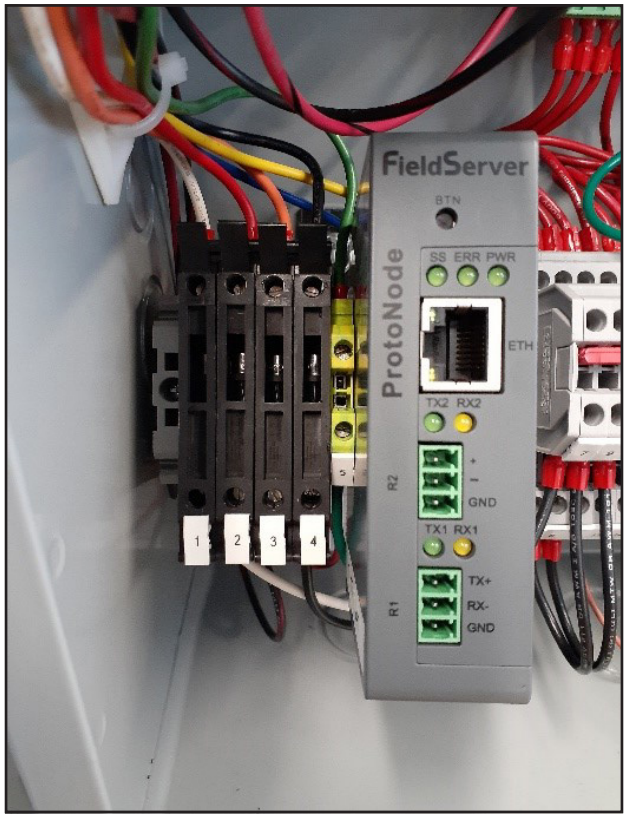


FIGURE 9
Plug 3-Pin Phoenix Connector into Gateway

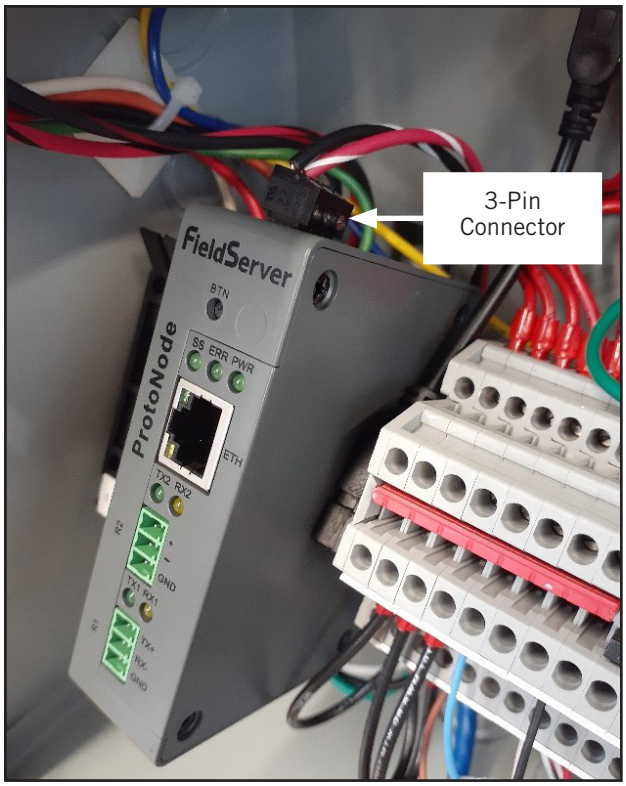


FIGURE 10
Connect 24V Wires

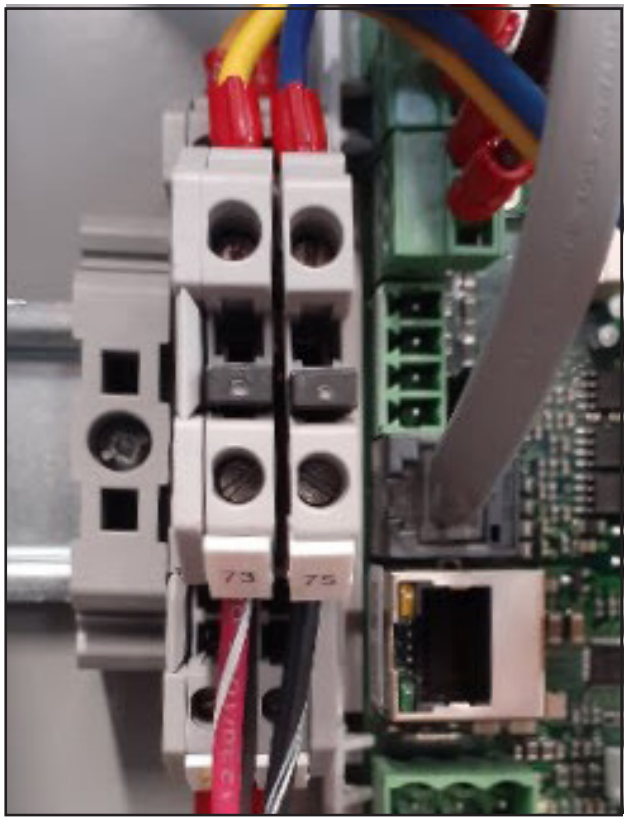


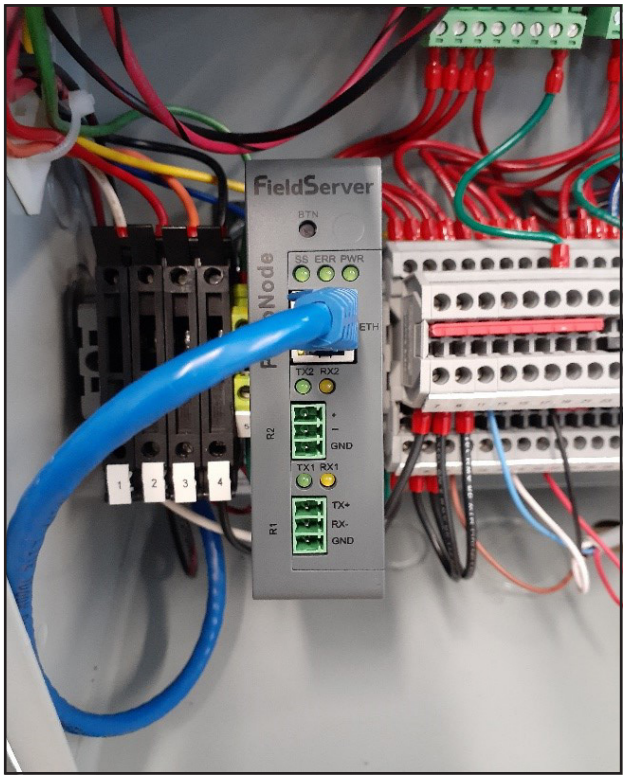
FIGURE 11
Transformer Mounted to DIN Rail

FIGURE 12
Transformer Removed

If the gateway is being installed in an older model LC6000 with the transformer attached to the upper DIN rail (Figure 11), the transformer will need to be removed to gain access to the 24V terminal blocks behind the transformer (Figure 12). Once the power harness wires have been connected to the 24V terminal blocks, reattach the transformer onto the DIN rail, if necessary. If the gateway is being installed in the latest model LC6000, the transformer will be mounted above the DIN rail to the side of the enclosure, providing access to the 24V terminal blocks in as shown in Figure 10.

Finally the Ethernet cable can now be connected to the front of the gateway (see Figure 13 on page 24). Once the Ethernet cable has been plugged in, the LC6000 can now be powered back on.

FIGURE 13
Connect Ethernet Cable



Start-Up Guide: Bard P/N 8620-350
For Interfacing Bard HVAC Products

MSAsafety.com

Technical Support

Thank you for purchasing the ProtoNode for Bard HVAC.

Please call Bard HVAC for technical support of the ProtoNode product.

MSA Safety does not provide direct support. If Bard HVAC needs to escalate the concern, they will contact MSA Safety for assistance.

Support Contact Information:

Bard HVAC
1914 Randolph Dr
Bryan, OH 43506

Customer Service:
(419) 636-1194

Email: bard@bardhvac.com

Website: www.bardhvac.com

Quick Start Guide

1. Record the information about the unit. **(Section 2.1)**
2. Check that the ProtoNode and customer device COM settings match. **(Section 2.3)**
3. If using a serial field protocol:
   Connect the ProtoNode 3 pin RS-485 R2 port to the field protocol cabling. **(Section 3.1)**
4. Connect power to ProtoNode 3 pin power port. **(Section 3.4)**
5. Connect a PC to the ProtoNode via Ethernet cable. **(Section 4)**
6. Setup Web Server Security and login via web browser. **(Section 5)**
7. Use a web browser to access the ProtoNode Web Configurator page to select the profile of the device attached to the ProtoNode and enter any necessary device information. Once the device is selected, the ProtoNode automatically builds and loads the appropriate configuration. **(Section 6.2)**
8. Ethernet Network: If using an Ethernet field protocol, use a web browser to access the ProtoNode Web Configurator page to change the IP Address. **(Section 6.4)**

Contents

Figures

IMPORTANT

The ProtoNode Field Server Bard P/N 8620-350 is custom programmed to be used with the LC6000 controller. Purchasing a non-Bard Field Server without the custom programming required by the LC6000 may lead to equipment damage or unit malfunction.

Description

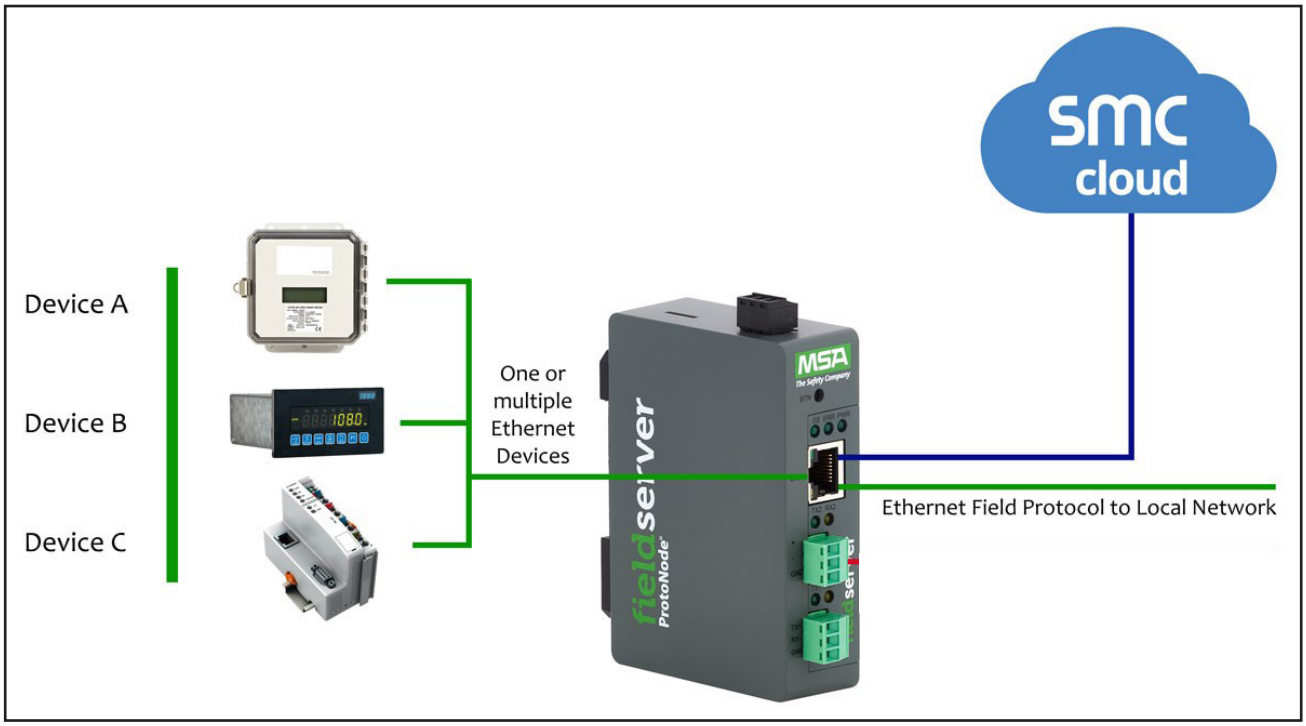
1 Introduction

1.1 ProtoNode Gateway

The ProtoNode is an external, high performance building automation multi-protocol gateway that is preconfigured to automatically communicate between Bard HVAC's devices (hereafter simply called "device") connected to the ProtoNode and automatically configures them for BACnet/IP, BACnet MS/TP and SNMP.

It is not necessary to download any configuration files to support the required applications. The ProtoNode is pre-loaded with tested profiles/configurations for the supported devices.

FPC-N54 Connectivity Diagram



The ProtoNode can connect with the SMC Cloud. The SMC Cloud allows technicians, the OEM's support team and MSA Safety's support team to remotely connect to the ProtoNode. The SMC Cloud provides the following capabilities for any registered devices in the field:

- Remotely monitor and control devices.
- Collect device data and view it on the SMC Cloud Dashboard and the SMC Smart Phone App.
- Create user defined device notifications (alarm, trouble and warning) via SMS and/or Email.
- Generate diagnostic captures (as needed for troubleshooting) without going to the site.

For more information about the SMC Cloud, refer to the SMC Cloud Start-up Guide.

2 Setup for ProtoNode

2.1 Record Identification Data

Each ProtoNode has a unique part number located on the side or the back of the unit. This number should be recorded, as it may be required for technical support. The numbers are as follows:

ProtoNode Part Number	
Model	**Part Number**
ProtoNode	FPC-N54-2095

- FPC-N54 units have the following 3 ports: RS-485 + Ethernet + RS-485/RS-232

2.2 Point Count Capacity

The total number of registers presented the device(s) attached to the ProtoNode cannot exceed:

Supported Point Count Capacity	
Part Number	**Total Registers**
FPC-N54-2095	5000

Points per Device	
Device	**Point Count per Device**
LC6000	2631

2.3 Configuring Device Communications

2.3.1 Set Node-ID for Any Device Attached to the ProtoNode

- Set Node-ID for any device attached to ProtoNode. The Node-ID needs to be uniquely assigned between 1 and 255.
- Document the Node-ID that is assigned. The Node-ID assigned is used for deriving the Device Instance for BACnet/IP and BACnet MS/TP. (Section 6.5)

2.3.2 Set IP Address for Any Ethernet Device Connected to the ProtoNode

- Ensure any device is set to Modbus TCP/IP to communicate with the ProtoNode.
- The device needs to be on the same IP subnet as the ProtoNode and the configuration PC.
- Record the following device information to start the setup:
  - IP Address
  - IP port
  - TCP_ID

NOTE: *This information is required for Section 6.2.*

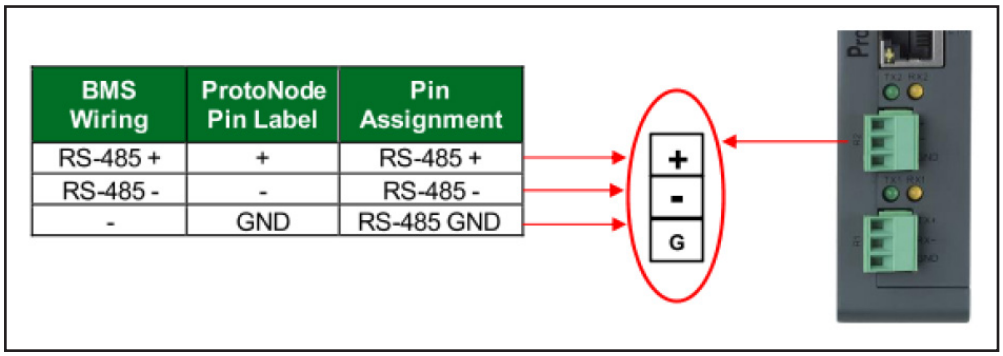
IMPORTANT

Bard does not support RS485 serial connection and these connections will be unused.

3.1 Wiring Field Port to RS-485 Serial Network

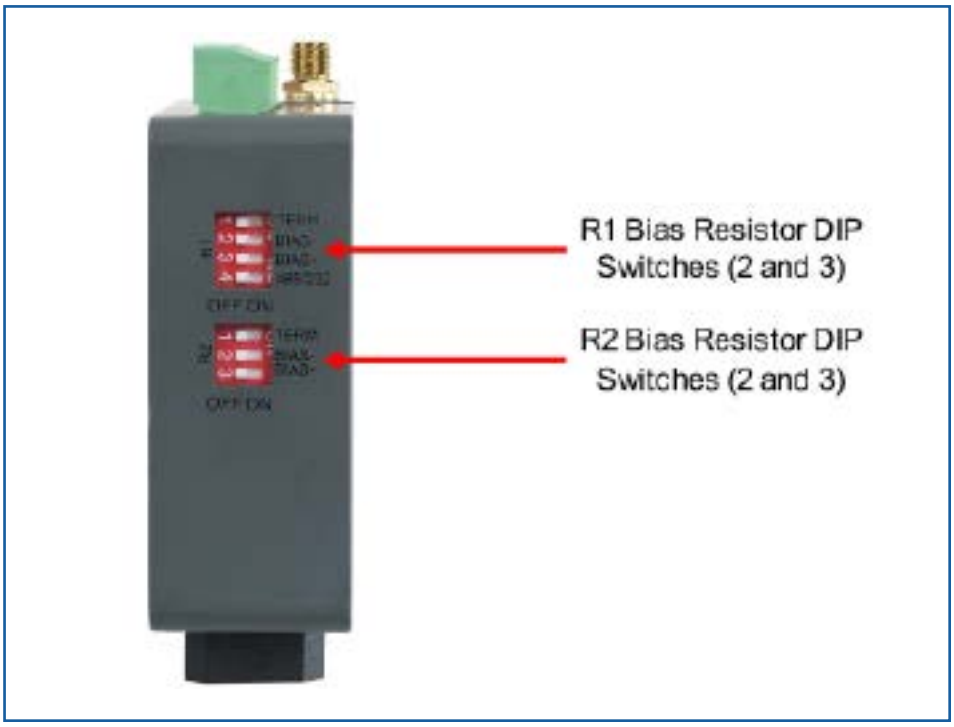
- Connect the RS-485 network wires to the 3-pin RS-485 connector on the R2 port (see below).
  - Use standard grounding principles for RS-485 GND
- See Section 4 for information on connecting to an Ethernet network.

Connection from ProtoNode to RS-485 Field Network



3.2 Bias Resistors (*UNUSED*)

Bias Resistor DIP Switches



To enable Bias Resistors, move both the BIAS- and BIAS+ dip switches to the right as shown above.

The ProtoNode bias resistors are used to keep the RS-485 bus to a known state, when there is no transmission on the line (bus is idling), to help prevent false bits of data from being detected. The bias resistors typically pull one line high and the other low—far away from the decision point of the logic.

The bias resistor is 510 ohms which is in line with the BACnet spec. It should only be enabled at one point on the bus (for example, on the field port were there are very weak bias resistors of 100k). Since there are no jumpers, many gateways can be put on the network without running into the bias resistor limit which is < 500 ohms.

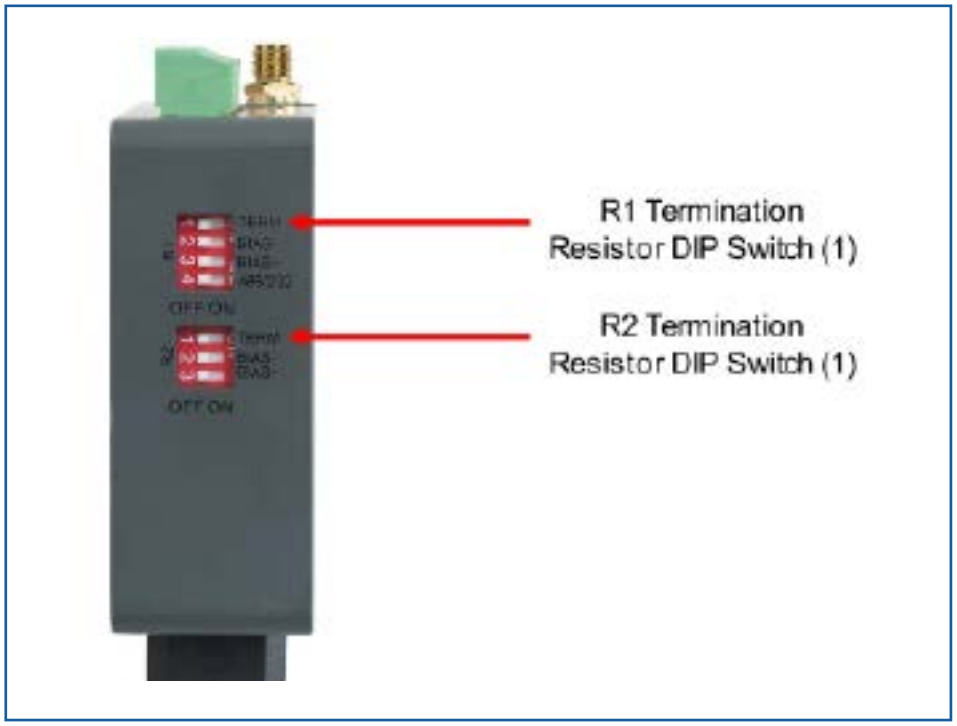
NOTE: *See www.ni.com/support/serial/resinfo.htm for additional pictures and notes.*

NOTE: *The R1 and R2 DIP Switches apply settings to the respective serial port.*

NOTE: *If the gateway is already powered on, DIP switch settings will not take effect unless the unit is power cycled.*

3.3 Termination Resistor (*UNUSED*)

Termination Resistor DIP Switch



If the ProtoNode is the last device on the serial trunk, then the End-Of-Line Termination Switch needs to be enabled. To enable the Termination Resistor, move the TERM dip switch to the right as shown above.

Termination resistor is also used to reduce noise. It pulls the two lines of an idle bus together. However, the resistor would override the effect of any bias resistors if connected.

NOTE: *The R1 and R2 DIP Switches apply settings to the respective serial port.*

NOTE: *If the gateway is already powered on, DIP switch settings will not take effect unless the unit is power cycled.*

3.4 Power-Up ProtoNode

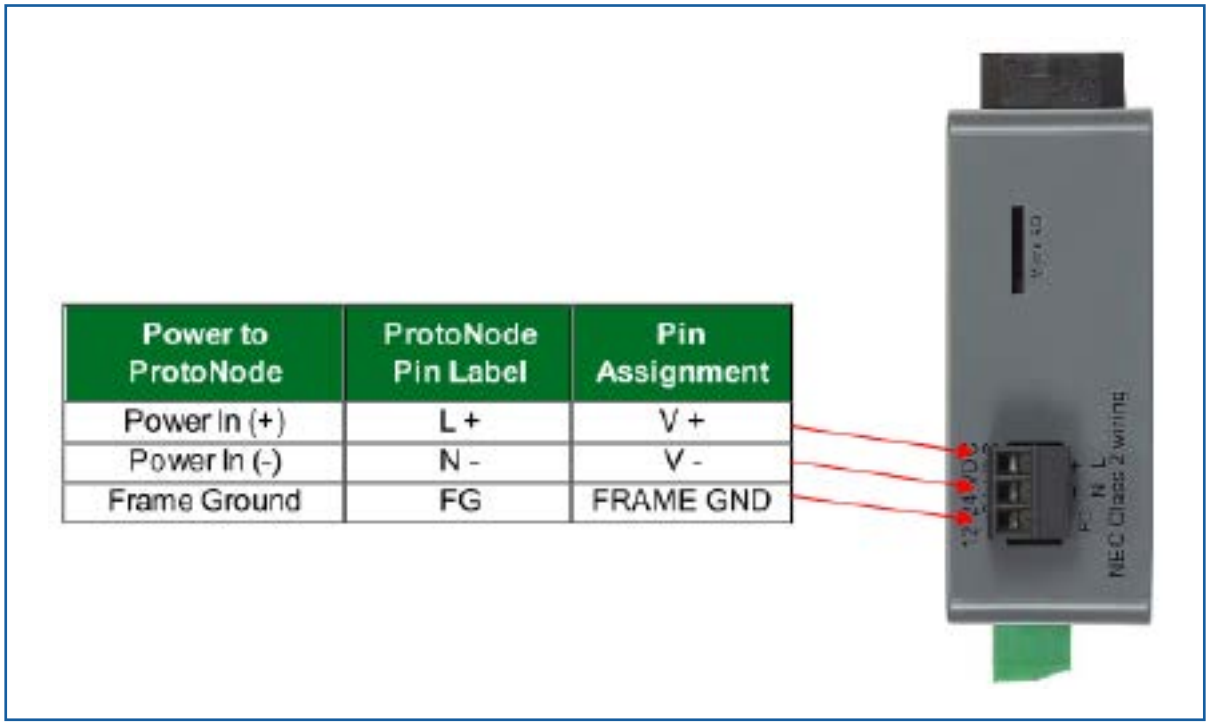
Check power requirements in the table below:

Required Current Draw for the ProtoNode		
Power Requirements for ProtoNode External Gateway		
	Current Draw Type	
ProtoNode Family	**12VDC**	**24VDC/AC**
FPC-N54 (Typical)	250mA	125mA
NOTE: *These values are 'nominal' and a safety margin should be added to the power supply of the host system. A safety margin of 25% is recommended.*		

Apply power to the ProtoNode as shown below. Ensure that the power supply used complies with the specifications provided in Section 11.

- The ProtoNode accepts 9-30VDC or 24VAC on pins L+ and N-.
- Frame GND should be connected.

Power Connections



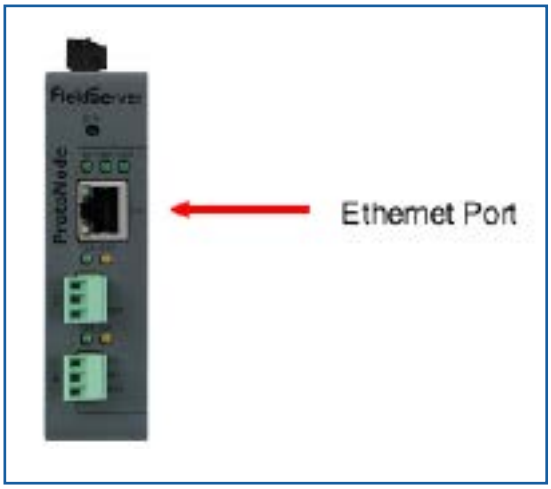
Setup Web Server Security

4 Connect the PC to the ProtoNode

4.1 Connecting to the Gateway via Ethernet

Connect a Cat-5 Ethernet cable (straight through or cross-over) between the local PC and ProtoNode.

Ethernet Port Location



4.1.1 Changing the Subnet of the Connected PC

The default IP Address for the ProtoNode is 192.168.1.24, Subnet Mask is 255.255.255.0. If the PC and ProtoNode are on different IP networks, assign a static IP Address to the PC on the 192.168.1.xxx network.

For Windows 10:

- Find the search field in the local computer's taskbar (usually to the right of the windows icon) and type in "Control Panel".
- Click "Control Panel", click "Network and Internet" and then click "Network and Sharing Center".
- Click "Change adapter settings" on the left side of the window.
- Right-click on "Local Area Connection" and select "Properties" from the dropdown menu.
- Highlight Internet Protocol Version 4 (TCP/IPv4) and then click the Properties button.
- Select and enter a static IP Address on the same subnet. For example:

- Click the Okay button to close the Internet Protocol window and the Close button to close the Ethernet Properties window.

5 Setup Web Server Security

Navigate to the IP Address of the ProtoNode on the local PC by opening a web browser and entering the IP Address of the ProtoNode; the default Ethernet address is 192.168.1.24.

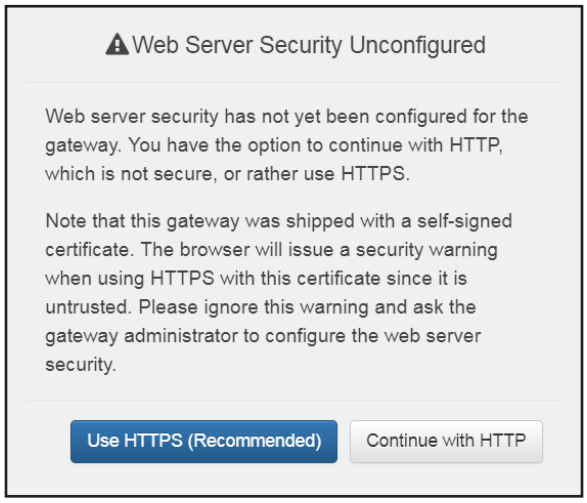
NOTE: *If the IP Address of the ProtoNode has been changed, the assigned IP Address can be discovered using the FS Toolbox utility. See Section 8.1 for instructions.*

5.1 Login to the FieldServer

The first time the FieldServer GUI is opened in a browser, the IP Address for the gateway will appear as untrusted. This will cause the following pop-up windows to appear.

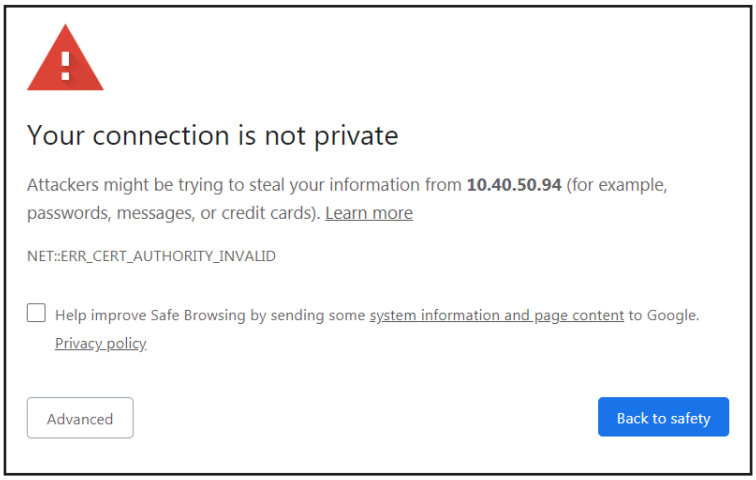
- When the Web Server Security Unconfigured window appears, read the text and choose whether to move forward with HTTPS or HTTP.

Web Server Security Unconfigured Window



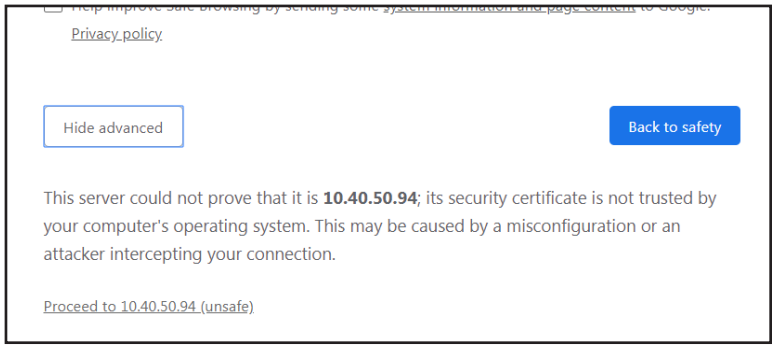
- When the warning that "Your connection is not private" appears, click the advanced button on the bottom left corner of the screen.

Connection Not Private Warning



- Additional text will expand below the warning, click the underlined text to go to the IP Address. In the example below this text is “Proceed to 10.40.50.94 (unsafe)”.

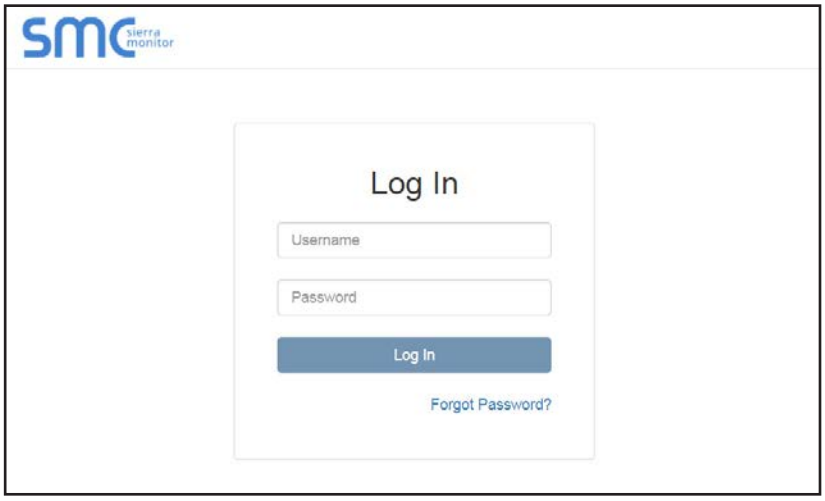
Warning Expanded Text



- When the login screen appears, put in the Username (default is “admin”) and the Password (found on the label of the FieldServer).

NOTE: *There is also a QR code in the top right corner of the FieldServer label that shows the default unique password when scanned.*

FieldServer Login



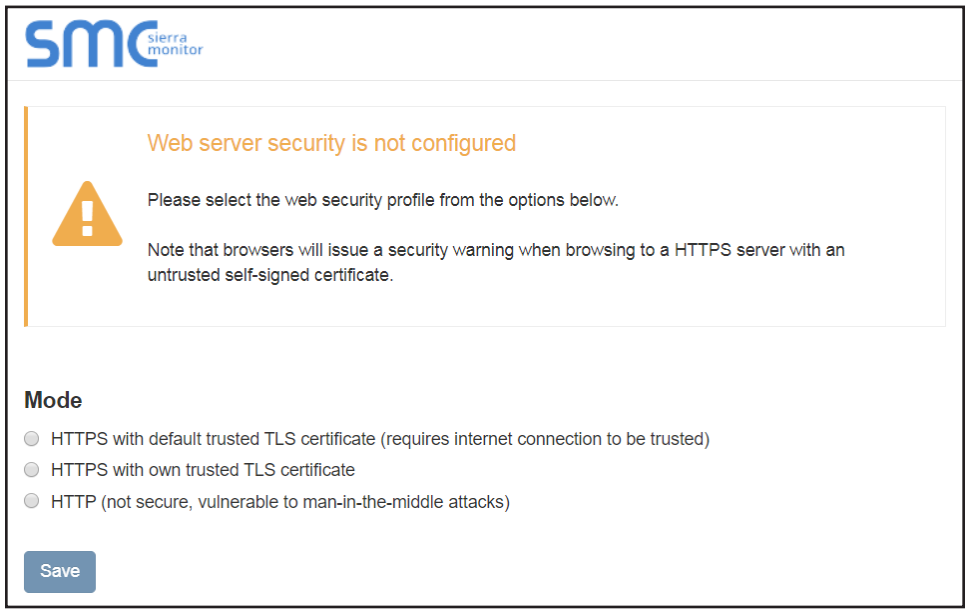
NOTE: *A user has 5 attempts to login then there will be a 10-minute lockout. There is no timeout on the FieldServer to enter a password.*

NOTE: *To create individual user logins, go to Section 9.7.*

5.2 Select the Security Mode

On the first login to the FieldServer, the following screen will appear that allows the user to select which mode the FieldServer should use.

Security Mode Selection Screen



NOTE: *Cookies are used for authentication.*

NOTE: *To change the web server security mode after initial setup, go to Section 9.1.*

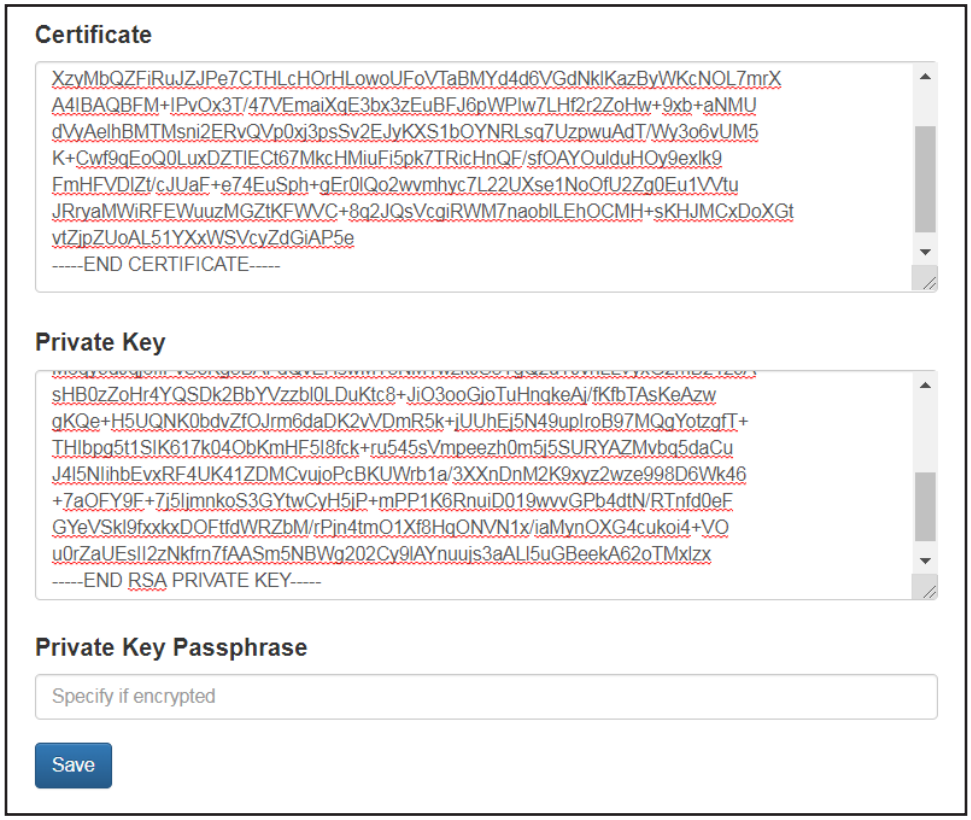
The sections that follow include instructions for assigning the different security modes.

5.2.1 HTTPS with Own Trusted TLS Certificate

This is the recommended selection and the most secure. Please contact the IT department to find out if a TLS certificate can be obtained from the company before proceeding with the Own Trusted TLS Certificate option.

- Once this option is selected, the Certificate, Private Key and Private Key Passphrase fields will appear under the mode selection.

Security Mode Selection Screen – Certificate and Private Key



- Copy and paste the Certificate and Private Key text into their respective fields. If the Private Key is encrypted type in the associated Passphrase.
- Click Save.
- A “Redirecting” message will appear. After a short time, the FieldServer GUI will open.

5.2.2 HTTPS with Default Untrusted Self-Signed TLS Certificate or HTTP with Built in Payload Encryption

- Select one of these options and click the Save button.
- A “Redirecting” message will appear. After a short time, the FieldServer GUI will open.

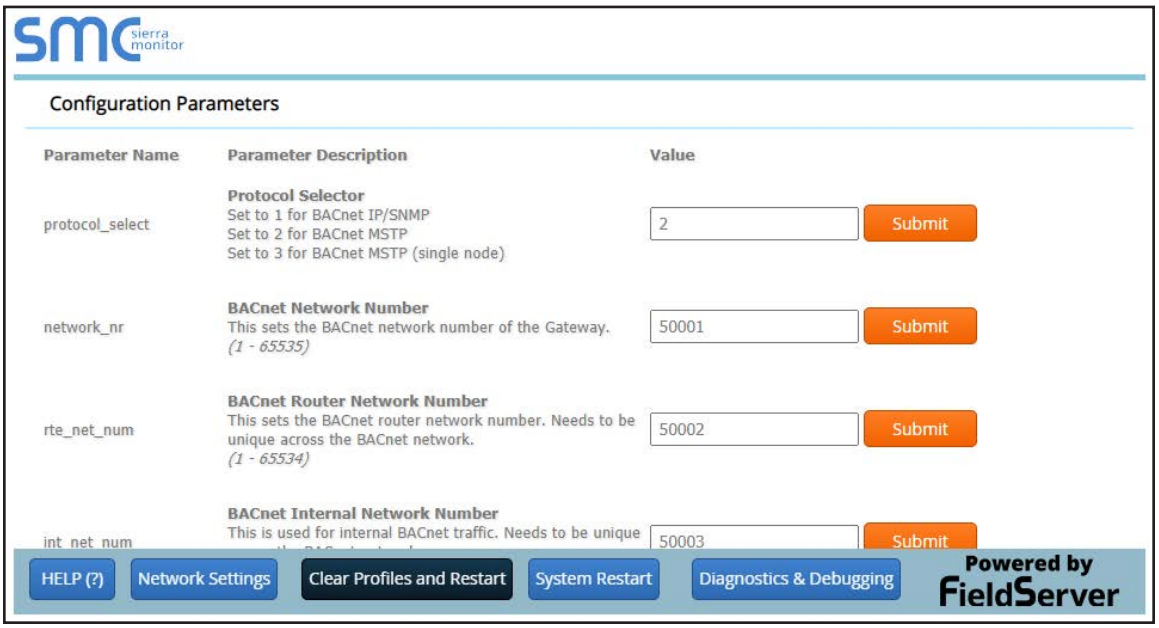
Configuring the Gateway

6 Configure the ProtoNode

6.1 Select Field Protocol and Set Configuration Parameters

- On the Web Configurator page, the first configuration parameter is the Protocol Selector.

Web Configurator Showing Protocol Selector Parameter



- Select the field protocol by entering the appropriate number into the Protocol Selector Value. Click the Submit button. Click the System Restart button to save the updated configuration.

NOTE: *Protocol specific parameters are only visible when the associated protocol is selected.*

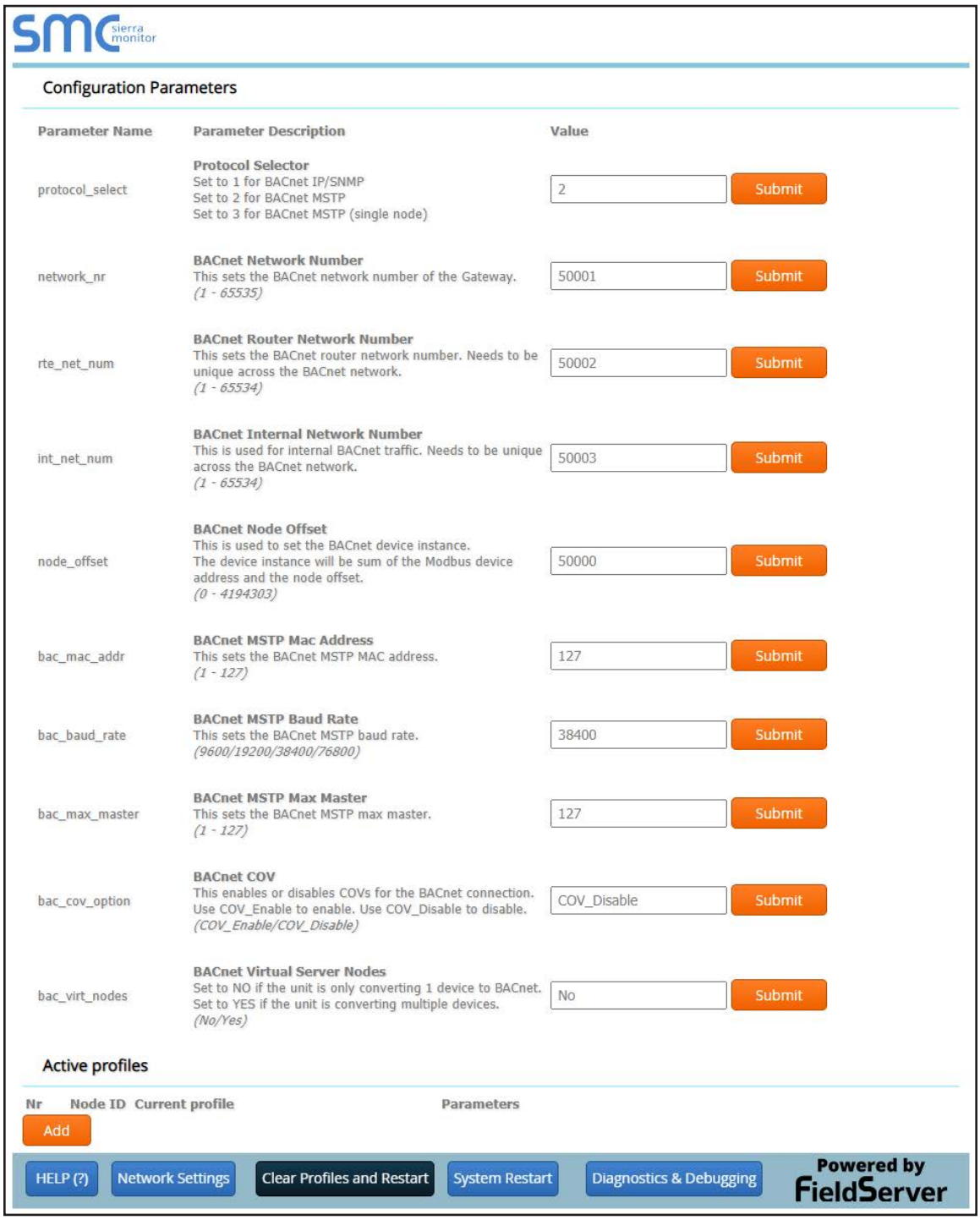
- Ensure that all parameters are entered for successful operation of the gateway. Find the legal value options for each parameter under the Parameter Description in parentheses.

NOTE: *If multiple devices are connected to the ProtoNode, set the BACnet Virtual Server Nodes field to "Yes"; otherwise leave the field on the default "No" setting.*

6.2 Setting ProtoNode Active Profiles

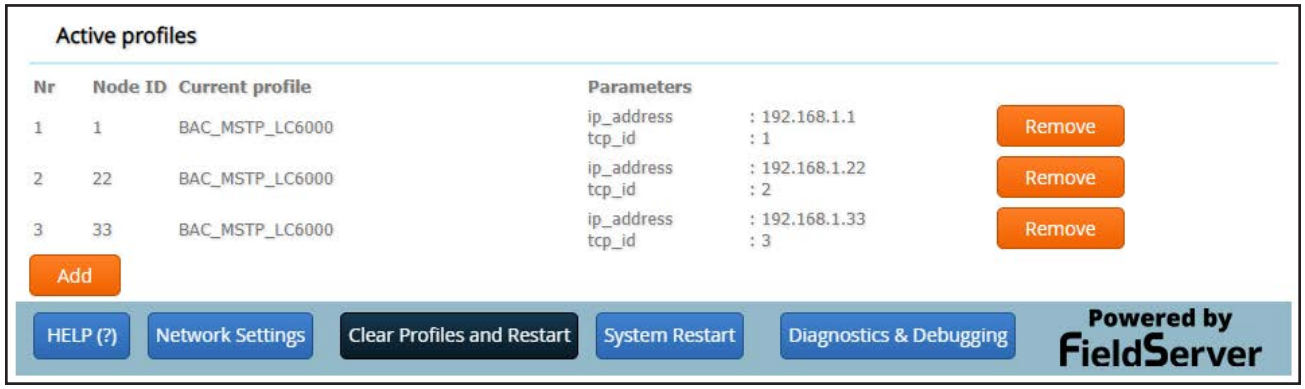
- In the Web Configurator, the Active Profiles are shown below the configuration parameters (see below). The Active Profiles section lists the currently active device profiles, including previous Web Configurator additions. This list is empty for new installations, or after clearing all configurations.

Web Configurator Showing No Active Profiles



- To add an active profile to support a device, click the Add button under the Active Profiles heading. This will present a profile drop-down menu underneath the Current profile column.
- Once the Profile for the device has been selected from the drop-down list, enter the value of the device's Node-ID which was assigned in Section 2.3.1.
- If the device is connected via Modbus TCP/IP, enter the "ip_address" and "tcp_id" under the Parameters heading. These are gathered from settings on the device and correspond to the device IP Address and TCP_ ID. (Section 2.3.2)
- Then press the "Submit" button to add the Profile to the list of devices to be configured.
- Repeat this process until all the devices have been added.
- Completed additions are listed under "Active profiles" as shown below.

Web Configurator Showing Active Profile Additions



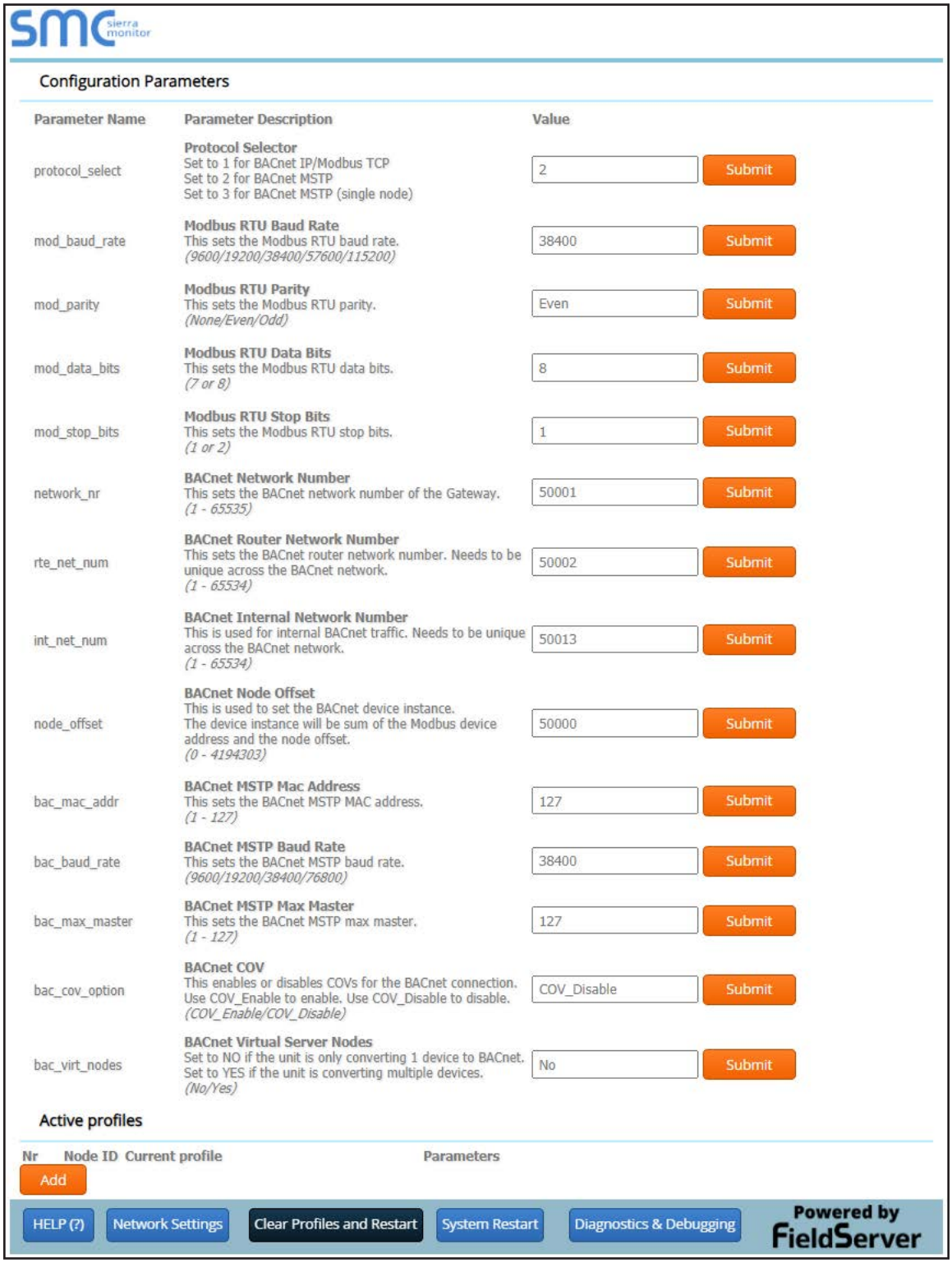
6.3 Verify Device Communications

- If using a serial connection, check that the port R1 TX1 and RX1 LEDs are rapidly flashing. See Section 8.4 for additional LED information and images.
- Confirm the software shows good communications without errors (Section 8.2).

6.4 Ethernet Network: Setting IP Address for the Field Network

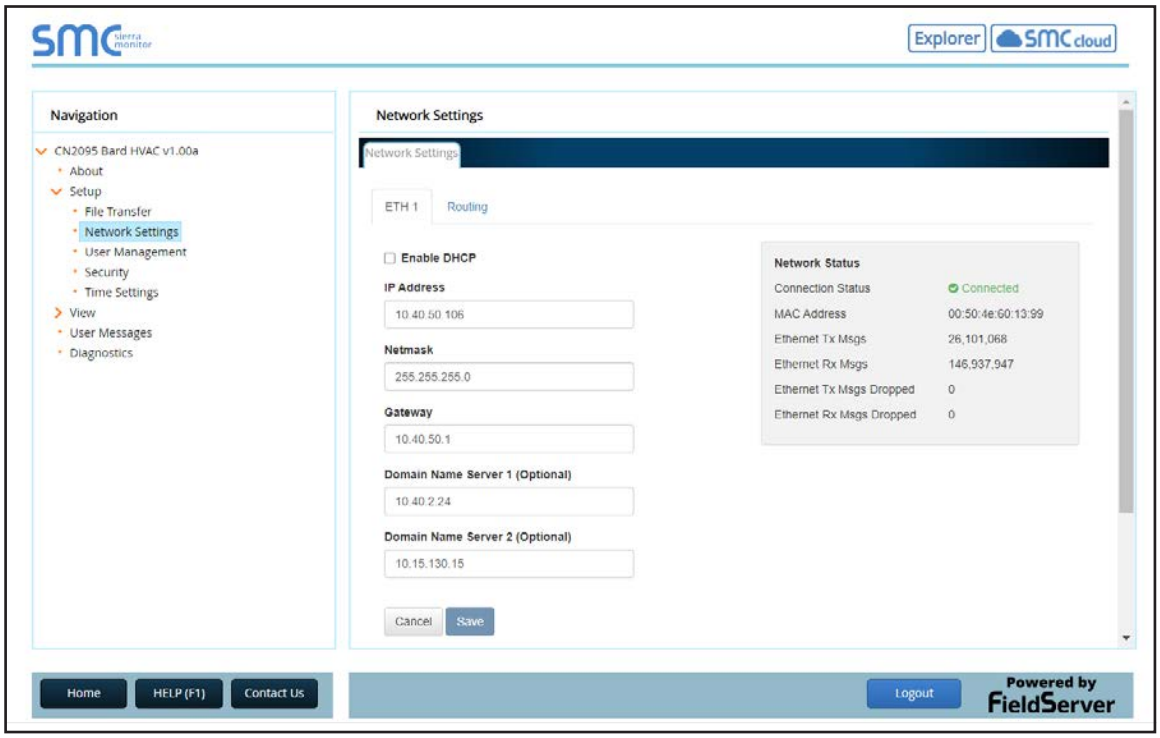
- Follow the steps outlined in Section 5.1 to access the ProtoNode Web Configurator.
- To access the FS-GUI, click the "Diagnostics & Debugging" button at the bottom of the page (see below).

Web Configurator Screen



- From the FS-GUI landing page, click on “Setup” to expand the navigation tree and then select “Network Settings” to access the IP Settings menu (see below).

Changing IP Address via FS-GUI



- Modify the IP Address (N1 IP Address field) of the ProtoNode Ethernet port.
- If necessary, change the Netmask (N1 Netmask field).
- If necessary, change the IP Gateway (Default Gateway field).

NOTE: *If the ProtoNode is connected to a managed switch/router, the IP Gateway of the ProtoNode should be set to the IP Address of that managed switch/router.*

- Click the “System Restart” button at the bottom of the page to apply changes and restart the ProtoNode.
- Unplug Ethernet cable from PC and connect it to the network switch or router.
- Record the IP Address assigned to the ProtoNode for future reference.

NOTE: *The SMC Cloud button (see above) allows users to connect to the SMC Cloud, MSA Safety’s device cloud solution for IIoT. The SMC Cloud enables secure remote connection to field devices through a FieldServer and its local applications for configuration, management, maintenance. For more information about the SMC Cloud, refer to the SMC Cloud Start-up Guide.*

NOTE: *Once the IP has been changed, a new browser tab will need to be opened using the new IP address to continue the configuration.*

6.5 BACnet: Setting Node_Offset to Assign Specific Device Instances

- Follow the steps outlined in Section 5.1 to access the ProtoNode Web Configurator.
- Node_Offset field shows the current value (default = 50,000).
  - The values allowed for a BACnet Device Instance can range from 1 to 4,194,303
- To assign a specific Device Instance (or range), change the Node_Offset value as needed using the calculation below:

Device Instance (desired) = Node_Offset + Node_ID

For example, if the desired Device Instance for the device 1 is 50,001 and the following is true:

- Device 1 has a Node-ID of 1
- Device 2 has a Node-ID of 22
- Device 3 has a Node-ID of 33

Then plug the device 1's information into the formula to find the desired Node_Offset:

50,001 = Node_Offset + 1

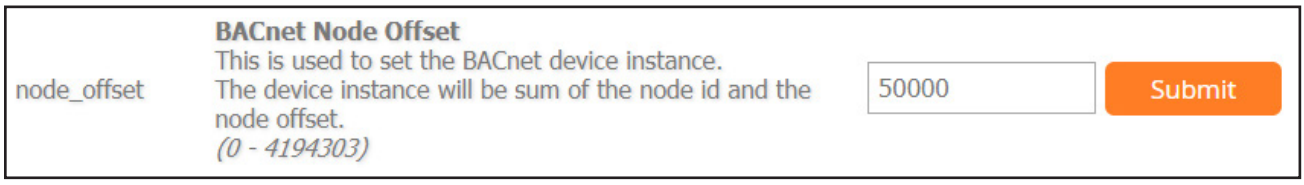
➢ **50,000 = Node_Offset**

Once the Node_Offset value is input, it will be applied as shown below:

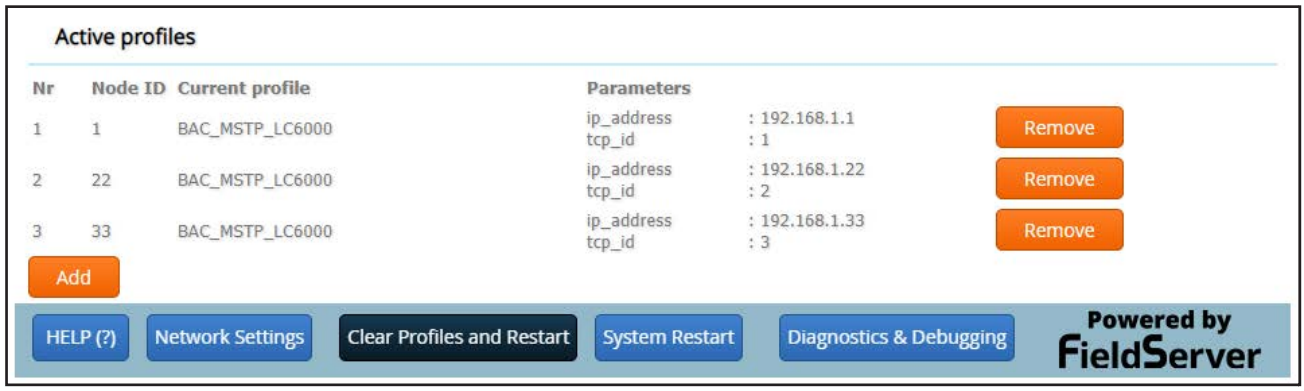
- Device 1 Instance = 50,000 + Node_ID = 50,000 + 1 = 50,001
- Device 2 Instance = 50,000 + Node_ID = 50,000 + 22 = 50,022
- Device 3 Instance = 50,000 + Node_ID = 50,000 + 33 = 50,033

- Click "Submit" once the desired value is entered.

Web Configurator Node Offset Field



Active Profiles



6.6 How to Start the Installation Over: Clearing Profiles

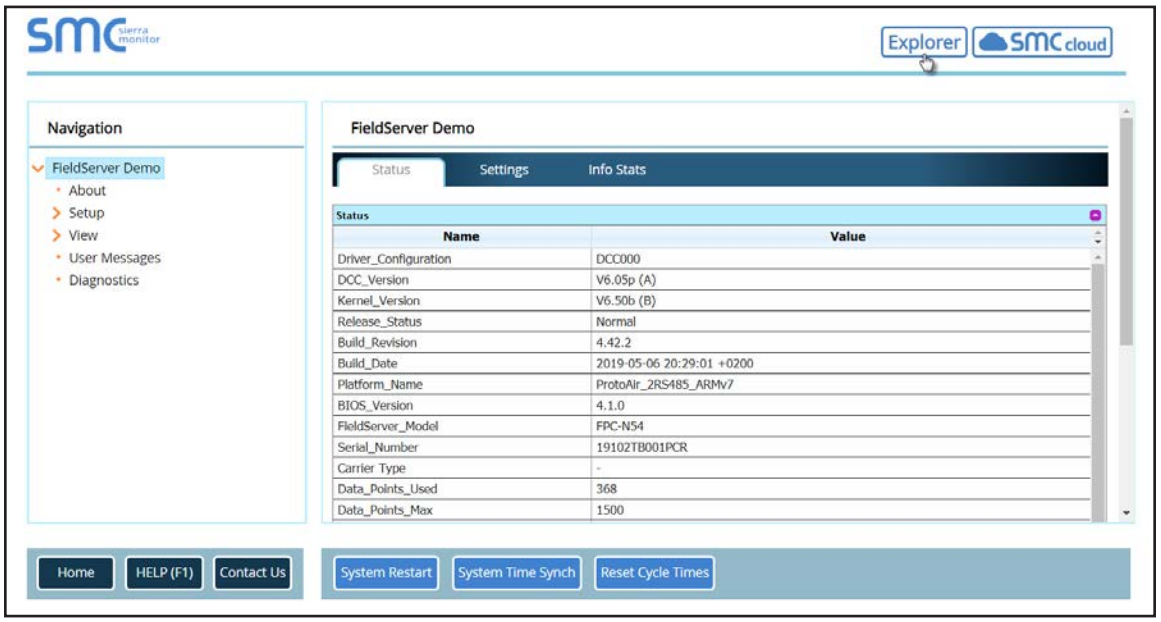
- Follow the steps outlined in Section 5.1 to access the ProtoNode Web Configurator.
- At the bottom-left of the page, click the “Clear Profiles and Restart” button.
- Once restart is complete, all past profiles discovered and/or added via Web configurator are deleted. The unit can now be re-installed.

7 Using the Embedded BACnet Explorer

The embedded BACnet Explorer allows installers of the OEM product to validate that their equipment is working on BACnet without having to ask the BMS integrator to test the unit.

- To access the embedded BACnet Explorer, go to the FS-GUI page and click the Explorer button.

FS-GUI BACnet Explorer Button

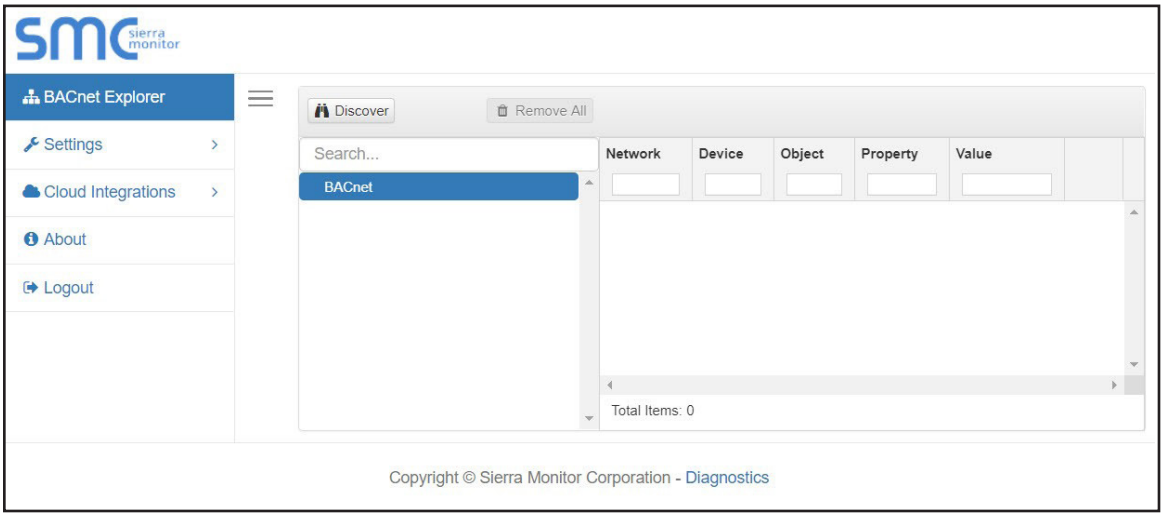


NOTE: *For BACnet/IP, click on the Settings button on the left side of the landing page to ensure the ProtoNode is on the BACnet/IP network subnet or to configure BBMD.*

7.1 Discover Device List

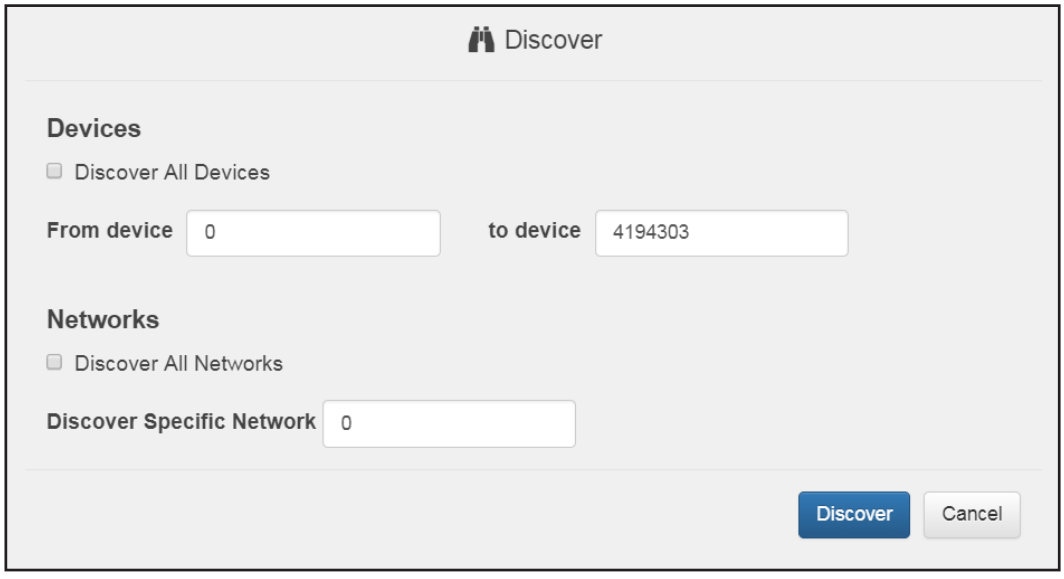
- From the BACnet Explorer landing page, click on the BACnet Explorer button on the left side of the screen to go to the BACnet Explorer page.

BACnet Explorer Page



- To discover the devices connected to the same subnet as the BACnet Explorer, click the Discover button (binocular icon). 
- This will open the Discover window, click the checkboxes next to the desired search settings and click Discover to start the search

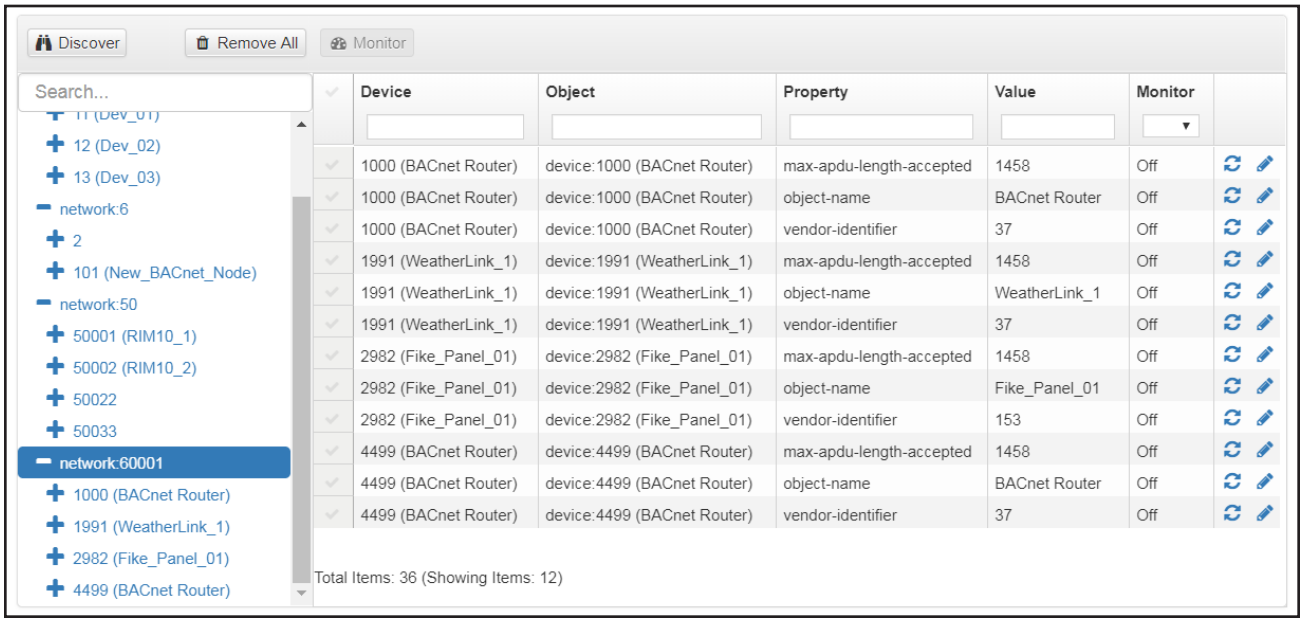
Discover Window



NOTE: *The "Discover All Devices" or "Discover All Networks" checkboxes must be unchecked to search for a specific device range or network.*

NOTE: *Allow the devices to populate before interacting with the device list for optimal performance. Any discovery or explore process will cause a green message to appear in the upper right corner of the browser to confirm that the action is complete.*

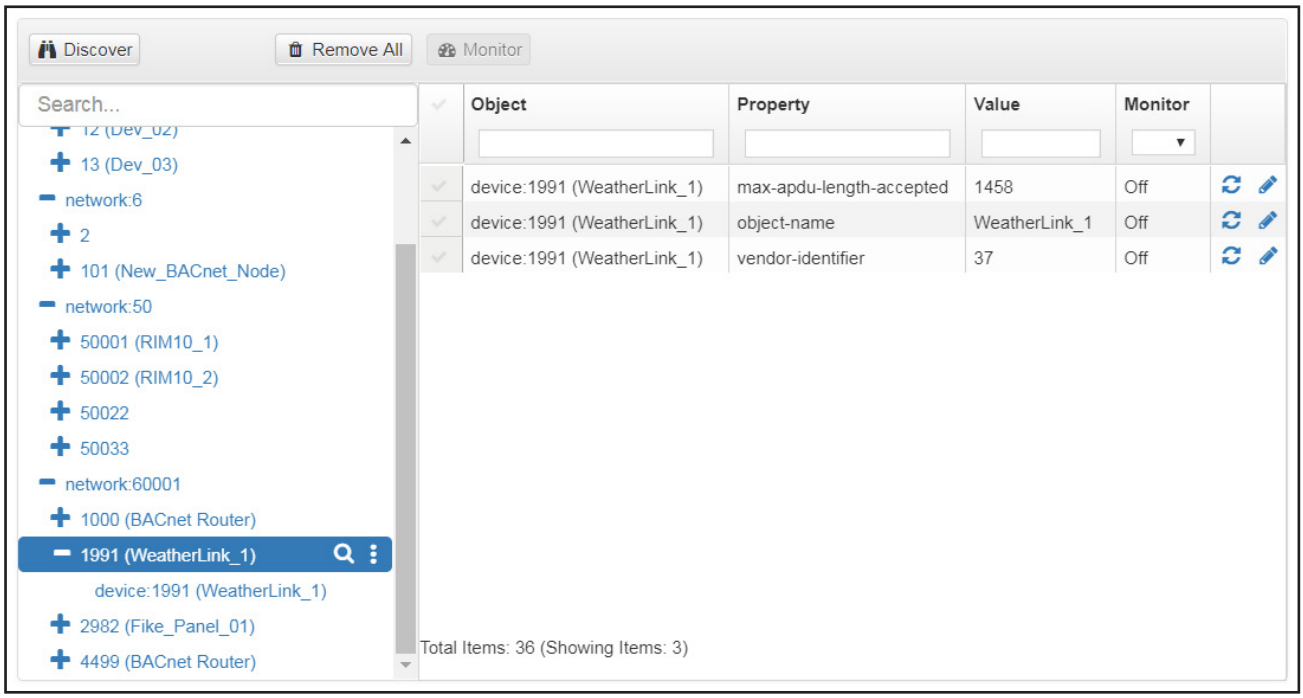
Device List



7.2 View Device Details and Explore Points/Parameters

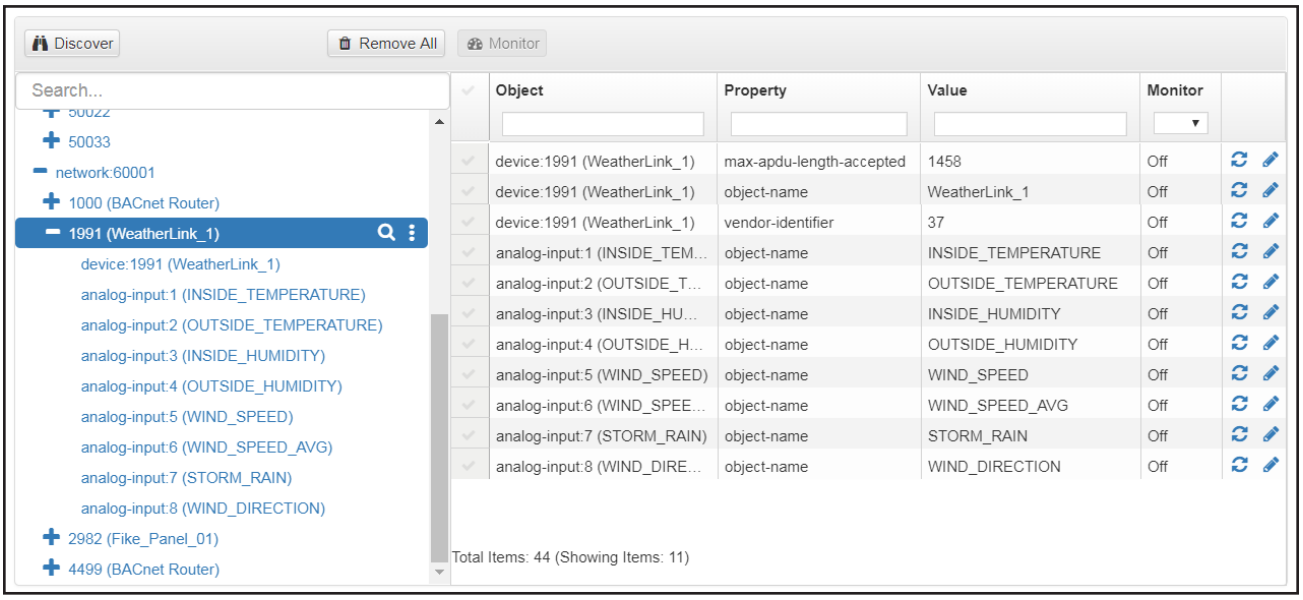
- To view the device details, click the blue plus sign (+) next to the desired device in the list.
  - This will show only some of the device properties for the selected aspect of a device.

Device Sub-items



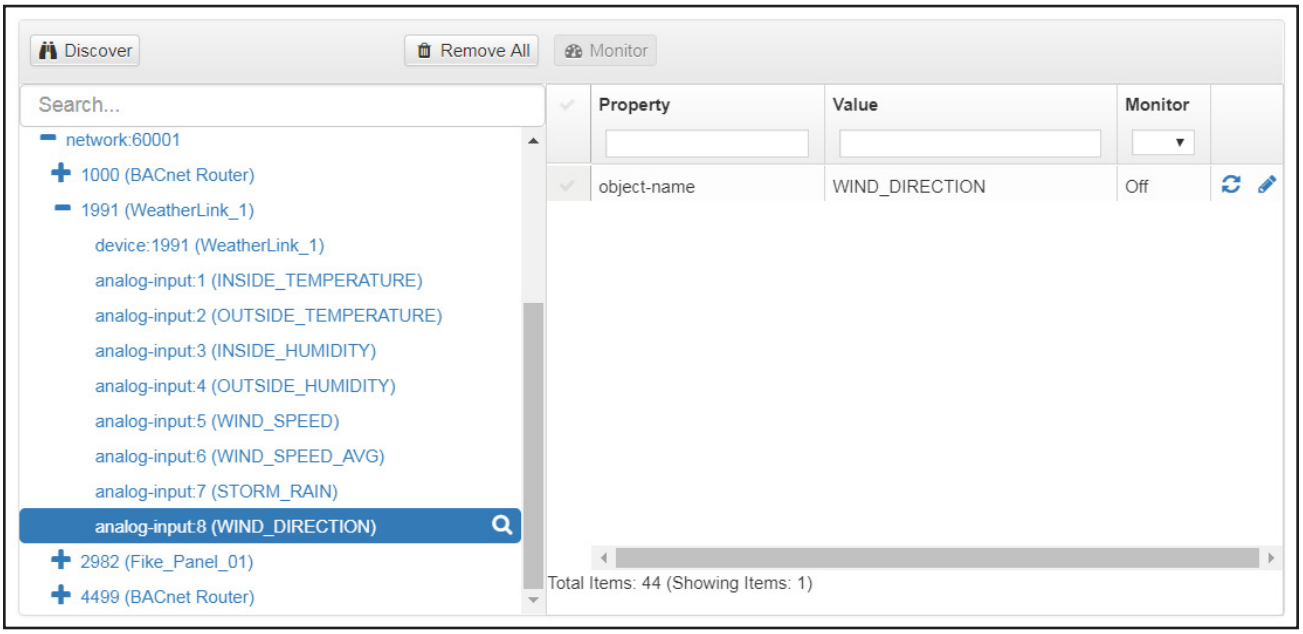
- To view the full details of a device, highlighting the device directly (in figure below “1991 WeatherLink_1”) and click the Explore button ( ) that appears to the right of the highlighted device as a magnifying glass icon or double-click the highlighted device.

Full Device Sub-Items



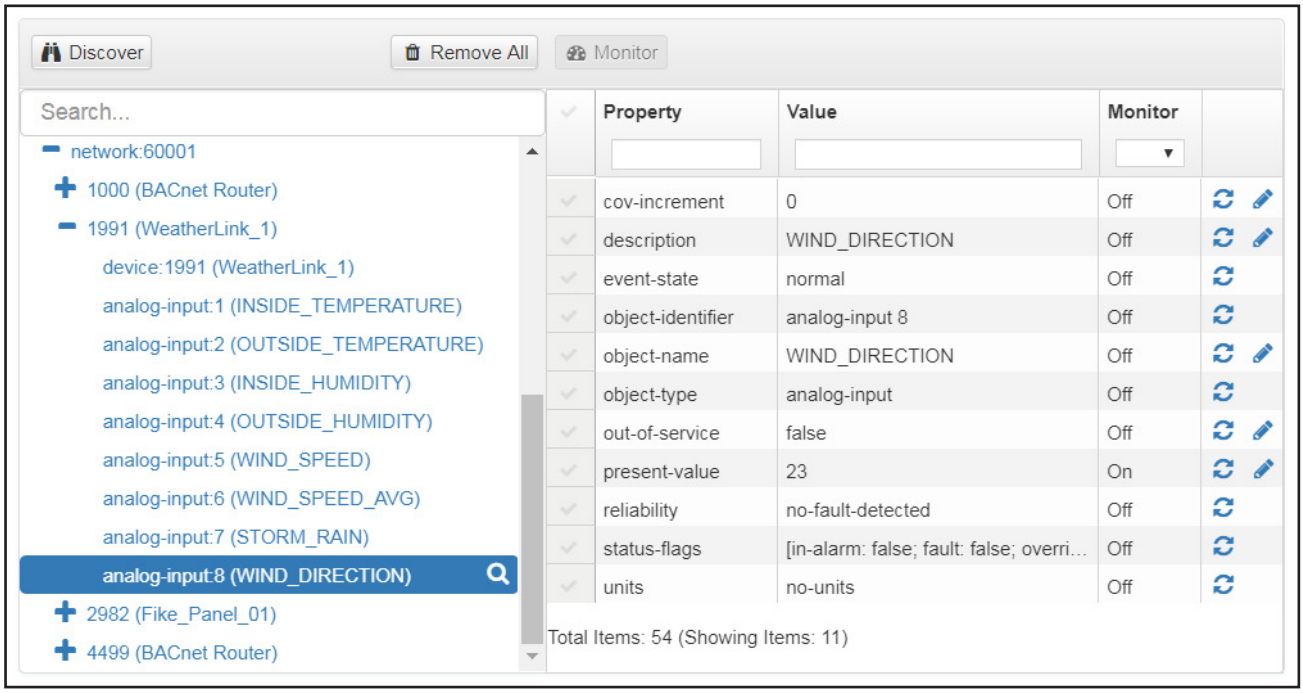
  - Now additional device details are viewable; however, the device can be explored even further.
- Click on one of the device details.

Simplified Device Details



- Then click on the Explore button or double-click the device object.

Additional Device Details



A full list of the device details will appear on the right side window. If changes are expected since the last explore, simply press the Refresh button ( ) that appears to right of individual properties to refresh the value.

NOTE: *The Explorer Search Bar will find devices based on their Device ID.*

NOTE: *The Explorer Discovery Tree has 3 levels that correspond to the following.*

- Network number
  - Device
    - Device object

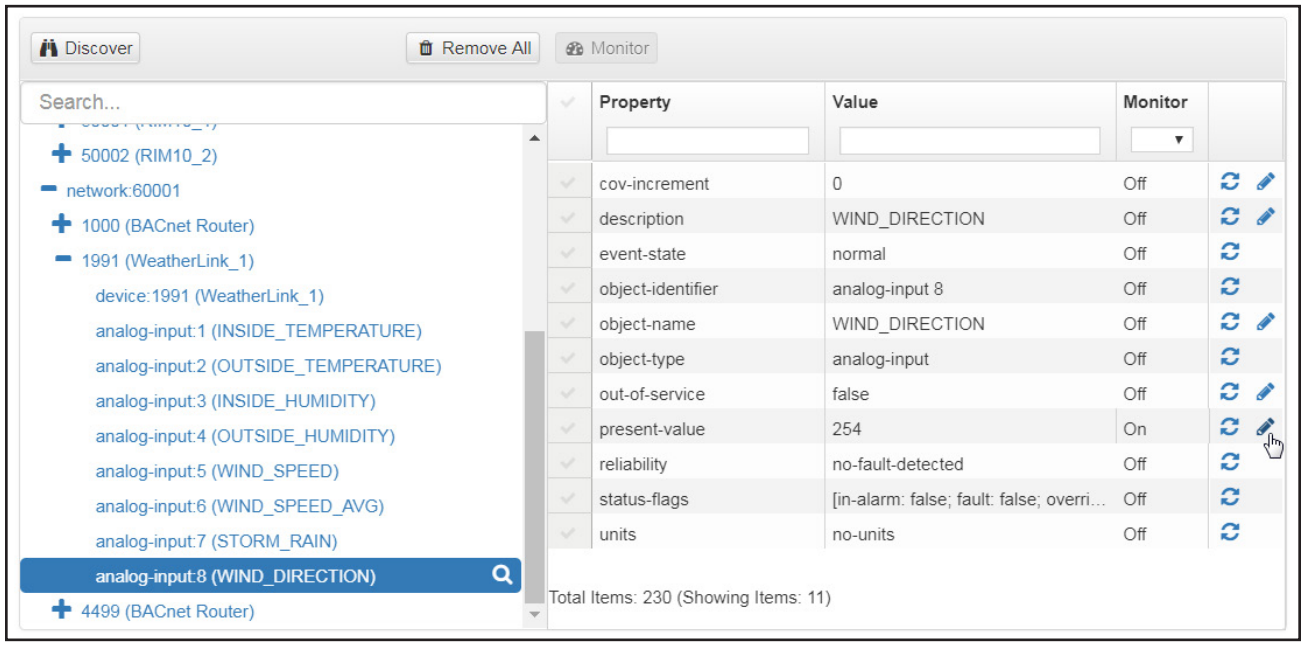
7.2.1 Edit the Present Value Field

The only recommended field to edit via BACnet Explorer is the device's present value field.

NOTE: *Other BACnet properties are editable (such as object name, object description, etc.); however, this is not recommended because the BACnet Explorer is a discovery tool not a Building Management System (BMS).*

- To edit the present value, select it in the property listings.

Highlighted Present Value



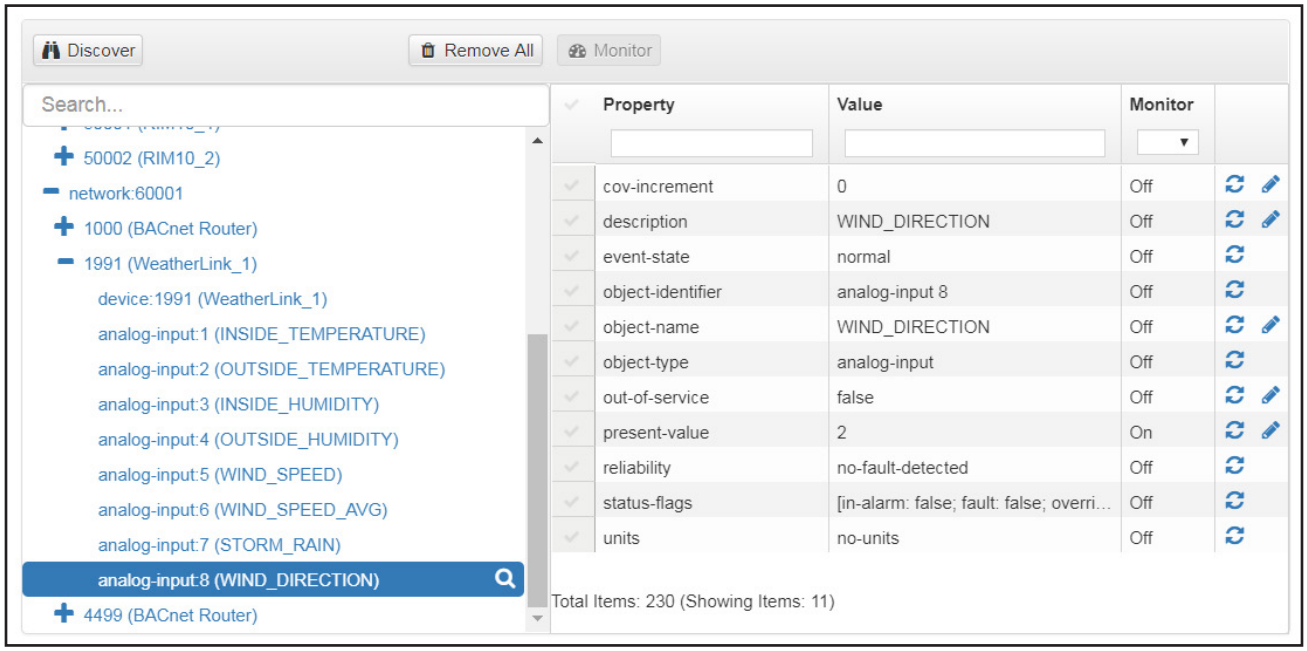
- Then click the Write button ( ) on the right of the property to bring up the Write Property window.

Write Property Window

- Enter the appropriate change and click the Write button.

  The window will close. When the BACnet Explorer page appears, the present value will be changed as specified.

Updated Present Value



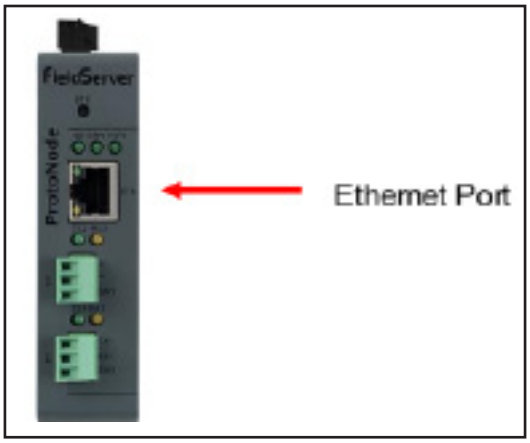
Additional Information

8 Troubleshooting

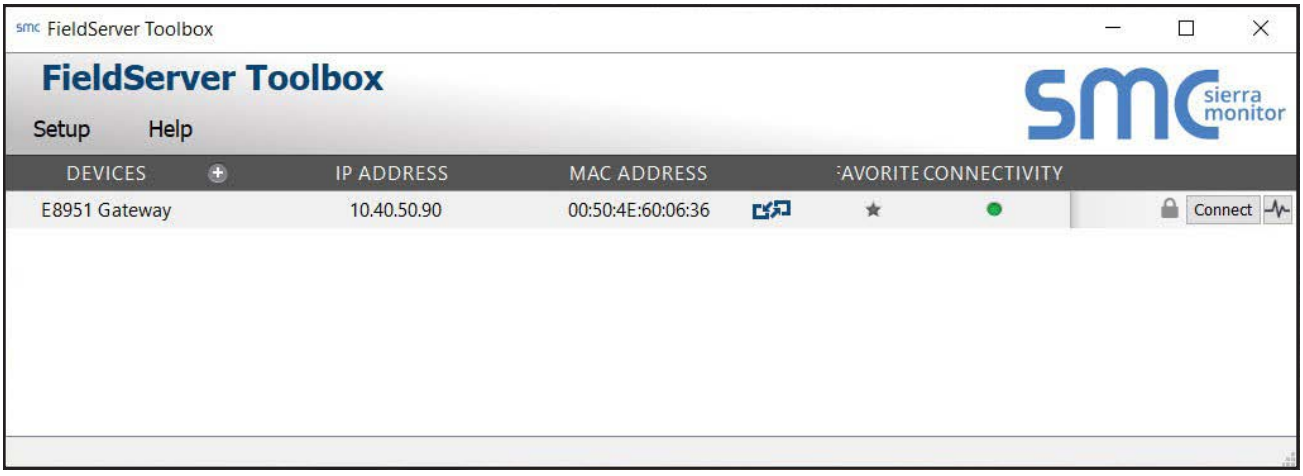
8.1 Lost or Incorrect IP Address

- Ensure that FieldServer Toolbox is loaded onto the local PC. Otherwise, download the FieldServer Toolbox.zip via the MSA Safety website.
- Extract the executable file and complete the installation.

Ethernet Port Location



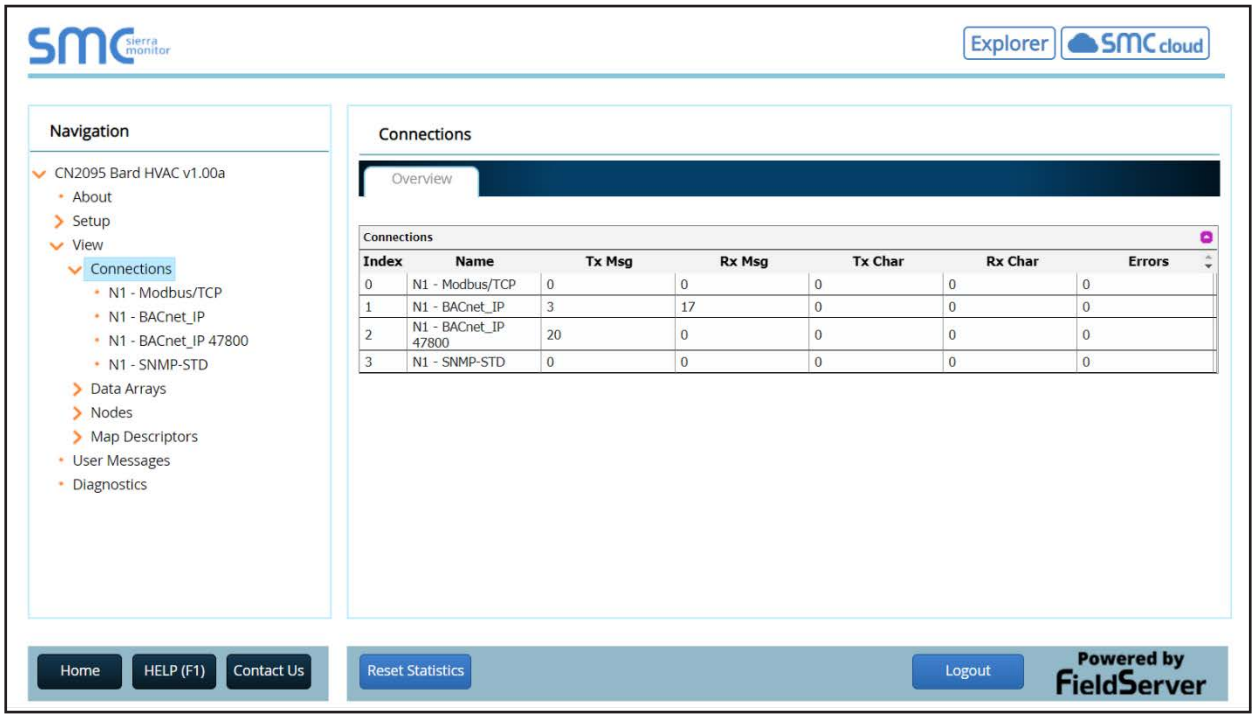
- Connect a standard Cat-5 Ethernet cable between the user's PC and ProtoNode.
- Double click on the FS Toolbox Utility and click Discover Now on the splash page.
- Check for the IP Address of the desired gateway.



8.2 Viewing Diagnostic Information

- Type the IP Address of the ProtoNode into the web browser or use the FieldServer Toolbox to connect to the ProtoNode.
- Click on Diagnostics and Debugging Button, then click on view, and then on connections.
- If there are any errors showing on the Connection page, refer to Section 8.3 for the relevant wiring and settings.

Error Messages Screen



8.3 Checking Wiring and Settings

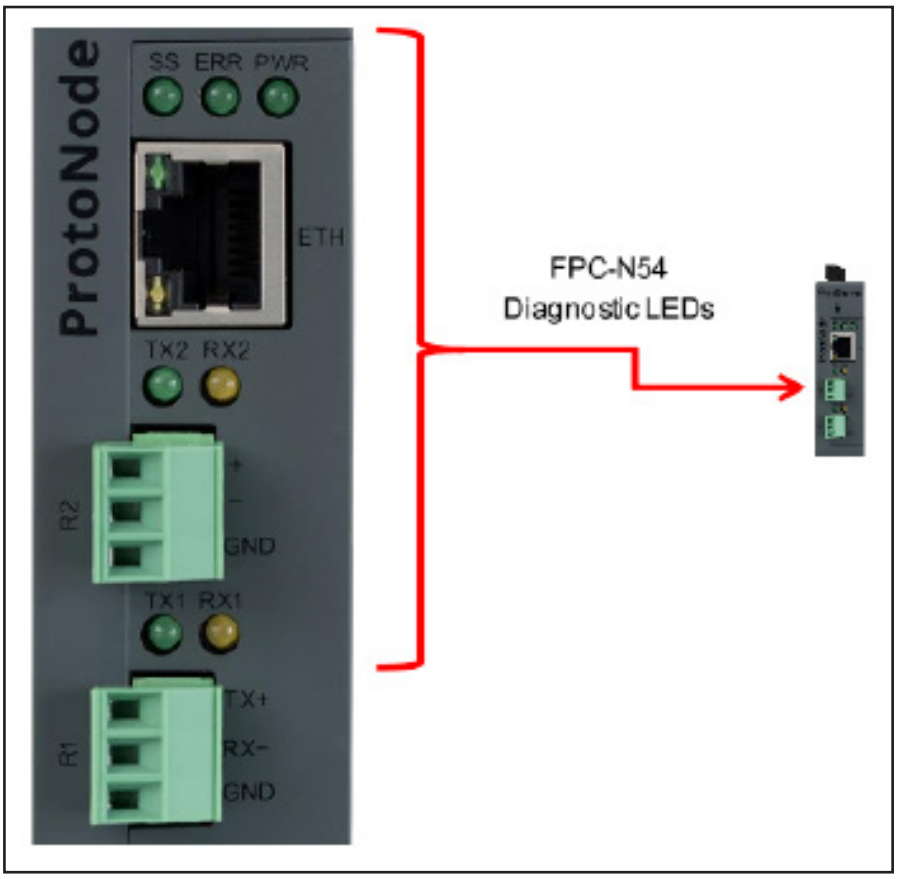
- No COMS on Modbus TCP/IP side. To fix, check the following:
  - Visual observations of LEDs on ProtoNode (Section 8.4)
  - Check device address
  - Verify wiring
  - Verify the device was listed in the Web Configurator (Section 6.2)
- Field COM problems:
  - Visual observations of LEDs on the ProtoNode (Section 8.4)
  - Verify IP Address setting
  - Verify wiring

NOTE: *If the problem persists, a Diagnostic Capture needs to be taken and sent to support. (Section 8.5)*

8.4 LED Diagnostics for Communications Between ProtoNode and Devices

See the diagram below for ProtoNode LED Locations.

Diagnostic LEDs



Tag	Description
SS	The SS LED will flash once a second to indicate that the bridge is in operation.
ERR	The SYS ERR LED will go on solid indicating there is a system error. If this occurs, immediately report the related "system error" shown in the error screen of the FS-GUI interface to support for evaluation.
PWT	The power light should always show steady green when connected to a functioning power source.
RX	The RX LED will flash when a message is received on the serial port on the 3-pin connector. **If the serial port is not used, this LED is non-operational.** RX1 applies to the R1 connection while RX2 applies to the R2 connection.
TX	The TX LED will flash when a message is sent on the serial port on the 3-pin connector. **If the serial port is not used, this LED is non-operational.** TX1 applies to the R1 connection while TX2 applies to the R2 connection.

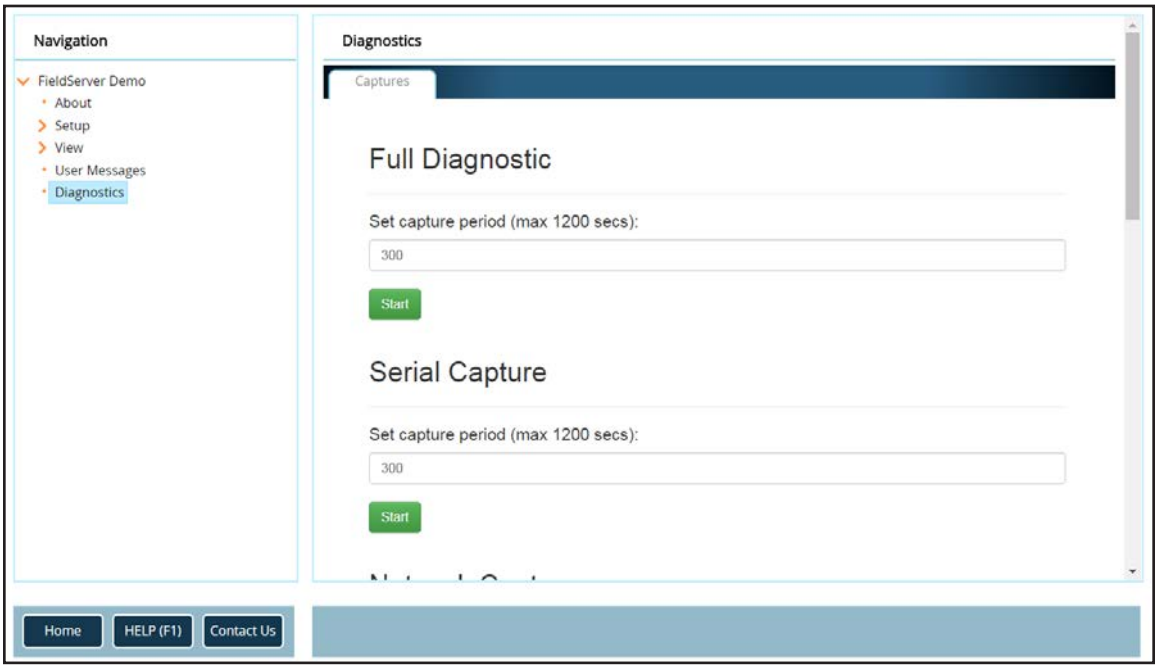
8.5 Taking a FieldServer Diagnostic Capture

When there is a problem on-site that cannot easily be resolved, perform a Diagnostic Capture before contacting support. Once the Diagnostic Capture is complete, email it to technical support. The Diagnostic Capture will accelerate diagnosis of the problem.

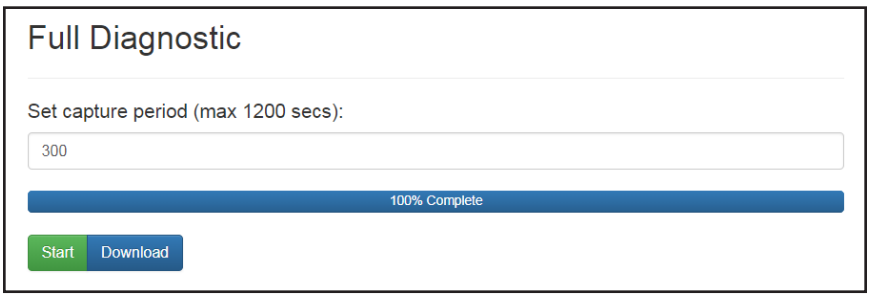
If the FieldServer bios is updated/released on November 2017 or later then the Diagnostic Capture is performed via the gateway's on-board system.

NOTE: *The MIB file will be saved when a capture is performed.*

- Access the FieldServer Diagnostics page via one of the following methods:
  - Open the FieldServer FS-GUI page and click on Diagnostics in the Navigation panel
  - Open the FieldServer Toolbox software and click the diagnose icon  of the desired device



- Go to Full Diagnostic and select the capture period.
- Click the Start button under the Full Diagnostic heading to start the capture.
  - When the capture period is finished, a Download button will appear next to the Start button



- Click Download for the capture to be downloaded to the local PC.
- Email the diagnostic zip file to technical support.

NOTE: *Diagnostic captures of BACnet MS/TP communication are output in a ".PCAP" file extension which is compatible with Wireshark.*

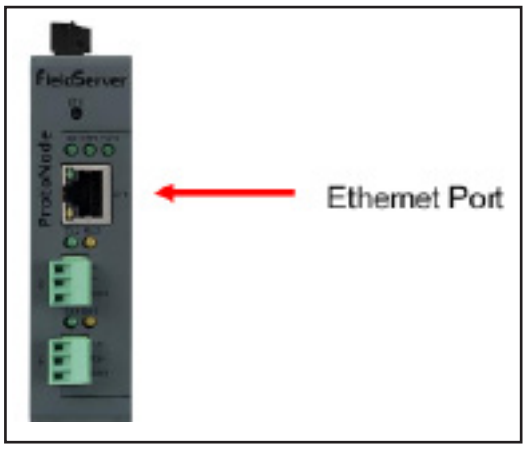
8.5.1 Taking a Capture with Older Firmware

If the FieldServer firmware is from before November 2017, the Diagnostic Capture can be done by downloading the FieldServer Toolbox software but network connections (such as Ethernet and Wi-Fi) cannot be captured (if a network diagnostic is needed take a Wire Shark capture).

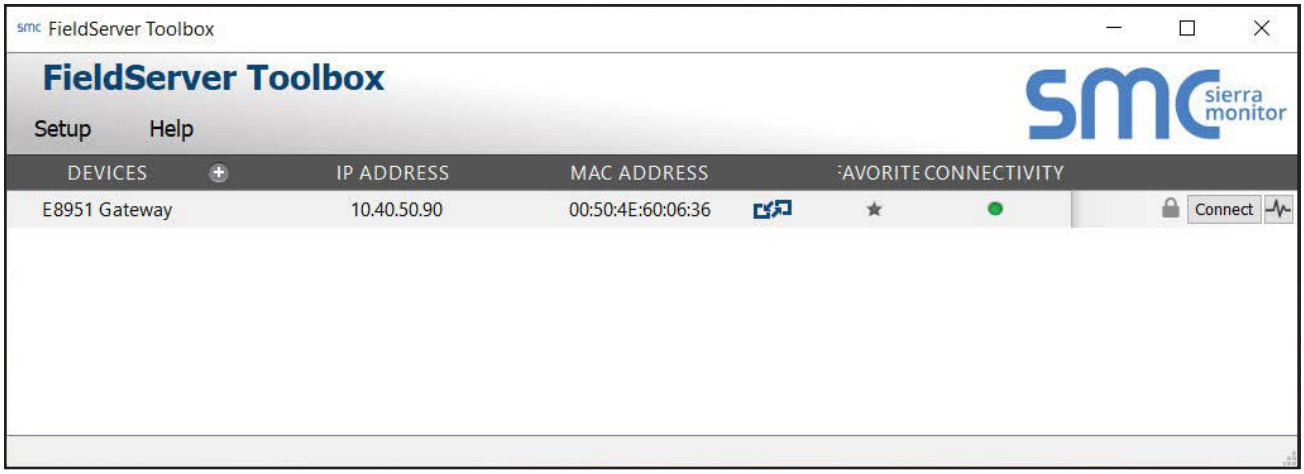
Once the Diagnostic Capture is complete, email it to technical support. The Diagnostic Capture will accelerate diagnosis of the problem.

- Ensure that FieldServer Toolbox is loaded onto the local PC. Otherwise, download the FieldServer Toolbox. zip via the MSA Safety website.
- Extract the executable file and complete the installation.

Ethernet Port Location



- Connect a standard Cat-5 Ethernet cable between the PC and ProtoNode.
- Double click on the FS Toolbox Utility.
- **Step 1:** Take a Log
  - o Click on the diagnose icon for the desired device



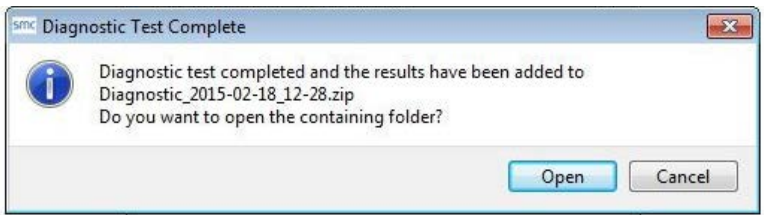
- Select “Full Diagnostic” from the drop down menu

NOTE: *If desired, the default capture period can be changed.*

- Click on the Start Diagnostic button

- Wait for the capture period to finish and the Diagnostic Test Complete window will appear

- Step 2: Send Log
  - Once the diagnostic test is complete, a .zip file is saved on the PC



  - Choose “Open” to launch explorer and have it point directly at the correct folder
  - Send the Diagnostic zip file to technical support

8.6 Factory Reset Instructions

For instructions on how to reset a FieldServer back to its factory released state, see ENOTE - FieldServer Next Gen Recovery. ***NOTE:*** *The Bard gateway resets back to the IP printed on the side of the device and does not reset to the IP listed in the ENOTE noted above.*

8.7 Internet Browsers Not Supported

The following web browsers are supported:

- Chrome Rev. 57 and higher
- Firefox Rev. 35 and higher
- Microsoft Edge Rev. 41 and higher
- Safari Rev. 3 and higher

NOTE: *Internet Explorer is no longer supported as recommended by Microsoft.*

NOTE: *Computer and network firewalls must be opened for Port 80 to allow FieldServer GUI to function.*

9 Additional Information

9.1 Update Firmware

To load a new version of the firmware, follow these instructions:

1. Extract and save the new file onto the local PC.
2. Open a web browser and type the IP Address of the FieldServer in the address bar.
   - o Default IP Address is 192.168.1.24
   - o Use the FS Toolbox utility if the IP Address is unknown (Section 8.1)
3. Click on the "Diagnostics & Debugging" button.
4. In the Navigation Tree on the left hand side, do the following:
   a. Click on "Setup"
   b. Click on "File Transfer"
   c. Click on the "General" tab
5. In the General tab, click on "Choose Files" and select the web.img file extracted in step 1.
6. Click on the orange "Submit" button.
7. When the download is complete, click on the "System Restart" button.

9.2 BACnet: Setting Network_Number for More Than One ProtoNode on the Subnet

For both BACnet MS/TP and BACnet/IP, if more than one ProtoNode is connected to the same subnet, they must be assigned unique Network_Number values.

On the main Web Configuration screen, update the BACnet Network Number field and click submit. The default value is 50001.

Web Configurator – Network Number Field

9.3 Mounting

The ProtoNode can be mounted using the DIN rail mounting bracket on the back of the unit.

DIN Rail

9.4 Certification

9.4.1 BTL Mark – BACnet® Testing Laboratory

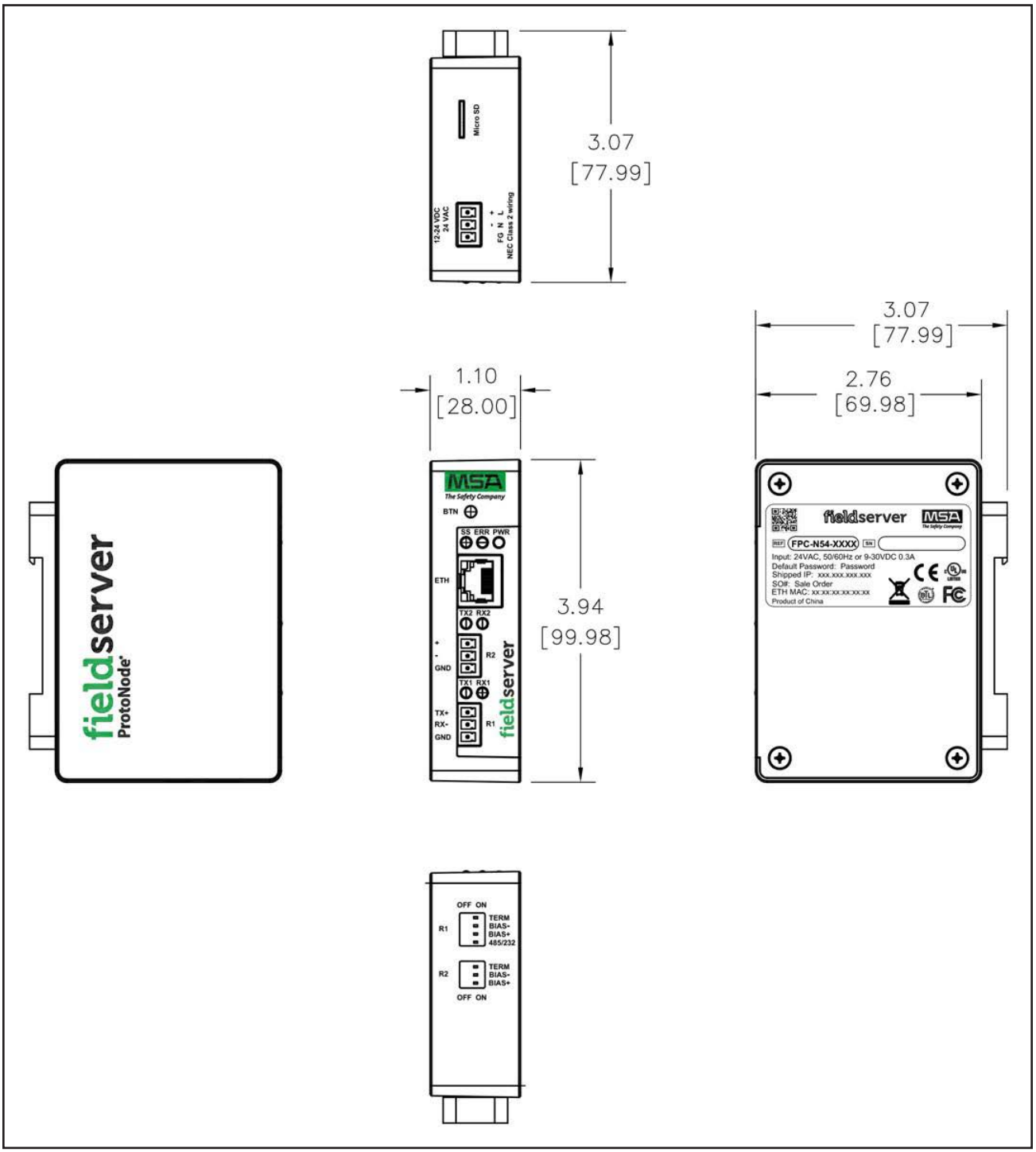
The BTL Mark on ProtoNode is a symbol that indicates that a product has passed a series of rigorous tests conducted by an independent laboratory which verifies that the product correctly implements the BACnet features claimed in the listing. The mark is a symbol of a high-quality BACnet product.

Go to www.BACnetInternational.net/btl/ for more information about the BACnet Testing Laboratory. Click here for the BACnet PIC Statement.

NOTE: *BACnet is a registered trademark of ASHRAE.*

9.5 Physical Dimension Drawing

ProtoNode FPC-N54 Dimensions

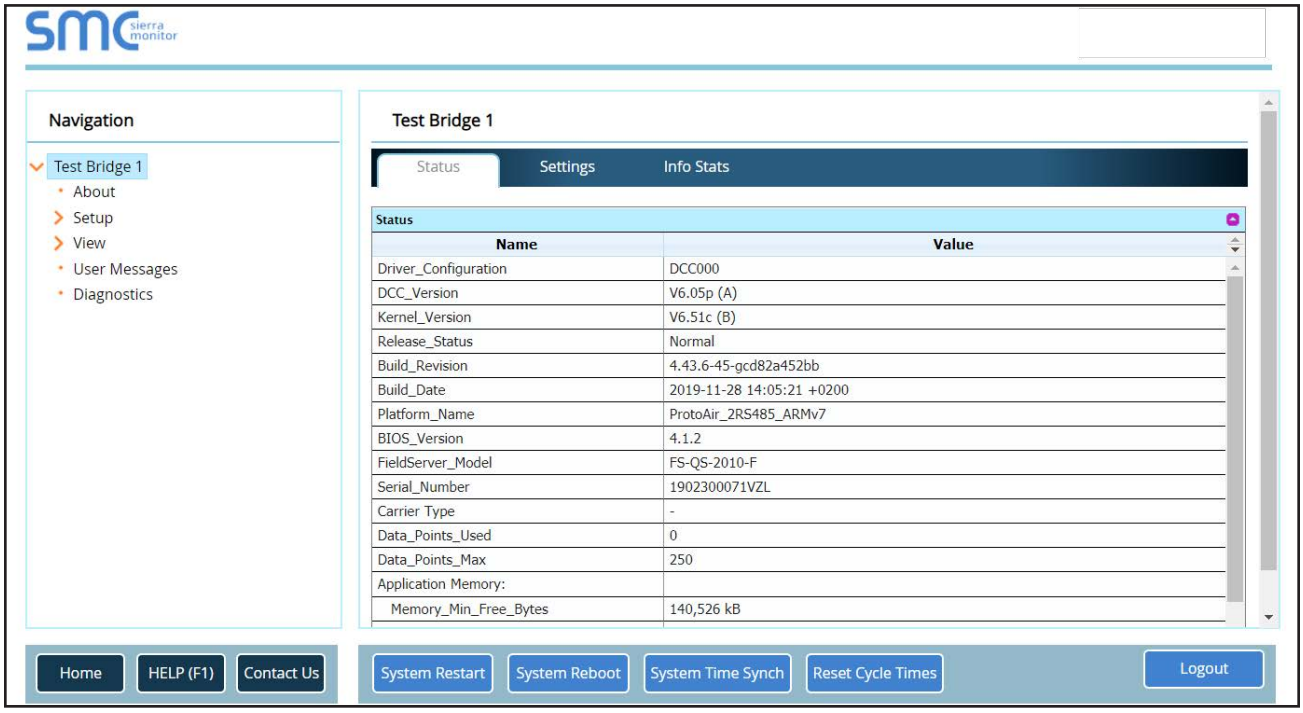


9.6 Change Web Server Security Settings After Initial Setup

NOTE: *Any changes will require a FieldServer reboot to take effect.*

- From the FS-GUI page, click Setup in the Navigation panel.

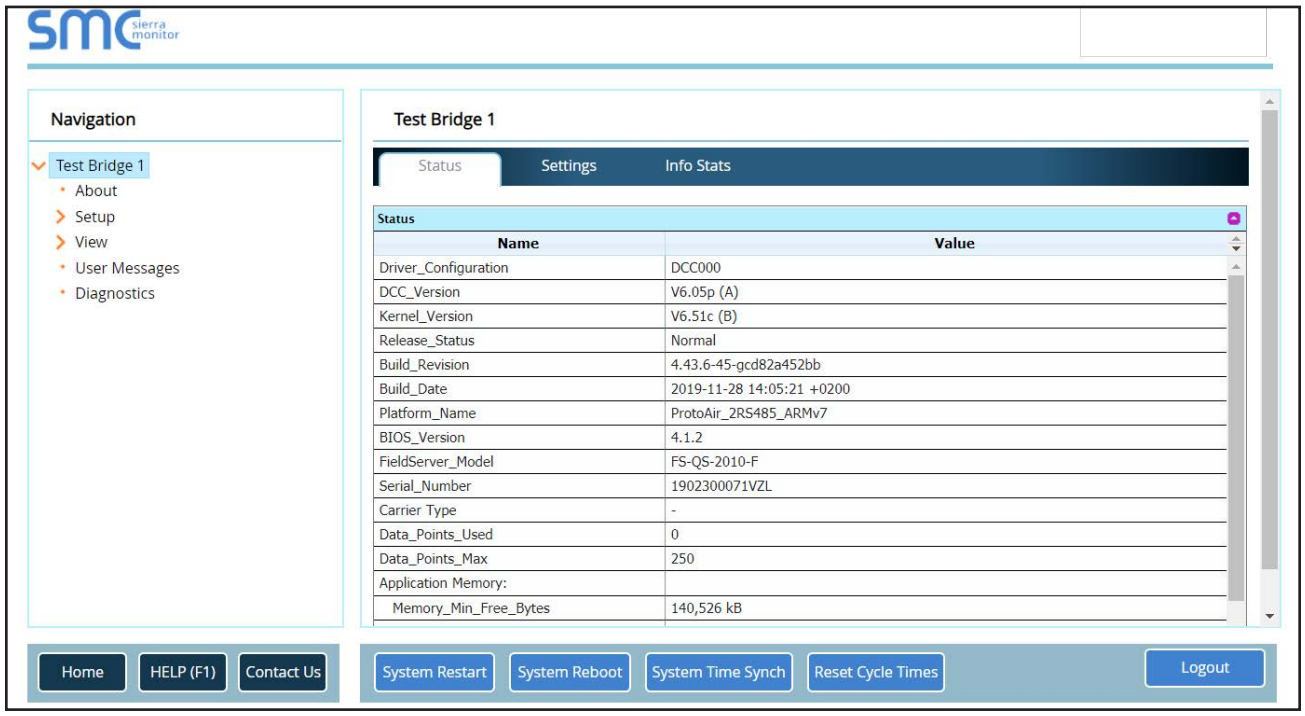
FS-GUI Page



9.6.1 Change Security Mode

- Click Security in the Navigation panel.

FS-GUI Security Setup



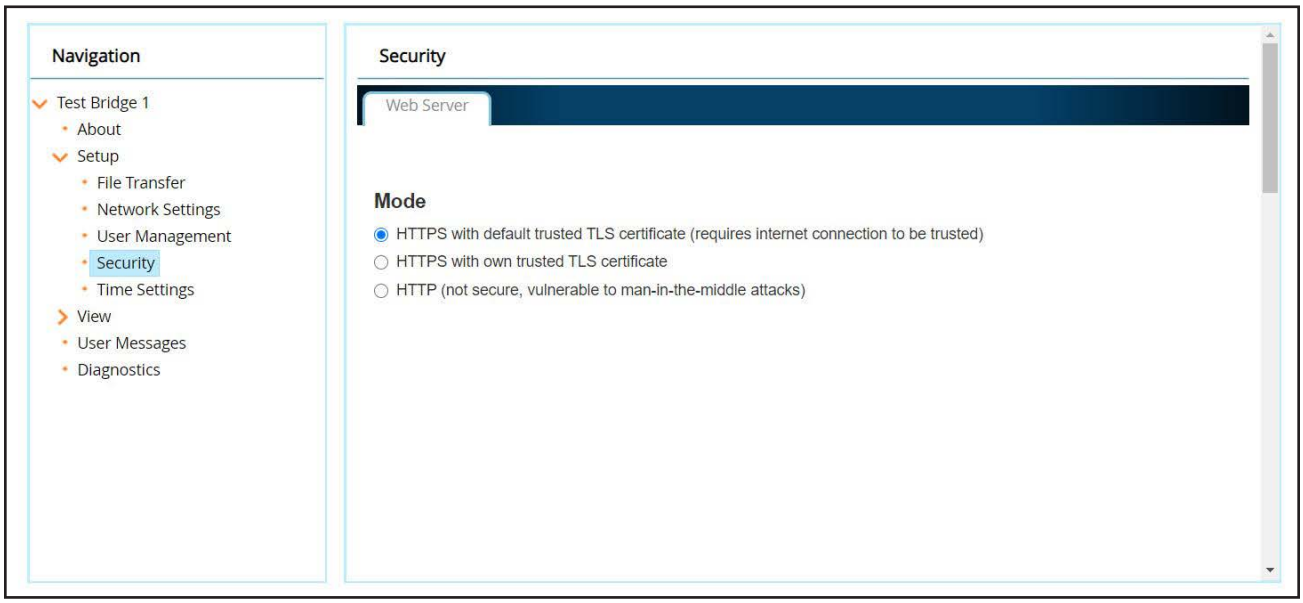
- Click the Mode desired.
  - o If HTTPS with own trusted TLS certificate is selected, follow instructions in Section 5.2.1
- Click the Save button.

9.6.2 Edit the Certificate Loaded onto the FieldServer

NOTE: *A loaded certificate will only be available if the security mode was previously setup as HTTPS with own trusted TLS certificate.*

- Click Security in the Navigation panel.

FS-GUI Security Setup – Certificate Loaded



- Click the Edit Certificate button to open the certificate and key fields.
- Edit the loaded certificate or key text as needed.
- Click Save.

9.7 Change User Management Settings

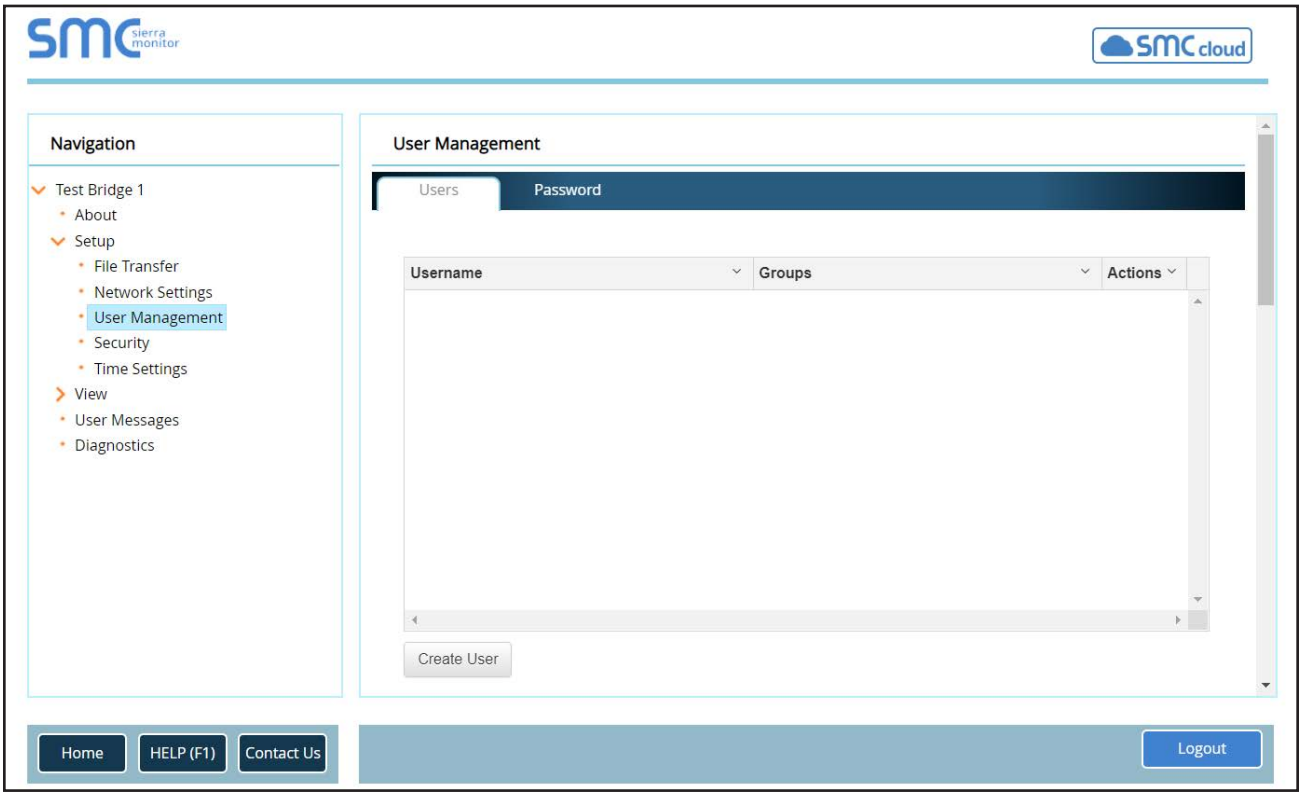
- From the FS-GUI page, click Setup in the Navigation panel.
- Click User Management in the navigation panel.

NOTE: *If the passwords are lost, the unit can be reset to factory settings to reinstate the default unique password on the label. For ProtoNode, ProtoCessor or ProtoCarrier recovery instructions, see the FieldServer Recovery Instructions document. For ProtoNode FPC N54, ProtoNode FPC-N64 or ProtoAir recovery instructions, see the FieldServer Next Gen Recovery document. If the default unique password is lost, then the unit must be mailed back to the factory.*

NOTE: *Any changes will require a FieldServer reboot to take effect.*

- Check that the Users tab is selected.

FS-GUI User Management



User Types:

Admin – Can modify and view any settings on the FieldServer.

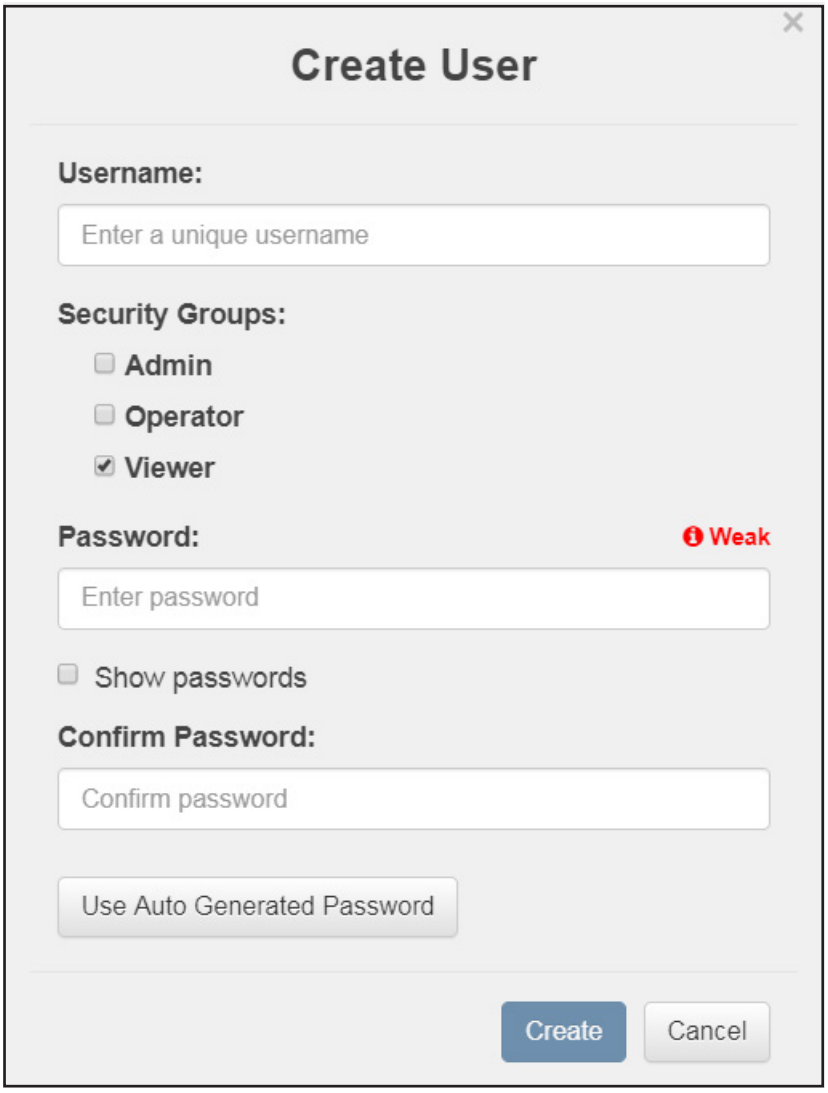
Operator – Can modify and view any data in the FieldServer array(s).

Viewer – Can only view settings/readings on the FieldServer.

9.7.1 Create Users

- Click the Create User button.

Create User Window



- Enter the new User fields: Name, Security Group and Password.
  - **User details are hashed and salted**

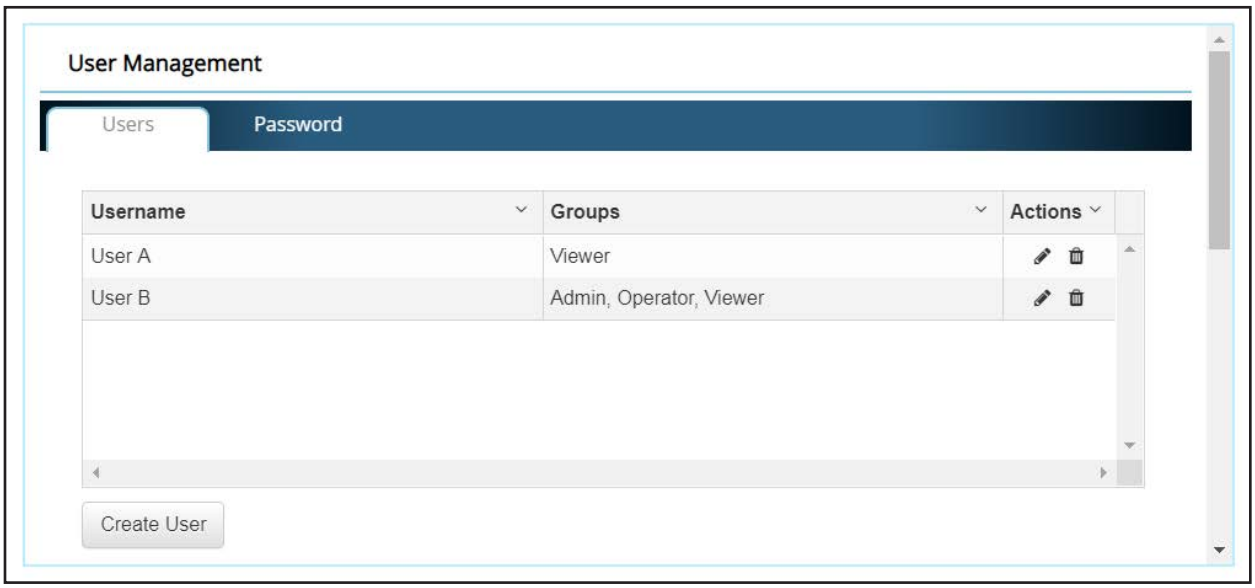
NOTE: *The password must meet the minimum complexity requirements. An algorithm automatically checks the password entered and notes the level of strength on the top right of the Password text field.*

- Click the Create button.
- Once the Success message appears, click OK.

9.7.2 Edit Users

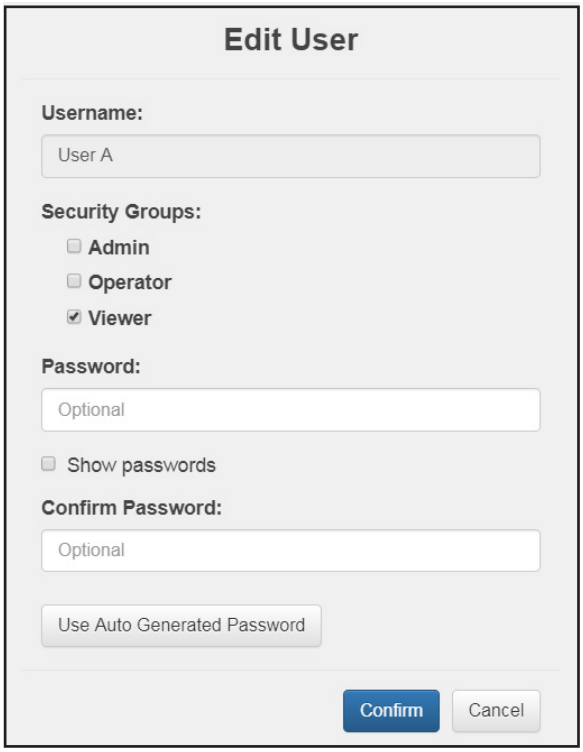
- Click the pencil icon next to the desired user to open the User Edit window.

Setup Users



- Once the User Edit window opens, change the User Security Group and Password as needed.

Edit User Window

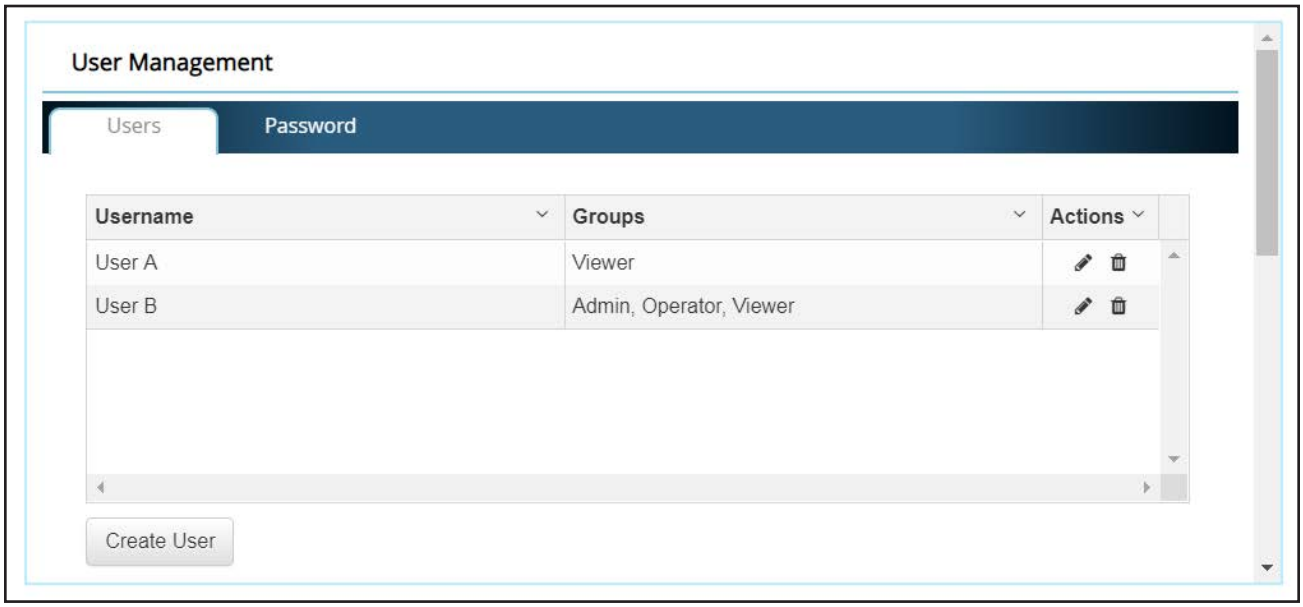


- Click Confirm.
- Once the Success message appears, click OK.

9.7.3 Delete Users

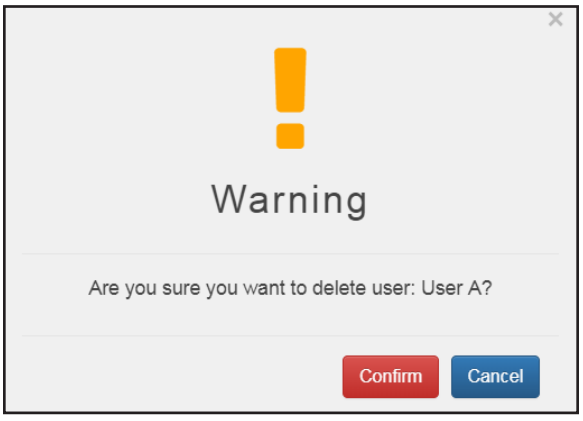
- Click the trash can icon next to the desired user to delete the entry.

Setup Users



- When the warning message appears, click Confirm.

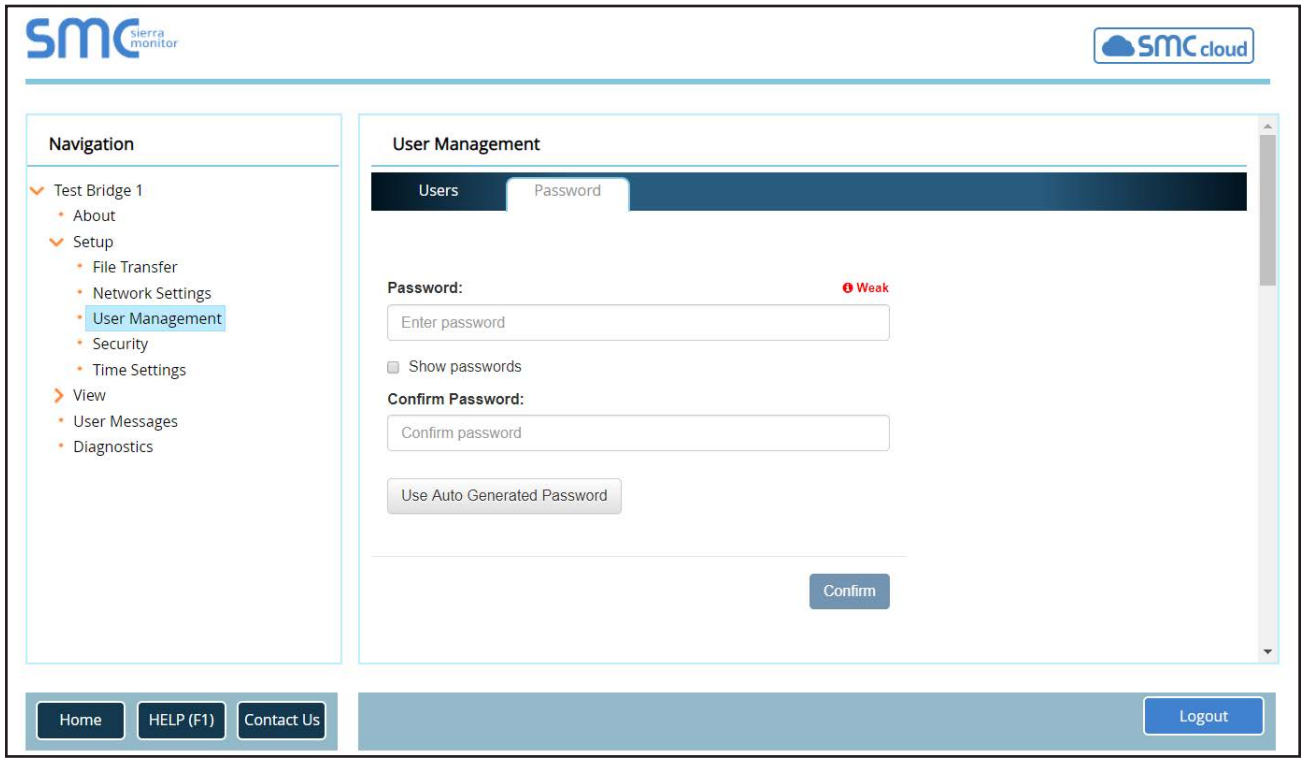
User Delete Warning



9.7.4 Change FieldServer Password

- Click the Password tab.

FieldServer Password Update via FS-GUI



- Change the general login password for the FieldServer as needed.

NOTE: *The password must meet the minimum complexity requirements. An algorithm automatically checks the password entered and notes the level of strength on the top right of the Password text field.*

10 Vendor Information – Bard HVAC

10.1 LC6000 Greengate Mappings to BACnet and SNMP

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
System Off/On	BV	1	1.3.6.1.4.1.6347.1.1.1.0
Generator Alarm	BI	2	1.3.6.1.4.1.6347.1.1.2.0
Emergency Off Input Status	BI	3	1.3.6.1.4.1.6347.1.1.3.0
Generator Inputs Status	BI	4	1.3.6.1.4.1.6347.1.1.4.0
Emergency Vent Input Status	BI	5	1.3.6.1.4.1.6347.1.1.5.0
LC6000 Outdoor Temp Sensor Failure	BI	6	1.3.6.1.4.1.6347.1.1.6.0
LC6000 Outdoor Humidity Sen Failure	BI	7	1.3.6.1.4.1.6347.1.1.7.0
Bard Guard Alarm	BI	8	1.3.6.1.4.1.6347.1.1.8.0
Unit 1 Offline	BI	9	1.3.6.1.4.1.6347.1.1.9.0
Unit 2 Offline	BI	10	1.3.6.1.4.1.6347.1.1.10.0
Unit 3 Offline	BI	11	1.3.6.1.4.1.6347.1.1.11.0
Unit 4 Offline	BI	12	1.3.6.1.4.1.6347.1.1.12.0
Unit 5 Offline	BI	13	1.3.6.1.4.1.6347.1.1.13.0
Unit 6 Offline	BI	14	1.3.6.1.4.1.6347.1.1.14.0
Unit 7 Offline	BI	15	1.3.6.1.4.1.6347.1.1.15.0
Unit 8 Offline	BI	16	1.3.6.1.4.1.6347.1.1.16.0
Unit 9 Offline	BI	17	1.3.6.1.4.1.6347.1.1.17.0
Unit 10 Offline	BI	18	1.3.6.1.4.1.6347.1.1.18.0
Unit 11 Offline	BI	19	1.3.6.1.4.1.6347.1.1.19.0
Unit 12 Offline	BI	20	1.3.6.1.4.1.6347.1.1.20.0
Unit 13 Offline	BI	21	1.3.6.1.4.1.6347.1.1.21.0
Unit 14 Offline	BI	22	1.3.6.1.4.1.6347.1.1.22.0
Zone 1 Emergency Off Alarm	BI	23	1.3.6.1.4.1.6347.1.1.23.0
Zone 1 Emergency Ventilation Alarm	BI	24	1.3.6.1.4.1.6347.1.1.24.0
Zone 1 Indoor Temp Sensor Failure	BI	25	1.3.6.1.4.1.6347.1.1.25.0
Zone 1 Remote Temp Sensor Failure	BI	26	1.3.6.1.4.1.6347.1.1.26.0
Zone 1 Humidity Sensor Failure	BI	27	1.3.6.1.4.1.6347.1.1.27.0
Zone 1 Low Temp Alarm	BI	28	1.3.6.1.4.1.6347.1.1.28.0
Zone 1 High Temp Alarm	BI	29	1.3.6.1.4.1.6347.1.1.29.0
Zone 1 High Temp 2 Alarm	BI	30	1.3.6.1.4.1.6347.1.1.30.0
Zone 1 Low Humidity Alarm	BI	31	1.3.6.1.4.1.6347.1.1.31.0
Zone 1 High Humidity Alarm	BI	32	1.3.6.1.4.1.6347.1.1.32.0
Zone 1 No Temp Sensors Present	BI	33	1.3.6.1.4.1.6347.1.1.33.0
Zone 2 Emergency Off Alarm	BI	34	1.3.6.1.4.1.6347.1.1.34.0
Zone 2 Emergency Ventilation Alarm	BI	35	1.3.6.1.4.1.6347.1.1.35.0
Zone 2 Indoor Temp Sensor Failure	BI	36	1.3.6.1.4.1.6347.1.1.36.0
Zone 2 Humidity Sensor Failure	BI	37	1.3.6.1.4.1.6347.1.1.37.0
Zone 2 Low Temp Alarm	BI	38	1.3.6.1.4.1.6347.1.1.38.0
Zone 2 High Temp Alarm	BI	39	1.3.6.1.4.1.6347.1.1.39.0
Zone 2 High Temp 2 Alarm	BI	40	1.3.6.1.4.1.6347.1.1.40.0
Zone 2 Low Humidity Alarm	BI	41	1.3.6.1.4.1.6347.1.1.41.0
Zone 2 High Humidity Alarm	BI	42	1.3.6.1.4.1.6347.1.1.42.0
Zone 2 No Temp Sensors Present	BI	43	1.3.6.1.4.1.6347.1.1.43.0
Zone 3 Emergency Off Alarm	BI	44	1.3.6.1.4.1.6347.1.1.44.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
Zone 3 Emergency Ventilation Alarm	BI	45	1.3.6.1.4.1.6347.1.1.45.0
Zone 3 Indoor Temp Sensor Failure	BI	46	1.3.6.1.4.1.6347.1.1.46.0
Zone 3 Humidity Sensor Failure	BI	47	1.3.6.1.4.1.6347.1.1.47.0
Zone 3 Low Temp Alarm	BI	48	1.3.6.1.4.1.6347.1.1.48.0
Zone 3 High Temp Alarm	BI	49	1.3.6.1.4.1.6347.1.1.49.0
Zone 3 High Temp 2 Alarm	BI	50	1.3.6.1.4.1.6347.1.1.50.0
Zone 3 Low Humidity Alarm	BI	51	1.3.6.1.4.1.6347.1.1.51.0
Zone 3 High Humidity Alarm	BI	52	1.3.6.1.4.1.6347.1.1.52.0
Zone 3 No Temp Sensors Present	BI	53	1.3.6.1.4.1.6347.1.1.53.0
Modbus List Unit Of Measure	MV	54	1.3.6.1.4.1.6347.1.1.54.0
Zone 1 Cooling Setpoint	AV	55	1.3.6.1.4.1.6347.1.1.55.0
Zone 1 Heating Setpoint	AV	56	1.3.6.1.4.1.6347.1.1.56.0
Zone 1 Humidity Setpoint	AV	57	1.3.6.1.4.1.6347.1.1.57.0
Zone 1 Dehumid Off Setpoint	AV	58	1.3.6.1.4.1.6347.1.1.58.0
Zone 1 Low Temp Alarm Setpoint	AV	59	1.3.6.1.4.1.6347.1.1.59.0
Zone 1 High Temp Alarm Setpoint	AV	60	1.3.6.1.4.1.6347.1.1.60.0
Zone 1 High Temp 2 Alarm Setpoint	AV	61	1.3.6.1.4.1.6347.1.1.61.0
Zone 1 Low Humidity Alarm Setpoint	AV	62	1.3.6.1.4.1.6347.1.1.62.0
Zone 1 High Humidity Alarm Setpoint	AV	63	1.3.6.1.4.1.6347.1.1.63.0
Zone 1 Continuous Blower Setting	MV	64	1.3.6.1.4.1.6347.1.1.64.0
Zone 1 Staging	MV	65	1.3.6.1.4.1.6347.1.1.65.0
Zone 1 Dehumid Type Setting	MV	66	1.3.6.1.4.1.6347.1.1.66.0
Zone 1 Passive Dehumid Setpoint	AV	67	1.3.6.1.4.1.6347.1.1.67.0
Zone 1 Active Dehumid Setpoint	AV	68	1.3.6.1.4.1.6347.1.1.68.0
Zone 1 Freecooling On Delay	AV	69	1.3.6.1.4.1.6347.1.1.69.0
Zone 1 Freecooling Off Delay	AV	70	1.3.6.1.4.1.6347.1.1.70.0
Zone 1 Cooling On Delay	AV	71	1.3.6.1.4.1.6347.1.1.71.0
Zone 1 Cooling Off Delay	AV	72	1.3.6.1.4.1.6347.1.1.72.0
Zone 1 Heating On Delay	AV	73	1.3.6.1.4.1.6347.1.1.73.0
Zone 1 Heating Off Delay	AV	74	1.3.6.1.4.1.6347.1.1.74.0
Zone 2 Cooling Setpoint	AV	75	1.3.6.1.4.1.6347.1.1.75.0
Zone 2 Heating Setpoint	AV	76	1.3.6.1.4.1.6347.1.1.76.0
Zone 2 Humidity Setpoint	AV	77	1.3.6.1.4.1.6347.1.1.77.0
Zone 2 Dehumid Off Setpoint	AV	78	1.3.6.1.4.1.6347.1.1.78.0
Zone 2 Low Temp Alarm Setpoint	AV	79	1.3.6.1.4.1.6347.1.1.79.0
Zone 2 High Temp Alarm Setpoint	AV	80	1.3.6.1.4.1.6347.1.1.80.0
Zone 2 High Temp 2 Alarm Setpoint	AV	81	1.3.6.1.4.1.6347.1.1.81.0
Zone 2 Low Humidity Alarm Setpoint	AV	82	1.3.6.1.4.1.6347.1.1.82.0
Zone 2 High Humidity Alarm Setpoint	AV	83	1.3.6.1.4.1.6347.1.1.83.0
Zone 2 Continuous Blower Setting	MV	84	1.3.6.1.4.1.6347.1.1.84.0
Zone 2 Staging	MV	85	1.3.6.1.4.1.6347.1.1.85.0
Zone 2 Dehumid Type Setting	MV	86	1.3.6.1.4.1.6347.1.1.86.0
Zone 2 Passive Dehumid Setpoint	AV	87	1.3.6.1.4.1.6347.1.1.87.0
Zone 2 Active Dehumid Setpoint	AV	88	1.3.6.1.4.1.6347.1.1.88.0
Zone 2 Freecooling On Delay	AV	89	1.3.6.1.4.1.6347.1.1.89.0
Zone 2 Freecooling Off Delay	AV	90	1.3.6.1.4.1.6347.1.1.90.0
Zone 2 Cooling On Delay	AV	91	1.3.6.1.4.1.6347.1.1.91.0
Zone 2 Cooling Off Delay	AV	92	1.3.6.1.4.1.6347.1.1.92.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
Zone 2 Heating On Delay	AV	93	1.3.6.1.4.1.6347.1.1.93.0
Zone 2 Heating Off Delay	AV	94	1.3.6.1.4.1.6347.1.1.94.0
Zone 3 Cooling Setpoint	AV	95	1.3.6.1.4.1.6347.1.1.95.0
Zone 3 Heating Setpoint	AV	96	1.3.6.1.4.1.6347.1.1.96.0
Zone 3 Humidity Setpoint	AV	97	1.3.6.1.4.1.6347.1.1.97.0
Zone 3 Dehumid Off Setpoint	AV	98	1.3.6.1.4.1.6347.1.1.98.0
Zone 3 Low Temp Alarm Setpoint	AV	99	1.3.6.1.4.1.6347.1.1.99.0
Zone 3 High Temp Alarm Setpoint	AV	100	1.3.6.1.4.1.6347.1.1.100.0
Zone 3 High Temp 2 Alarm Setpoint	AV	101	1.3.6.1.4.1.6347.1.1.101.0
Zone 3 Low Humidity Alarm Setpoint	AV	102	1.3.6.1.4.1.6347.1.1.102.0
Zone 3 High Humidity Alarm Setpoint	AV	103	1.3.6.1.4.1.6347.1.1.103.0
Zone 3 Continuous Blower Setting	MV	104	1.3.6.1.4.1.6347.1.1.104.0
Zone 3 Staging	MV	105	1.3.6.1.4.1.6347.1.1.105.0
Zone 3 Dehumid Type Setting	MV	106	1.3.6.1.4.1.6347.1.1.106.0
Zone 3 Passive Dehumid Setpoint	AV	107	1.3.6.1.4.1.6347.1.1.107.0
Zone 3 Active Dehumid Setpoint	AV	108	1.3.6.1.4.1.6347.1.1.108.0
Zone 3 Freecooling On Delay	AV	109	1.3.6.1.4.1.6347.1.1.109.0
Zone 3 Freecooling Off Delay	AV	110	1.3.6.1.4.1.6347.1.1.110.0
Zone 3 Cooling On Delay	AV	111	1.3.6.1.4.1.6347.1.1.111.0
Zone 3 Cooling Off Delay	AV	112	1.3.6.1.4.1.6347.1.1.112.0
Zone 3 Heating On Delay	AV	113	1.3.6.1.4.1.6347.1.1.113.0
Zone 3 Heating Off Delay	AV	114	1.3.6.1.4.1.6347.1.1.114.0
Number Of Units	AI	115	1.3.6.1.4.1.6347.1.1.115.0
Humidification Setup	MI	116	1.3.6.1.4.1.6347.1.1.116.0
Humidifier Type	BI	117	1.3.6.1.4.1.6347.1.1.117.0
LC6000 User Interface Unit Of Measure	MI	118	1.3.6.1.4.1.6347.1.1.118.0
Zone 1 Indoor Humidity	AI	119	1.3.6.1.4.1.6347.1.1.119.0
Zone 1 Indoor Temp	AI	120	1.3.6.1.4.1.6347.1.1.120.0
Zone 1 Remote Temp	AI	121	1.3.6.1.4.1.6347.1.1.121.0
Zone 2 Indoor Humidity	AI	122	1.3.6.1.4.1.6347.1.1.122.0
Zone 2 Indoor Temp	AI	123	1.3.6.1.4.1.6347.1.1.123.0
Zone 3 Indoor Humidity	AI	124	1.3.6.1.4.1.6347.1.1.124.0
Zone 3 Indoor Temp	AI	125	1.3.6.1.4.1.6347.1.1.125.0
U01 Filter Switch Status 1	BI	1001	1.3.6.1.4.1.6347.1.2.1.0
U01 Filter Switch Status 2	BI	1002	1.3.6.1.4.1.6347.1.2.2.0
U01 Blower 1 Status	BI	1003	1.3.6.1.4.1.6347.1.2.3.0
U01 Blower 2 Status	BI	1004	1.3.6.1.4.1.6347.1.2.4.0
U01 Low Pressure Switch 1 Status	BI	1005	1.3.6.1.4.1.6347.1.2.5.0
U01 Damper Switch 1 Status	BI	1006	1.3.6.1.4.1.6347.1.2.6.0
U01 Damper Switch 2 Status	BI	1007	1.3.6.1.4.1.6347.1.2.7.0
U01 Damper Switch 3 Status	BI	1008	1.3.6.1.4.1.6347.1.2.8.0
U01 Damper Switch 4 Status	BI	1009	1.3.6.1.4.1.6347.1.2.9.0
U01 Reheat Valve 1	BI	1010	1.3.6.1.4.1.6347.1.2.10.0
U01 Electric Heat Stage 1	BI	1011	1.3.6.1.4.1.6347.1.2.11.0
U01 Electric Heat Stage 2	BI	1012	1.3.6.1.4.1.6347.1.2.12.0
U01 Freecooling Availability	BI	1013	1.3.6.1.4.1.6347.1.2.13.0
U01 Dirty Filter Indicator Light Stat	BI	1014	1.3.6.1.4.1.6347.1.2.14.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U01 Compressor Cooling Stage 1	BI	1015	1.3.6.1.4.1.6347.1.2.15.0
U01 Compressor Cooling Stage 2	BI	1016	1.3.6.1.4.1.6347.1.2.16.0
U01 Compressor Cooling Stage 3	BI	1017	1.3.6.1.4.1.6347.1.2.17.0
U01 Airflow Switch 1 Status	BI	1018	1.3.6.1.4.1.6347.1.2.18.0
U01 Airflow Switch 2 Status	BI	1019	1.3.6.1.4.1.6347.1.2.19.0
U01 High Pressure 1 / CCM Alarm Stat1	BI	1020	1.3.6.1.4.1.6347.1.2.20.0
U01 High Pressure 2 / CCM Alarm Stat2	BI	1021	1.3.6.1.4.1.6347.1.2.21.0
U01 Power Loss Input Status	BI	1022	1.3.6.1.4.1.6347.1.2.22.0
U01 Unit Disable Status	BI	1023	1.3.6.1.4.1.6347.1.2.23.0
U01 Error Num Of Retain Mem Writings	BI	1024	1.3.6.1.4.1.6347.1.2.24.0
U01 Error In Retain Memory Writings	BI	1025	1.3.6.1.4.1.6347.1.2.25.0
U01 Ckt1 Return Air Temp Sensor Fault	BI	1026	1.3.6.1.4.1.6347.1.2.26.0
U01 Ckt1 High Return Air Temp	BI	1027	1.3.6.1.4.1.6347.1.2.27.0
U01 Ckt1 Mixed Air Temp Sensor Fault	BI	1028	1.3.6.1.4.1.6347.1.2.28.0
U01 Ckt1 Mixed Air High Temp	BI	1029	1.3.6.1.4.1.6347.1.2.29.0
U01 Ckt1 Mixed Air Low Temp	BI	1030	1.3.6.1.4.1.6347.1.2.30.0
U01 Ckt1 Supply Air Temp Sensor Fault	BI	1031	1.3.6.1.4.1.6347.1.2.31.0
U01 Ckt1 High Supply Air Temp	BI	1032	1.3.6.1.4.1.6347.1.2.32.0
U01 Ckt1 Low Supply Air Temp	BI	1033	1.3.6.1.4.1.6347.1.2.33.0
U01 Outdoor Air Temp Sensor Fault	BI	1034	1.3.6.1.4.1.6347.1.2.34.0
U01 Outdoor Air Humidity Sensor Fault	BI	1035	1.3.6.1.4.1.6347.1.2.35.0
U01 Ckt1 Dust Sensor Fault	BI	1036	1.3.6.1.4.1.6347.1.2.36.0
U01 Ckt1 High Dust Levels Detected	BI	1037	1.3.6.1.4.1.6347.1.2.37.0
U01 Ckt1 Liquid Line Temp Sen Fault	BI	1038	1.3.6.1.4.1.6347.1.2.38.0
U01 Ckt1 Liquid Line Press Sen Fault	BI	1039	1.3.6.1.4.1.6347.1.2.39.0
U01 Ckt1 Suction Temp Sensor Fault	BI	1040	1.3.6.1.4.1.6347.1.2.40.0
U01 Ckt1 Suction Pressure Sen Fault	BI	1041	1.3.6.1.4.1.6347.1.2.41.0
U01 Ckt1 Low Pressure	BI	1042	1.3.6.1.4.1.6347.1.2.42.0
U01 Ckt1 High Pressure	BI	1043	1.3.6.1.4.1.6347.1.2.43.0
U01 Damper 1 Failed To Open	BI	1044	1.3.6.1.4.1.6347.1.2.44.0
U01 Damper 1 Failed To Close	BI	1045	1.3.6.1.4.1.6347.1.2.45.0
U01 Ckt1 Freeze Temp Sensor Fault	BI	1046	1.3.6.1.4.1.6347.1.2.46.0
U01 Ckt1 Freeze Condition	BI	1047	1.3.6.1.4.1.6347.1.2.47.0
U01 Ckt1 No Airflow Alarm	BI	1048	1.3.6.1.4.1.6347.1.2.48.0
U01 Dirty Filter 1	BI	1049	1.3.6.1.4.1.6347.1.2.49.0
U01 Emergency Ventilation	BI	1050	1.3.6.1.4.1.6347.1.2.50.0
U01 Emergency Cooling	BI	1051	1.3.6.1.4.1.6347.1.2.51.0
U01 Unit Disable Input Active	BI	1052	1.3.6.1.4.1.6347.1.2.52.0
U01 Power Loss Detected	BI	1053	1.3.6.1.4.1.6347.1.2.53.0
U01 Ckt1 Eev Low Superheat	BI	1054	1.3.6.1.4.1.6347.1.2.54.0
U01 Ckt2 Mixed Air Temp Sensor Fault	BI	1055	1.3.6.1.4.1.6347.1.2.55.0
U01 Ckt2 Mixed Air High Temp	BI	1056	1.3.6.1.4.1.6347.1.2.56.0
U01 Ckt2 Mixed Air Low Temp	BI	1057	1.3.6.1.4.1.6347.1.2.57.0
U01 Ckt2 Supply Air Temp Sensor Fault	BI	1058	1.3.6.1.4.1.6347.1.2.58.0
U01 Ckt2 High Supply Air Temp	BI	1059	1.3.6.1.4.1.6347.1.2.59.0
U01 Ckt2 Low Supply Air Temp	BI	1060	1.3.6.1.4.1.6347.1.2.60.0
U01 Ckt2 Liquid Line Temp Sen Fault	BI	1061	1.3.6.1.4.1.6347.1.2.61.0
U01 Ckt2 Liquid Line Press Sen Fault	BI	1062	1.3.6.1.4.1.6347.1.2.62.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U01 Ckt2 Suction Temp Sensor Fault	BI	1063	1.3.6.1.4.1.6347.1.2.63.0
U01 Ckt2 Suction Pressure Sen Fault	BI	1064	1.3.6.1.4.1.6347.1.2.64.0
U01 Ckt2 Low Pressure	BI	1065	1.3.6.1.4.1.6347.1.2.65.0
U01 Ckt2 High Pressure	BI	1066	1.3.6.1.4.1.6347.1.2.66.0
U01 Damper 2 Failed To Close	BI	1067	1.3.6.1.4.1.6347.1.2.67.0
U01 Damper 2 Failed To Open	BI	1068	1.3.6.1.4.1.6347.1.2.68.0
U01 Damper 3 Failed To Open	BI	1069	1.3.6.1.4.1.6347.1.2.69.0
U01 Damper 3 Failed To Close	BI	1070	1.3.6.1.4.1.6347.1.2.70.0
U01 Damper 4 Failed To Open	BI	1071	1.3.6.1.4.1.6347.1.2.71.0
U01 Damper 4 Failed To Close	BI	1072	1.3.6.1.4.1.6347.1.2.72.0
U01 Ckt2 Freeze Temp Sensor Fault	BI	1073	1.3.6.1.4.1.6347.1.2.73.0
U01 Ckt2 Freeze Condition	BI	1074	1.3.6.1.4.1.6347.1.2.74.0
U01 Ckt2 No Airflow Alarm	BI	1075	1.3.6.1.4.1.6347.1.2.75.0
U01 Dirty Filter 2	BI	1076	1.3.6.1.4.1.6347.1.2.76.0
U01 Dirty Filter 3	BI	1077	1.3.6.1.4.1.6347.1.2.77.0
U01 Dirty Filter 4	BI	1078	1.3.6.1.4.1.6347.1.2.78.0
U01 Ckt2 Eev Low Superheat	BI	1079	1.3.6.1.4.1.6347.1.2.79.0
U01 C.Pcoe Offline	BI	1080	1.3.6.1.4.1.6347.1.2.80.0
U01 Blower 1 Offline	BI	1081	1.3.6.1.4.1.6347.1.2.81.0
U01 Blower 1 Trouble Alarm	BI	1082	1.3.6.1.4.1.6347.1.2.82.0
U01 Blower 2 Offline	BI	1083	1.3.6.1.4.1.6347.1.2.83.0
U01 Blower 2 Trouble Alarm	BI	1084	1.3.6.1.4.1.6347.1.2.84.0
U01 Condenser Fan 1 Offline	BI	1085	1.3.6.1.4.1.6347.1.2.85.0
U01 Fan 1 Trouble Alarm	BI	1086	1.3.6.1.4.1.6347.1.2.86.0
U01 Condenser Fan 2 Offline	BI	1087	1.3.6.1.4.1.6347.1.2.87.0
U01 Fan 2 Trouble Alarm	BI	1088	1.3.6.1.4.1.6347.1.2.88.0
U01 Ckt1 Low Return Air Temp	BI	1089	1.3.6.1.4.1.6347.1.2.89.0
U01 Blower Or Fan Panel Open	BI	1090	1.3.6.1.4.1.6347.1.2.90.0
U01 Compressor 1 Status	MI	1091	1.3.6.1.4.1.6347.1.2.91.0
U01 Compressor 2 Status	MI	1092	1.3.6.1.4.1.6347.1.2.92.0
U01 Mixed Air Temp 1	AI	1093	1.3.6.1.4.1.6347.1.2.93.0
U01 Mixed Air Temp 2	AI	1094	1.3.6.1.4.1.6347.1.2.94.0
U01 Zone	AI	1095	1.3.6.1.4.1.6347.1.2.95.0
U01 Outdoor Air Temp 1	AI	1096	1.3.6.1.4.1.6347.1.2.96.0
U01 Return Air Temp 1	AI	1097	1.3.6.1.4.1.6347.1.2.97.0
U01 Outdoor Air Humidity 1	AI	1098	1.3.6.1.4.1.6347.1.2.98.0
U01 Evaporator Temp 1	AI	1099	1.3.6.1.4.1.6347.1.2.99.0
U01 Blower 1 Speed	AI	1100	1.3.6.1.4.1.6347.1.2.100.0
U01 Blower 2 Speed	AI	1101	1.3.6.1.4.1.6347.1.2.101.0
U01 Dust Sensor 1	AI	1102	1.3.6.1.4.1.6347.1.2.102.0
U01 Liquid Temp 1	AI	1103	1.3.6.1.4.1.6347.1.2.103.0
U01 Liquid Temp 2	AI	1104	1.3.6.1.4.1.6347.1.2.104.0
U01 Liquid Pressure 1	AI	1105	1.3.6.1.4.1.6347.1.2.105.0
U01 Liquid Pressure 2	AI	1106	1.3.6.1.4.1.6347.1.2.106.0
U01 Suction Pressure 1	AI	1107	1.3.6.1.4.1.6347.1.2.107.0
U01 Suction Pressure 2	AI	1108	1.3.6.1.4.1.6347.1.2.108.0
U01 Suction Temp 1	AI	1109	1.3.6.1.4.1.6347.1.2.109.0
U01 Suction Temp 2	AI	1110	1.3.6.1.4.1.6347.1.2.110.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U01 Supply Air Temp 1	AI	1111	1.3.6.1.4.1.6347.1.2.111.0
U01 Supply Air Temp 2	AI	1112	1.3.6.1.4.1.6347.1.2.112.0
U01 Condenser Fan Speed 1	AI	1113	1.3.6.1.4.1.6347.1.2.113.0
U01 Condenser Fan Speed 2	AI	1114	1.3.6.1.4.1.6347.1.2.114.0
U01 Damper Position 1	AI	1115	1.3.6.1.4.1.6347.1.2.115.0
U01 Damper Position 2	AI	1116	1.3.6.1.4.1.6347.1.2.116.0
U01 Damper Position 3	AI	1117	1.3.6.1.4.1.6347.1.2.117.0
U01 Damper Position 4	AI	1118	1.3.6.1.4.1.6347.1.2.118.0
U01 Electronic Expansion Valve 1 Pos	AI	1119	1.3.6.1.4.1.6347.1.2.119.0
U01 Electronic Expansion Valve 2 Pos	AI	1120	1.3.6.1.4.1.6347.1.2.120.0
U01 Number Of Cooling Stages	AI	1121	1.3.6.1.4.1.6347.1.2.121.0
U01 Number Of Heating Stages	AI	1122	1.3.6.1.4.1.6347.1.2.122.0
U01 Number Of Freecooling Stages	AI	1123	1.3.6.1.4.1.6347.1.2.123.0
U01 Outdoor Air Dewpoint	AI	1124	1.3.6.1.4.1.6347.1.2.124.0
U01 Dehumid Type	MI	1125	1.3.6.1.4.1.6347.1.2.125.0
U01 Subcooling 1	AI	1126	1.3.6.1.4.1.6347.1.2.126.0
U01 Superheat 1	AI	1127	1.3.6.1.4.1.6347.1.2.127.0
U01 Superheat 2	AI	1128	1.3.6.1.4.1.6347.1.2.128.0
U01 Subcooling 2	AI	1129	1.3.6.1.4.1.6347.1.2.129.0
U01 Wall Unit Software Version X	AI	1130	1.3.6.1.4.1.6347.1.2.130.0
U01 Wall Unit Software Version Y	AI	1131	1.3.6.1.4.1.6347.1.2.131.0
U01 Wall Unit Software Version Z	AI	1132	1.3.6.1.4.1.6347.1.2.132.0
U01 Unit Runtime	AI	1133	1.3.6.1.4.1.6347.1.2.133.0
U01 Unit Starts	AI	1134	1.3.6.1.4.1.6347.1.2.134.0
U01 Fan 1 Runtime	AI	1135	1.3.6.1.4.1.6347.1.2.135.0
U01 Fan 1 Starts	AI	1136	1.3.6.1.4.1.6347.1.2.136.0
U01 Fan 2 Runtime	AI	1137	1.3.6.1.4.1.6347.1.2.137.0
U01 Fan 2 Starts	AI	1138	1.3.6.1.4.1.6347.1.2.138.0
U01 Blower 1 Runtime	AI	1139	1.3.6.1.4.1.6347.1.2.139.0
U01 Blower 1 Starts	AI	1140	1.3.6.1.4.1.6347.1.2.140.0
U01 Blower 2 Runtime	AI	1141	1.3.6.1.4.1.6347.1.2.141.0
U01 Blower 2 Starts	AI	1142	1.3.6.1.4.1.6347.1.2.142.0
U01 Freecooling 1 Runtime	AI	1143	1.3.6.1.4.1.6347.1.2.143.0
U01 Freecooling 1 Starts	AI	1144	1.3.6.1.4.1.6347.1.2.144.0
U01 Freecooling 2 Runtime	AI	1145	1.3.6.1.4.1.6347.1.2.145.0
U01 Freecooling 2 Starts	AI	1146	1.3.6.1.4.1.6347.1.2.146.0
U01 Compressor Stage 1 Runtime	AI	1147	1.3.6.1.4.1.6347.1.2.147.0
U01 Compressor Stage 1 Starts	AI	1148	1.3.6.1.4.1.6347.1.2.148.0
U01 Compressor Stage 2 Runtime	AI	1149	1.3.6.1.4.1.6347.1.2.149.0
U01 Compressor Stage 2 Starts	AI	1150	1.3.6.1.4.1.6347.1.2.150.0
U01 Compressor Stage 3 Runtime	AI	1151	1.3.6.1.4.1.6347.1.2.151.0
U01 Compressor Stage 3 Starts	AI	1152	1.3.6.1.4.1.6347.1.2.152.0
U01 Compressor 4 Runtime	AI	1153	1.3.6.1.4.1.6347.1.2.153.0
U01 Compressor 4 Starts	AI	1154	1.3.6.1.4.1.6347.1.2.154.0
U01 Electric Heat Stage 1 Runtime	AI	1155	1.3.6.1.4.1.6347.1.2.155.0
U01 Electric Heat Stage 1 Starts	AI	1156	1.3.6.1.4.1.6347.1.2.156.0
U01 Electric Heat Stage 2 Runtime	AI	1157	1.3.6.1.4.1.6347.1.2.157.0
U01 Electric Heat Stage 2 Starts	AI	1158	1.3.6.1.4.1.6347.1.2.158.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U01 Electric Heat Stage 3 Runtime	AI	1159	1.3.6.1.4.1.6347.1.2.159.0
U01 Electric Heat Stage 3 Starts	AI	1160	1.3.6.1.4.1.6347.1.2.160.0
U01 Electric Heat Stage 4 Runtime	AI	1161	1.3.6.1.4.1.6347.1.2.161.0
U01 Electric Heat Stage 4 Starts	AI	1162	1.3.6.1.4.1.6347.1.2.162.0
U01 Unit Lifetime Hours	AI	1163	1.3.6.1.4.1.6347.1.2.163.0
U01 Blower 1 Lifetime Hours	AI	1164	1.3.6.1.4.1.6347.1.2.164.0
U01 Blower 2 Lifetime Hours	AI	1165	1.3.6.1.4.1.6347.1.2.165.0
U01 Fan 1 Lifetime Hours	AI	1166	1.3.6.1.4.1.6347.1.2.166.0
U01 Fan 2 Lifetime Hours	AI	1167	1.3.6.1.4.1.6347.1.2.167.0
U01 Compressor Stage 1 Lifetime Hours	AI	1168	1.3.6.1.4.1.6347.1.2.168.0
U01 Compressor Stage 2 Lifetime Hours	AI	1169	1.3.6.1.4.1.6347.1.2.169.0
U01 Compressor Stage 3 Lifetime Hours	AI	1170	1.3.6.1.4.1.6347.1.2.170.0
U01 Compressor Stage 4 Lifetime Hours	AI	1171	1.3.6.1.4.1.6347.1.2.171.0
U01 Elec Heat Stage 1 Lifetime Hours	AI	1172	1.3.6.1.4.1.6347.1.2.172.0
U01 Elec Heat Stage 2 Lifetime Hours	AI	1173	1.3.6.1.4.1.6347.1.2.173.0
U01 Elec Heat Stage 3 Lifetime Hours	AI	1174	1.3.6.1.4.1.6347.1.2.174.0
U01 Elec Heat Stage 4 Lifetime Hours	AI	1175	1.3.6.1.4.1.6347.1.2.175.0
U01 Freecooling 1 Lifetime Hours	AI	1176	1.3.6.1.4.1.6347.1.2.176.0
U01 Freecooling 2 Lifetime Hours	AI	1177	1.3.6.1.4.1.6347.1.2.177.0
U01 Unit Type	MI	1178	1.3.6.1.4.1.6347.1.2.178.0
U01 Unit Status	MI	1179	1.3.6.1.4.1.6347.1.2.179.0
U02 Filter Switch Status 1	BI	2001	1.3.6.1.4.1.6347.1.3.1.0
U02 Filter Switch Status 2	BI	2002	1.3.6.1.4.1.6347.1.3.2.0
U02 Blower 1 Status	BI	2003	1.3.6.1.4.1.6347.1.3.3.0
U02 Blower 2 Status	BI	2004	1.3.6.1.4.1.6347.1.3.4.0
U02 Low Pressure Switch 1 Status	BI	2005	1.3.6.1.4.1.6347.1.3.5.0
U02 Damper Switch 1 Status	BI	2006	1.3.6.1.4.1.6347.1.3.6.0
U02 Damper Switch 2 Status	BI	2007	1.3.6.1.4.1.6347.1.3.7.0
U02 Damper Switch 3 Status	BI	2008	1.3.6.1.4.1.6347.1.3.8.0
U02 Damper Switch 4 Status	BI	2009	1.3.6.1.4.1.6347.1.3.9.0
U02 Reheat Valve 1	BI	2010	1.3.6.1.4.1.6347.1.3.10.0
U02 Electric Heat Stage 1	BI	2011	1.3.6.1.4.1.6347.1.3.11.0
U02 Electric Heat Stage 2	BI	2012	1.3.6.1.4.1.6347.1.3.12.0
U02 Freecooling Availability	BI	2013	1.3.6.1.4.1.6347.1.3.13.0
U02 Dirty Filter Indicator Light Stat	BI	2014	1.3.6.1.4.1.6347.1.3.14.0
U02 Compressor Cooling Stage 1	BI	2015	1.3.6.1.4.1.6347.1.3.15.0
U02 Compressor Cooling Stage 2	BI	2016	1.3.6.1.4.1.6347.1.3.16.0
U02 Compressor Cooling Stage 3	BI	2017	1.3.6.1.4.1.6347.1.3.17.0
U02 Airflow Switch 1 Status	BI	2018	1.3.6.1.4.1.6347.1.3.18.0
U02 Airflow Switch 2 Status	BI	2019	1.3.6.1.4.1.6347.1.3.19.0
U02 High Pressure 1 / CCM Alarm Stat1	BI	2020	1.3.6.1.4.1.6347.1.3.20.0
U02 High Pressure 2 / CCM Alarm Stat2	BI	2021	1.3.6.1.4.1.6347.1.3.21.0
U02 Power Loss Input Status	BI	2022	1.3.6.1.4.1.6347.1.3.22.0
U02 Unit Disable Status	BI	2023	1.3.6.1.4.1.6347.1.3.23.0
U02 Error Num Of Retain Mem Writings	BI	2024	1.3.6.1.4.1.6347.1.3.24.0
U02 Error In Retain Memory Writings	BI	2025	1.3.6.1.4.1.6347.1.3.25.0
U02 Ckt1 Return Air Temp Sensor Fault	BI	2026	1.3.6.1.4.1.6347.1.3.26.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U02 Ckt1 High Return Air Temp	BI	2027	1.3.6.1.4.1.6347.1.3.27.0
U02 Ckt1 Mixed Air Temp Sensor Fault	BI	2028	1.3.6.1.4.1.6347.1.3.28.0
U02 Ckt1 Mixed Air High Temp	BI	2029	1.3.6.1.4.1.6347.1.3.29.0
U02 Ckt1 Mixed Air Low Temp	BI	2030	1.3.6.1.4.1.6347.1.3.30.0
U02 Ckt1 Supply Air Temp Sensor Fault	BI	2031	1.3.6.1.4.1.6347.1.3.31.0
U02 Ckt1 High Supply Air Temp	BI	2032	1.3.6.1.4.1.6347.1.3.32.0
U02 Ckt1 Low Supply Air Temp	BI	2033	1.3.6.1.4.1.6347.1.3.33.0
U02 Outdoor Air Temp Sensor Fault	BI	2034	1.3.6.1.4.1.6347.1.3.34.0
U02 Outdoor Air Humidity Sensor Fault	BI	2035	1.3.6.1.4.1.6347.1.3.35.0
U02 Ckt1 Dust Sensor Fault	BI	2036	1.3.6.1.4.1.6347.1.3.36.0
U02 Ckt1 High Dust Levels Detected	BI	2037	1.3.6.1.4.1.6347.1.3.37.0
U02 Ckt1 Liquid Line Temp Sen Fault	BI	2038	1.3.6.1.4.1.6347.1.3.38.0
U02 Ckt1 Liquid Line Press Sen Fault	BI	2039	1.3.6.1.4.1.6347.1.3.39.0
U02 Ckt1 Suction Temp Sensor Fault	BI	2040	1.3.6.1.4.1.6347.1.3.40.0
U02 Ckt1 Suction Pressure Sen Fault	BI	2041	1.3.6.1.4.1.6347.1.3.41.0
U02 Ckt1 Low Pressure	BI	2042	1.3.6.1.4.1.6347.1.3.42.0
U02 Ckt1 High Pressure	BI	2043	1.3.6.1.4.1.6347.1.3.43.0
U02 Damper 1 Failed To Open	BI	2044	1.3.6.1.4.1.6347.1.3.44.0
U02 Damper 1 Failed To Close	BI	2045	1.3.6.1.4.1.6347.1.3.45.0
U02 Ckt1 Freeze Temp Sensor Fault	BI	2046	1.3.6.1.4.1.6347.1.3.46.0
U02 Ckt1 Freeze Condition	BI	2047	1.3.6.1.4.1.6347.1.3.47.0
U02 Ckt1 No Airflow Alarm	BI	2048	1.3.6.1.4.1.6347.1.3.48.0
U02 Dirty Filter 1	BI	2049	1.3.6.1.4.1.6347.1.3.49.0
U02 Emergency Ventilation	BI	2050	1.3.6.1.4.1.6347.1.3.50.0
U02 Emergency Cooling	BI	2051	1.3.6.1.4.1.6347.1.3.51.0
U02 Unit Disable Input Active	BI	2052	1.3.6.1.4.1.6347.1.3.52.0
U02 Power Loss Detected	BI	2053	1.3.6.1.4.1.6347.1.3.53.0
U02 Ckt1 Eev Low Superheat	BI	2054	1.3.6.1.4.1.6347.1.3.54.0
U02 Ckt2 Mixed Air Temp Sensor Fault	BI	2055	1.3.6.1.4.1.6347.1.3.55.0
U02 Ckt2 Mixed Air High Temp	BI	2056	1.3.6.1.4.1.6347.1.3.56.0
U02 Ckt2 Mixed Air Low Temp	BI	2057	1.3.6.1.4.1.6347.1.3.57.0
U02 Ckt2 Supply Air Temp Sensor Fault	BI	2058	1.3.6.1.4.1.6347.1.3.58.0
U02 Ckt2 High Supply Air Temp	BI	2059	1.3.6.1.4.1.6347.1.3.59.0
U02 Ckt2 Low Supply Air Temp	BI	2060	1.3.6.1.4.1.6347.1.3.60.0
U02 Ckt2 Liquid Line Temp Sen Fault	BI	2061	1.3.6.1.4.1.6347.1.3.61.0
U02 Ckt2 Liquid Line Press Sen Fault	BI	2062	1.3.6.1.4.1.6347.1.3.62.0
U02 Ckt2 Suction Temp Sensor Fault	BI	2063	1.3.6.1.4.1.6347.1.3.63.0
U02 Ckt2 Suction Pressure Sen Fault	BI	2064	1.3.6.1.4.1.6347.1.3.64.0
U02 Ckt2 Low Pressure	BI	2065	1.3.6.1.4.1.6347.1.3.65.0
U02 Ckt2 High Pressure	BI	2066	1.3.6.1.4.1.6347.1.3.66.0
U02 Damper 2 Failed To Close	BI	2067	1.3.6.1.4.1.6347.1.3.67.0
U02 Damper 2 Failed To Open	BI	2068	1.3.6.1.4.1.6347.1.3.68.0
U02 Damper 3 Failed To Open	BI	2069	1.3.6.1.4.1.6347.1.3.69.0
U02 Damper 3 Failed To Close	BI	2070	1.3.6.1.4.1.6347.1.3.70.0
U02 Damper 4 Failed To Open	BI	2071	1.3.6.1.4.1.6347.1.3.71.0
U02 Damper 4 Failed To Close	BI	2072	1.3.6.1.4.1.6347.1.3.72.0
U02 Ckt2 Freeze Temp Sensor Fault	BI	2073	1.3.6.1.4.1.6347.1.3.73.0
U02 Ckt2 Freeze Condition	BI	2074	1.3.6.1.4.1.6347.1.3.74.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U02 Ckt2 No Airflow Alarm	BI	2075	1.3.6.1.4.1.6347.1.3.75.0
U02 Dirty Filter 2	BI	2076	1.3.6.1.4.1.6347.1.3.76.0
U02 Dirty Filter 3	BI	2077	1.3.6.1.4.1.6347.1.3.77.0
U02 Dirty Filter 4	BI	2078	1.3.6.1.4.1.6347.1.3.78.0
U02 Ckt2 Eev Low Superheat	BI	2079	1.3.6.1.4.1.6347.1.3.79.0
U02 C.Pcoe Offline	BI	2080	1.3.6.1.4.1.6347.1.3.80.0
U02 Blower 1 Offline	BI	2081	1.3.6.1.4.1.6347.1.3.81.0
U02 Blower 1 Trouble Alarm	BI	2082	1.3.6.1.4.1.6347.1.3.82.0
U02 Blower 2 Offline	BI	2083	1.3.6.1.4.1.6347.1.3.83.0
U02 Blower 2 Trouble Alarm	BI	2084	1.3.6.1.4.1.6347.1.3.84.0
U02 Condenser Fan 1 Offline	BI	2085	1.3.6.1.4.1.6347.1.3.85.0
U02 Fan 1 Trouble Alarm	BI	2086	1.3.6.1.4.1.6347.1.3.86.0
U02 Condenser Fan 2 Offline	BI	2087	1.3.6.1.4.1.6347.1.3.87.0
U02 Fan 2 Trouble Alarm	BI	2088	1.3.6.1.4.1.6347.1.3.88.0
U02 Ckt1 Low Return Air Temp	BI	2089	1.3.6.1.4.1.6347.1.3.89.0
U02 Blower Or Fan Panel Open	BI	2090	1.3.6.1.4.1.6347.1.3.90.0
U02 Compressor 1 Status	MI	2091	1.3.6.1.4.1.6347.1.3.91.0
U02 Compressor 2 Status	MI	2092	1.3.6.1.4.1.6347.1.3.92.0
U02 Mixed Air Temp 1	AI	2093	1.3.6.1.4.1.6347.1.3.93.0
U02 Mixed Air Temp 2	AI	2094	1.3.6.1.4.1.6347.1.3.94.0
U02 Zone	AI	2095	1.3.6.1.4.1.6347.1.3.95.0
U02 Outdoor Air Temp 1	AI	2096	1.3.6.1.4.1.6347.1.3.96.0
U02 Return Air Temp 1	AI	2097	1.3.6.1.4.1.6347.1.3.97.0
U02 Outdoor Air Humidity 1	AI	2098	1.3.6.1.4.1.6347.1.3.98.0
U02 Evaporator Temp 1	AI	2099	1.3.6.1.4.1.6347.1.3.99.0
U02 Blower 1 Speed	AI	2100	1.3.6.1.4.1.6347.1.3.100.0
U02 Blower 2 Speed	AI	2101	1.3.6.1.4.1.6347.1.3.101.0
U02 Dust Sensor 1	AI	2102	1.3.6.1.4.1.6347.1.3.102.0
U02 Liquid Temp 1	AI	2103	1.3.6.1.4.1.6347.1.3.103.0
U02 Liquid Temp 2	AI	2104	1.3.6.1.4.1.6347.1.3.104.0
U02 Liquid Pressure 1	AI	2105	1.3.6.1.4.1.6347.1.3.105.0
U02 Liquid Pressure 2	AI	2106	1.3.6.1.4.1.6347.1.3.106.0
U02 Suction Pressure 1	AI	2107	1.3.6.1.4.1.6347.1.3.107.0
U02 Suction Pressure 2	AI	2108	1.3.6.1.4.1.6347.1.3.108.0
U02 Suction Temp 1	AI	2109	1.3.6.1.4.1.6347.1.3.109.0
U02 Suction Temp 2	AI	2110	1.3.6.1.4.1.6347.1.3.110.0
U02 Supply Air Temp 1	AI	2111	1.3.6.1.4.1.6347.1.3.111.0
U02 Supply Air Temp 2	AI	2112	1.3.6.1.4.1.6347.1.3.112.0
U02 Condenser Fan Speed 1	AI	2113	1.3.6.1.4.1.6347.1.3.113.0
U02 Condenser Fan Speed 2	AI	2114	1.3.6.1.4.1.6347.1.3.114.0
U02 Damper Position 1	AI	2115	1.3.6.1.4.1.6347.1.3.115.0
U02 Damper Position 2	AI	2116	1.3.6.1.4.1.6347.1.3.116.0
U02 Damper Position 3	AI	2117	1.3.6.1.4.1.6347.1.3.117.0
U02 Damper Position 4	AI	2118	1.3.6.1.4.1.6347.1.3.118.0
U02 Electronic Expansion Valve 1 Pos	AI	2119	1.3.6.1.4.1.6347.1.3.119.0
U02 Electronic Expansion Valve 2 Pos	AI	2120	1.3.6.1.4.1.6347.1.3.120.0
U02 Number Of Cooling Stages	AI	2121	1.3.6.1.4.1.6347.1.3.121.0
U02 Number Of Heating Stages	AI	2122	1.3.6.1.4.1.6347.1.3.122.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U02 Number Of Freecooling Stages	AI	2123	1.3.6.1.4.1.6347.1.3.123.0
U02 Outdoor Air Dewpoint	AI	2124	1.3.6.1.4.1.6347.1.3.124.0
U02 Dehumid Type	MI	2125	1.3.6.1.4.1.6347.1.3.125.0
U02 Subcooling 1	AI	2126	1.3.6.1.4.1.6347.1.3.126.0
U02 Superheat 1	AI	2127	1.3.6.1.4.1.6347.1.3.127.0
U02 Superheat 2	AI	2128	1.3.6.1.4.1.6347.1.3.128.0
U02 Subcooling 2	AI	2129	1.3.6.1.4.1.6347.1.3.129.0
U02 Wall Unit Software Version X	AI	2130	1.3.6.1.4.1.6347.1.3.130.0
U02 Wall Unit Software Version Y	AI	2131	1.3.6.1.4.1.6347.1.3.131.0
U02 Wall Unit Software Version Z	AI	2132	1.3.6.1.4.1.6347.1.3.132.0
U02 Unit Runtime	AI	2133	1.3.6.1.4.1.6347.1.3.133.0
U02 Unit Starts	AI	2134	1.3.6.1.4.1.6347.1.3.134.0
U02 Fan 1 Runtime	AI	2135	1.3.6.1.4.1.6347.1.3.135.0
U02 Fan 1 Starts	AI	2136	1.3.6.1.4.1.6347.1.3.136.0
U02 Fan 2 Runtime	AI	2137	1.3.6.1.4.1.6347.1.3.137.0
U02 Fan 2 Starts	AI	2138	1.3.6.1.4.1.6347.1.3.138.0
U02 Blower 1 Runtime	AI	2139	1.3.6.1.4.1.6347.1.3.139.0
U02 Blower 1 Starts	AI	2140	1.3.6.1.4.1.6347.1.3.140.0
U02 Blower 2 Runtime	AI	2141	1.3.6.1.4.1.6347.1.3.141.0
U02 Blower 2 Starts	AI	2142	1.3.6.1.4.1.6347.1.3.142.0
U02 Freecooling 1 Runtime	AI	2143	1.3.6.1.4.1.6347.1.3.143.0
U02 Freecooling 1 Starts	AI	2144	1.3.6.1.4.1.6347.1.3.144.0
U02 Freecooling 2 Runtime	AI	2145	1.3.6.1.4.1.6347.1.3.145.0
U02 Freecooling 2 Starts	AI	2146	1.3.6.1.4.1.6347.1.3.146.0
U02 Compressor Stage 1 Runtime	AI	2147	1.3.6.1.4.1.6347.1.3.147.0
U02 Compressor Stage 1 Starts	AI	2148	1.3.6.1.4.1.6347.1.3.148.0
U02 Compressor Stage 2 Runtime	AI	2149	1.3.6.1.4.1.6347.1.3.149.0
U02 Compressor Stage 2 Starts	AI	2150	1.3.6.1.4.1.6347.1.3.150.0
U02 Compressor Stage 3 Runtime	AI	2151	1.3.6.1.4.1.6347.1.3.151.0
U02 Compressor Stage 3 Starts	AI	2152	1.3.6.1.4.1.6347.1.3.152.0
U02 Compressor 4 Runtime	AI	2153	1.3.6.1.4.1.6347.1.3.153.0
U02 Compressor 4 Starts	AI	2154	1.3.6.1.4.1.6347.1.3.154.0
U02 Electric Heat Stage 1 Runtime	AI	2155	1.3.6.1.4.1.6347.1.3.155.0
U02 Electric Heat Stage 1 Starts	AI	2156	1.3.6.1.4.1.6347.1.3.156.0
U02 Electric Heat Stage 2 Runtime	AI	2157	1.3.6.1.4.1.6347.1.3.157.0
U02 Electric Heat Stage 2 Starts	AI	2158	1.3.6.1.4.1.6347.1.3.158.0
U02 Electric Heat Stage 3 Runtime	AI	2159	1.3.6.1.4.1.6347.1.3.159.0
U02 Electric Heat Stage 3 Starts	AI	2160	1.3.6.1.4.1.6347.1.3.160.0
U02 Electric Heat Stage 4 Runtime	AI	2161	1.3.6.1.4.1.6347.1.3.161.0
U02 Electric Heat Stage 4 Starts	AI	2162	1.3.6.1.4.1.6347.1.3.162.0
U02 Unit Lifetime Hours	AI	2163	1.3.6.1.4.1.6347.1.3.163.0
U02 Blower 1 Lifetime Hours	AI	2164	1.3.6.1.4.1.6347.1.3.164.0
U02 Blower 2 Lifetime Hours	AI	2165	1.3.6.1.4.1.6347.1.3.165.0
U02 Fan 1 Lifetime Hours	AI	2166	1.3.6.1.4.1.6347.1.3.166.0
U02 Fan 2 Lifetime Hours	AI	2167	1.3.6.1.4.1.6347.1.3.167.0
U02 Compressor Stage 1 Lifetime Hours	AI	2168	1.3.6.1.4.1.6347.1.3.168.0
U02 Compressor Stage 2 Lifetime Hours	AI	2169	1.3.6.1.4.1.6347.1.3.169.0
U02 Compressor Stage 3 Lifetime Hours	AI	2170	1.3.6.1.4.1.6347.1.3.170.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U02 Compressor Stage 4 Lifetime Hours	AI	2171	1.3.6.1.4.1.6347.1.3.171.0
U02 Elec Heat Stage 1 Lifetime Hours	AI	2172	1.3.6.1.4.1.6347.1.3.172.0
U02 Elec Heat Stage 2 Lifetime Hours	AI	2173	1.3.6.1.4.1.6347.1.3.173.0
U02 Elec Heat Stage 3 Lifetime Hours	AI	2174	1.3.6.1.4.1.6347.1.3.174.0
U02 Elec Heat Stage 4 Lifetime Hours	AI	2175	1.3.6.1.4.1.6347.1.3.175.0
U02 Freecooling 1 Lifetime Hours	AI	2176	1.3.6.1.4.1.6347.1.3.176.0
U02 Freecooling 2 Lifetime Hours	AI	2177	1.3.6.1.4.1.6347.1.3.177.0
U02 Unit Type	MI	2178	1.3.6.1.4.1.6347.1.3.178.0
U02 Unit Status	MI	2179	1.3.6.1.4.1.6347.1.3.179.0
U03 Filter Switch Status 1	BI	3001	1.3.6.1.4.1.6347.1.4.1.0
U03 Filter Switch Status 2	BI	3002	1.3.6.1.4.1.6347.1.4.2.0
U03 Blower 1 Status	BI	3003	1.3.6.1.4.1.6347.1.4.3.0
U03 Blower 2 Status	BI	3004	1.3.6.1.4.1.6347.1.4.4.0
U03 Low Pressure Switch 1 Status	BI	3005	1.3.6.1.4.1.6347.1.4.5.0
U03 Damper Switch 1 Status	BI	3006	1.3.6.1.4.1.6347.1.4.6.0
U03 Damper Switch 2 Status	BI	3007	1.3.6.1.4.1.6347.1.4.7.0
U03 Damper Switch 3 Status	BI	3008	1.3.6.1.4.1.6347.1.4.8.0
U03 Damper Switch 4 Status	BI	3009	1.3.6.1.4.1.6347.1.4.9.0
U03 Reheat Valve 1	BI	3010	1.3.6.1.4.1.6347.1.4.10.0
U03 Electric Heat Stage 1	BI	3011	1.3.6.1.4.1.6347.1.4.11.0
U03 Electric Heat Stage 2	BI	3012	1.3.6.1.4.1.6347.1.4.12.0
U03 Freecooling Availability	BI	3013	1.3.6.1.4.1.6347.1.4.13.0
U03 Dirty Filter Indicator Light Stat	BI	3014	1.3.6.1.4.1.6347.1.4.14.0
U03 Compressor Cooling Stage 1	BI	3015	1.3.6.1.4.1.6347.1.4.15.0
U03 Compressor Cooling Stage 2	BI	3016	1.3.6.1.4.1.6347.1.4.16.0
U03 Compressor Cooling Stage 3	BI	3017	1.3.6.1.4.1.6347.1.4.17.0
U03 Airflow Switch 1 Status	BI	3018	1.3.6.1.4.1.6347.1.4.18.0
U03 Airflow Switch 2 Status	BI	3019	1.3.6.1.4.1.6347.1.4.19.0
U03 High Pressure 1 / CCM Alarm Stat1	BI	3020	1.3.6.1.4.1.6347.1.4.20.0
U03 High Pressure 2 / CCM Alarm Stat2	BI	3021	1.3.6.1.4.1.6347.1.4.21.0
U03 Power Loss Input Status	BI	3022	1.3.6.1.4.1.6347.1.4.22.0
U03 Unit Disable Status	BI	3023	1.3.6.1.4.1.6347.1.4.23.0
U03 Error Num Of Retain Mem Writings	BI	3024	1.3.6.1.4.1.6347.1.4.24.0
U03 Error In Retain Memory Writings	BI	3025	1.3.6.1.4.1.6347.1.4.25.0
U03 Ckt1 Return Air Temp Sensor Fault	BI	3026	1.3.6.1.4.1.6347.1.4.26.0
U03 Ckt1 High Return Air Temp	BI	3027	1.3.6.1.4.1.6347.1.4.27.0
U03 Ckt1 Mixed Air Temp Sensor Fault	BI	3028	1.3.6.1.4.1.6347.1.4.28.0
U03 Ckt1 Mixed Air High Temp	BI	3029	1.3.6.1.4.1.6347.1.4.29.0
U03 Ckt1 Mixed Air Low Temp	BI	3030	1.3.6.1.4.1.6347.1.4.30.0
U03 Ckt1 Supply Air Temp Sensor Fault	BI	3031	1.3.6.1.4.1.6347.1.4.31.0
U03 Ckt1 High Supply Air Temp	BI	3032	1.3.6.1.4.1.6347.1.4.32.0
U03 Ckt1 Low Supply Air Temp	BI	3033	1.3.6.1.4.1.6347.1.4.33.0
U03 Outdoor Air Temp Sensor Fault	BI	3034	1.3.6.1.4.1.6347.1.4.34.0
U03 Outdoor Air Humidity Sensor Fault	BI	3035	1.3.6.1.4.1.6347.1.4.35.0
U03 Ckt1 Dust Sensor Fault	BI	3036	1.3.6.1.4.1.6347.1.4.36.0
U03 Ckt1 High Dust Levels Detected	BI	3037	1.3.6.1.4.1.6347.1.4.37.0
U03 Ckt1 Liquid Line Temp Sen Fault	BI	3038	1.3.6.1.4.1.6347.1.4.38.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U03 Ckt1 Liquid Line Press Sen Fault	BI	3039	1.3.6.1.4.1.6347.1.4.39.0
U03 Ckt1 Suction Temp Sensor Fault	BI	3040	1.3.6.1.4.1.6347.1.4.40.0
U03 Ckt1 Suction Pressure Sen Fault	BI	3041	1.3.6.1.4.1.6347.1.4.41.0
U03 Ckt1 Low Pressure	BI	3042	1.3.6.1.4.1.6347.1.4.42.0
U03 Ckt1 High Pressure	BI	3043	1.3.6.1.4.1.6347.1.4.43.0
U03 Damper 1 Failed To Open	BI	3044	1.3.6.1.4.1.6347.1.4.44.0
U03 Damper 1 Failed To Close	BI	3045	1.3.6.1.4.1.6347.1.4.45.0
U03 Ckt1 Freeze Temp Sensor Fault	BI	3046	1.3.6.1.4.1.6347.1.4.46.0
U03 Ckt1 Freeze Condition	BI	3047	1.3.6.1.4.1.6347.1.4.47.0
U03 Ckt1 No Airflow Alarm	BI	3048	1.3.6.1.4.1.6347.1.4.48.0
U03 Dirty Filter 1	BI	3049	1.3.6.1.4.1.6347.1.4.49.0
U03 Emergency Ventilation	BI	3050	1.3.6.1.4.1.6347.1.4.50.0
U03 Emergency Cooling	BI	3051	1.3.6.1.4.1.6347.1.4.51.0
U03 Unit Disable Input Active	BI	3052	1.3.6.1.4.1.6347.1.4.52.0
U03 Power Loss Detected	BI	3053	1.3.6.1.4.1.6347.1.4.53.0
U03 Ckt1 Eev Low Superheat	BI	3054	1.3.6.1.4.1.6347.1.4.54.0
U03 Ckt2 Mixed Air Temp Sensor Fault	BI	3055	1.3.6.1.4.1.6347.1.4.55.0
U03 Ckt2 Mixed Air High Temp	BI	3056	1.3.6.1.4.1.6347.1.4.56.0
U03 Ckt2 Mixed Air Low Temp	BI	3057	1.3.6.1.4.1.6347.1.4.57.0
U03 Ckt2 Supply Air Temp Sensor Fault	BI	3058	1.3.6.1.4.1.6347.1.4.58.0
U03 Ckt2 High Supply Air Temp	BI	3059	1.3.6.1.4.1.6347.1.4.59.0
U03 Ckt2 Low Supply Air Temp	BI	3060	1.3.6.1.4.1.6347.1.4.60.0
U03 Ckt2 Liquid Line Temp Sen Fault	BI	3061	1.3.6.1.4.1.6347.1.4.61.0
U03 Ckt2 Liquid Line Press Sen Fault	BI	3062	1.3.6.1.4.1.6347.1.4.62.0
U03 Ckt2 Suction Temp Sensor Fault	BI	3063	1.3.6.1.4.1.6347.1.4.63.0
U03 Ckt2 Suction Pressure Sen Fault	BI	3064	1.3.6.1.4.1.6347.1.4.64.0
U03 Ckt2 Low Pressure	BI	3065	1.3.6.1.4.1.6347.1.4.65.0
U03 Ckt2 High Pressure	BI	3066	1.3.6.1.4.1.6347.1.4.66.0
U03 Damper 2 Failed To Close	BI	3067	1.3.6.1.4.1.6347.1.4.67.0
U03 Damper 2 Failed To Open	BI	3068	1.3.6.1.4.1.6347.1.4.68.0
U03 Damper 3 Failed To Open	BI	3069	1.3.6.1.4.1.6347.1.4.69.0
U03 Damper 3 Failed To Close	BI	3070	1.3.6.1.4.1.6347.1.4.70.0
U03 Damper 4 Failed To Open	BI	3071	1.3.6.1.4.1.6347.1.4.71.0
U03 Damper 4 Failed To Close	BI	3072	1.3.6.1.4.1.6347.1.4.72.0
U03 Ckt2 Freeze Temp Sensor Fault	BI	3073	1.3.6.1.4.1.6347.1.4.73.0
U03 Ckt2 Freeze Condition	BI	3074	1.3.6.1.4.1.6347.1.4.74.0
U03 Ckt2 No Airflow Alarm	BI	3075	1.3.6.1.4.1.6347.1.4.75.0
U03 Dirty Filter 2	BI	3076	1.3.6.1.4.1.6347.1.4.76.0
U03 Dirty Filter 3	BI	3077	1.3.6.1.4.1.6347.1.4.77.0
U03 Dirty Filter 4	BI	3078	1.3.6.1.4.1.6347.1.4.78.0
U03 Ckt2 Eev Low Superheat	BI	3079	1.3.6.1.4.1.6347.1.4.79.0
U03 C.Pcoe Offline	BI	3080	1.3.6.1.4.1.6347.1.4.80.0
U03 Blower 1 Offline	BI	3081	1.3.6.1.4.1.6347.1.4.81.0
U03 Blower 1 Trouble Alarm	BI	3082	1.3.6.1.4.1.6347.1.4.82.0
U03 Blower 2 Offline	BI	3083	1.3.6.1.4.1.6347.1.4.83.0
U03 Blower 2 Trouble Alarm	BI	3084	1.3.6.1.4.1.6347.1.4.84.0
U03 Condenser Fan 1 Offline	BI	3085	1.3.6.1.4.1.6347.1.4.85.0
U03 Fan 1 Trouble Alarm	BI	3086	1.3.6.1.4.1.6347.1.4.86.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U03 Condenser Fan 2 Offline	BI	3087	1.3.6.1.4.1.6347.1.4.87.0
U03 Fan 2 Trouble Alarm	BI	3088	1.3.6.1.4.1.6347.1.4.88.0
U03 Ckt1 Low Return Air Temp	BI	3089	1.3.6.1.4.1.6347.1.4.89.0
U03 Blower Or Fan Panel Open	BI	3090	1.3.6.1.4.1.6347.1.4.90.0
U03 Compressor 1 Status	MI	3091	1.3.6.1.4.1.6347.1.4.91.0
U03 Compressor 2 Status	MI	3092	1.3.6.1.4.1.6347.1.4.92.0
U03 Mixed Air Temp 1	AI	3093	1.3.6.1.4.1.6347.1.4.93.0
U03 Mixed Air Temp 2	AI	3094	1.3.6.1.4.1.6347.1.4.94.0
U03 Zone	AI	3095	1.3.6.1.4.1.6347.1.4.95.0
U03 Outdoor Air Temp 1	AI	3096	1.3.6.1.4.1.6347.1.4.96.0
U03 Return Air Temp 1	AI	3097	1.3.6.1.4.1.6347.1.4.97.0
U03 Outdoor Air Humidity 1	AI	3098	1.3.6.1.4.1.6347.1.4.98.0
U03 Evaporator Temp 1	AI	3099	1.3.6.1.4.1.6347.1.4.99.0
U03 Blower 1 Speed	AI	3100	1.3.6.1.4.1.6347.1.4.100.0
U03 Blower 2 Speed	AI	3101	1.3.6.1.4.1.6347.1.4.101.0
U03 Dust Sensor 1	AI	3102	1.3.6.1.4.1.6347.1.4.102.0
U03 Liquid Temp 1	AI	3103	1.3.6.1.4.1.6347.1.4.103.0
U03 Liquid Temp 2	AI	3104	1.3.6.1.4.1.6347.1.4.104.0
U03 Liquid Pressure 1	AI	3105	1.3.6.1.4.1.6347.1.4.105.0
U03 Liquid Pressure 2	AI	3106	1.3.6.1.4.1.6347.1.4.106.0
U03 Suction Pressure 1	AI	3107	1.3.6.1.4.1.6347.1.4.107.0
U03 Suction Pressure 2	AI	3108	1.3.6.1.4.1.6347.1.4.108.0
U03 Suction Temp 1	AI	3109	1.3.6.1.4.1.6347.1.4.109.0
U03 Suction Temp 2	AI	3110	1.3.6.1.4.1.6347.1.4.110.0
U03 Supply Air Temp 1	AI	3111	1.3.6.1.4.1.6347.1.4.111.0
U03 Supply Air Temp 2	AI	3112	1.3.6.1.4.1.6347.1.4.112.0
U03 Condenser Fan Speed 1	AI	3113	1.3.6.1.4.1.6347.1.4.113.0
U03 Condenser Fan Speed 2	AI	3114	1.3.6.1.4.1.6347.1.4.114.0
U03 Damper Position 1	AI	3115	1.3.6.1.4.1.6347.1.4.115.0
U03 Damper Position 2	AI	3116	1.3.6.1.4.1.6347.1.4.116.0
U03 Damper Position 3	AI	3117	1.3.6.1.4.1.6347.1.4.117.0
U03 Damper Position 4	AI	3118	1.3.6.1.4.1.6347.1.4.118.0
U03 Electronic Expansion Valve 1 Pos	AI	3119	1.3.6.1.4.1.6347.1.4.119.0
U03 Electronic Expansion Valve 2 Pos	AI	3120	1.3.6.1.4.1.6347.1.4.120.0
U03 Number Of Cooling Stages	AI	3121	1.3.6.1.4.1.6347.1.4.121.0
U03 Number Of Heating Stages	AI	3122	1.3.6.1.4.1.6347.1.4.122.0
U03 Number Of Freecooling Stages	AI	3123	1.3.6.1.4.1.6347.1.4.123.0
U03 Outdoor Air Dewpoint	AI	3124	1.3.6.1.4.1.6347.1.4.124.0
U03 Dehumid Type	MI	3125	1.3.6.1.4.1.6347.1.4.125.0
U03 Subcooling 1	AI	3126	1.3.6.1.4.1.6347.1.4.126.0
U03 Superheat 1	AI	3127	1.3.6.1.4.1.6347.1.4.127.0
U03 Superheat 2	AI	3128	1.3.6.1.4.1.6347.1.4.128.0
U03 Subcooling 2	AI	3129	1.3.6.1.4.1.6347.1.4.129.0
U03 Wall Unit Software Version X	AI	3130	1.3.6.1.4.1.6347.1.4.130.0
U03 Wall Unit Software Version Y	AI	3131	1.3.6.1.4.1.6347.1.4.131.0
U03 Wall Unit Software Version Z	AI	3132	1.3.6.1.4.1.6347.1.4.132.0
U03 Unit Runtime	AI	3133	1.3.6.1.4.1.6347.1.4.133.0
U03 Unit Starts	AI	3134	1.3.6.1.4.1.6347.1.4.134.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U03 Fan 1 Runtime	AI	3135	1.3.6.1.4.1.6347.1.4.135.0
U03 Fan 1 Starts	AI	3136	1.3.6.1.4.1.6347.1.4.136.0
U03 Fan 2 Runtime	AI	3137	1.3.6.1.4.1.6347.1.4.137.0
U03 Fan 2 Starts	AI	3138	1.3.6.1.4.1.6347.1.4.138.0
U03 Blower 1 Runtime	AI	3139	1.3.6.1.4.1.6347.1.4.139.0
U03 Blower 1 Starts	AI	3140	1.3.6.1.4.1.6347.1.4.140.0
U03 Blower 2 Runtime	AI	3141	1.3.6.1.4.1.6347.1.4.141.0
U03 Blower 2 Starts	AI	3142	1.3.6.1.4.1.6347.1.4.142.0
U03 Freecooling 1 Runtime	AI	3143	1.3.6.1.4.1.6347.1.4.143.0
U03 Freecooling 1 Starts	AI	3144	1.3.6.1.4.1.6347.1.4.144.0
U03 Freecooling 2 Runtime	AI	3145	1.3.6.1.4.1.6347.1.4.145.0
U03 Freecooling 2 Starts	AI	3146	1.3.6.1.4.1.6347.1.4.146.0
U03 Compressor Stage 1 Runtime	AI	3147	1.3.6.1.4.1.6347.1.4.147.0
U03 Compressor Stage 1 Starts	AI	3148	1.3.6.1.4.1.6347.1.4.148.0
U03 Compressor Stage 2 Runtime	AI	3149	1.3.6.1.4.1.6347.1.4.149.0
U03 Compressor Stage 2 Starts	AI	3150	1.3.6.1.4.1.6347.1.4.150.0
U03 Compressor Stage 3 Runtime	AI	3151	1.3.6.1.4.1.6347.1.4.151.0
U03 Compressor Stage 3 Starts	AI	3152	1.3.6.1.4.1.6347.1.4.152.0
U03 Compressor 4 Runtime	AI	3153	1.3.6.1.4.1.6347.1.4.153.0
U03 Compressor 4 Starts	AI	3154	1.3.6.1.4.1.6347.1.4.154.0
U03 Electric Heat Stage 1 Runtime	AI	3155	1.3.6.1.4.1.6347.1.4.155.0
U03 Electric Heat Stage 1 Starts	AI	3156	1.3.6.1.4.1.6347.1.4.156.0
U03 Electric Heat Stage 2 Runtime	AI	3157	1.3.6.1.4.1.6347.1.4.157.0
U03 Electric Heat Stage 2 Starts	AI	3158	1.3.6.1.4.1.6347.1.4.158.0
U03 Electric Heat Stage 3 Runtime	AI	3159	1.3.6.1.4.1.6347.1.4.159.0
U03 Electric Heat Stage 3 Starts	AI	3160	1.3.6.1.4.1.6347.1.4.160.0
U03 Electric Heat Stage 4 Runtime	AI	3161	1.3.6.1.4.1.6347.1.4.161.0
U03 Electric Heat Stage 4 Starts	AI	3162	1.3.6.1.4.1.6347.1.4.162.0
U03 Unit Lifetime Hours	AI	3163	1.3.6.1.4.1.6347.1.4.163.0
U03 Blower 1 Lifetime Hours	AI	3164	1.3.6.1.4.1.6347.1.4.164.0
U03 Blower 2 Lifetime Hours	AI	3165	1.3.6.1.4.1.6347.1.4.165.0
U03 Fan 1 Lifetime Hours	AI	3166	1.3.6.1.4.1.6347.1.4.166.0
U03 Fan 2 Lifetime Hours	AI	3167	1.3.6.1.4.1.6347.1.4.167.0
U03 Compressor Stage 1 Lifetime Hours	AI	3168	1.3.6.1.4.1.6347.1.4.168.0
U03 Compressor Stage 2 Lifetime Hours	AI	3169	1.3.6.1.4.1.6347.1.4.169.0
U03 Compressor Stage 3 Lifetime Hours	AI	3170	1.3.6.1.4.1.6347.1.4.170.0
U03 Compressor Stage 4 Lifetime Hours	AI	3171	1.3.6.1.4.1.6347.1.4.171.0
U03 Elec Heat Stage 1 Lifetime Hours	AI	3172	1.3.6.1.4.1.6347.1.4.172.0
U03 Elec Heat Stage 2 Lifetime Hours	AI	3173	1.3.6.1.4.1.6347.1.4.173.0
U03 Elec Heat Stage 3 Lifetime Hours	AI	3174	1.3.6.1.4.1.6347.1.4.174.0
U03 Elec Heat Stage 4 Lifetime Hours	AI	3175	1.3.6.1.4.1.6347.1.4.175.0
U03 Freecooling 1 Lifetime Hours	AI	3176	1.3.6.1.4.1.6347.1.4.176.0
U03 Freecooling 2 Lifetime Hours	AI	3177	1.3.6.1.4.1.6347.1.4.177.0
U03 Unit Type	MI	3178	1.3.6.1.4.1.6347.1.4.178.0
U03 Unit Status	MI	3179	1.3.6.1.4.1.6347.1.4.179.0
U04 Filter Switch Status 1	BI	4001	1.3.6.1.4.1.6347.1.5.1.0
U04 Filter Switch Status 2	BI	4002	1.3.6.1.4.1.6347.1.5.2.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U04 Blower 1 Status	BI	4003	1.3.6.1.4.1.6347.1.5.3.0
U04 Blower 2 Status	BI	4004	1.3.6.1.4.1.6347.1.5.4.0
U04 Low Pressure Switch 1 Status	BI	4005	1.3.6.1.4.1.6347.1.5.5.0
U04 Damper Switch 1 Status	BI	4006	1.3.6.1.4.1.6347.1.5.6.0
U04 Damper Switch 2 Status	BI	4007	1.3.6.1.4.1.6347.1.5.7.0
U04 Damper Switch 3 Status	BI	4008	1.3.6.1.4.1.6347.1.5.8.0
U04 Damper Switch 4 Status	BI	4009	1.3.6.1.4.1.6347.1.5.9.0
U04 Reheat Valve 1	BI	4010	1.3.6.1.4.1.6347.1.5.10.0
U04 Electric Heat Stage 1	BI	4011	1.3.6.1.4.1.6347.1.5.11.0
U04 Electric Heat Stage 2	BI	4012	1.3.6.1.4.1.6347.1.5.12.0
U04 Freecooling Availability	BI	4013	1.3.6.1.4.1.6347.1.5.13.0
U04 Dirty Filter Indicator Light Stat	BI	4014	1.3.6.1.4.1.6347.1.5.14.0
U04 Compressor Cooling Stage 1	BI	4015	1.3.6.1.4.1.6347.1.5.15.0
U04 Compressor Cooling Stage 2	BI	4016	1.3.6.1.4.1.6347.1.5.16.0
U04 Compressor Cooling Stage 3	BI	4017	1.3.6.1.4.1.6347.1.5.17.0
U04 Airflow Switch 1 Status	BI	4018	1.3.6.1.4.1.6347.1.5.18.0
U04 Airflow Switch 2 Status	BI	4019	1.3.6.1.4.1.6347.1.5.19.0
U04 High Pressure 1 / CCM Alarm Stat1	BI	4020	1.3.6.1.4.1.6347.1.5.20.0
U04 High Pressure 2 / CCM Alarm Stat2	BI	4021	1.3.6.1.4.1.6347.1.5.21.0
U04 Power Loss Input Status	BI	4022	1.3.6.1.4.1.6347.1.5.22.0
U04 Unit Disable Status	BI	4023	1.3.6.1.4.1.6347.1.5.23.0
U04 Error Num Of Retain Mem Writings	BI	4024	1.3.6.1.4.1.6347.1.5.24.0
U04 Error In Retain Memory Writings	BI	4025	1.3.6.1.4.1.6347.1.5.25.0
U04 Ckt1 Return Air Temp Sensor Fault	BI	4026	1.3.6.1.4.1.6347.1.5.26.0
U04 Ckt1 High Return Air Temp	BI	4027	1.3.6.1.4.1.6347.1.5.27.0
U04 Ckt1 Mixed Air Temp Sensor Fault	BI	4028	1.3.6.1.4.1.6347.1.5.28.0
U04 Ckt1 Mixed Air High Temp	BI	4029	1.3.6.1.4.1.6347.1.5.29.0
U04 Ckt1 Mixed Air Low Temp	BI	4030	1.3.6.1.4.1.6347.1.5.30.0
U04 Ckt1 Supply Air Temp Sensor Fault	BI	4031	1.3.6.1.4.1.6347.1.5.31.0
U04 Ckt1 High Supply Air Temp	BI	4032	1.3.6.1.4.1.6347.1.5.32.0
U04 Ckt1 Low Supply Air Temp	BI	4033	1.3.6.1.4.1.6347.1.5.33.0
U04 Outdoor Air Temp Sensor Fault	BI	4034	1.3.6.1.4.1.6347.1.5.34.0
U04 Outdoor Air Humidity Sensor Fault	BI	4035	1.3.6.1.4.1.6347.1.5.35.0
U04 Ckt1 Dust Sensor Fault	BI	4036	1.3.6.1.4.1.6347.1.5.36.0
U04 Ckt1 High Dust Levels Detected	BI	4037	1.3.6.1.4.1.6347.1.5.37.0
U04 Ckt1 Liquid Line Temp Sen Fault	BI	4038	1.3.6.1.4.1.6347.1.5.38.0
U04 Ckt1 Liquid Line Press Sen Fault	BI	4039	1.3.6.1.4.1.6347.1.5.39.0
U04 Ckt1 Suction Temp Sensor Fault	BI	4040	1.3.6.1.4.1.6347.1.5.40.0
U04 Ckt1 Suction Pressure Sen Fault	BI	4041	1.3.6.1.4.1.6347.1.5.41.0
U04 Ckt1 Low Pressure	BI	4042	1.3.6.1.4.1.6347.1.5.42.0
U04 Ckt1 High Pressure	BI	4043	1.3.6.1.4.1.6347.1.5.43.0
U04 Damper 1 Failed To Open	BI	4044	1.3.6.1.4.1.6347.1.5.44.0
U04 Damper 1 Failed To Close	BI	4045	1.3.6.1.4.1.6347.1.5.45.0
U04 Ckt1 Freeze Temp Sensor Fault	BI	4046	1.3.6.1.4.1.6347.1.5.46.0
U04 Ckt1 Freeze Condition	BI	4047	1.3.6.1.4.1.6347.1.5.47.0
U04 Ckt1 No Airflow Alarm	BI	4048	1.3.6.1.4.1.6347.1.5.48.0
U04 Dirty Filter 1	BI	4049	1.3.6.1.4.1.6347.1.5.49.0
U04 Emergency Ventilation	BI	4050	1.3.6.1.4.1.6347.1.5.50.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U04 Emergency Cooling	BI	4051	1.3.6.1.4.1.6347.1.5.51.0
U04 Unit Disable Input Active	BI	4052	1.3.6.1.4.1.6347.1.5.52.0
U04 Power Loss Detected	BI	4053	1.3.6.1.4.1.6347.1.5.53.0
U04 Ckt1 Eev Low Superheat	BI	4054	1.3.6.1.4.1.6347.1.5.54.0
U04 Ckt2 Mixed Air Temp Sensor Fault	BI	4055	1.3.6.1.4.1.6347.1.5.55.0
U04 Ckt2 Mixed Air High Temp	BI	4056	1.3.6.1.4.1.6347.1.5.56.0
U04 Ckt2 Mixed Air Low Temp	BI	4057	1.3.6.1.4.1.6347.1.5.57.0
U04 Ckt2 Supply Air Temp Sensor Fault	BI	4058	1.3.6.1.4.1.6347.1.5.58.0
U04 Ckt2 High Supply Air Temp	BI	4059	1.3.6.1.4.1.6347.1.5.59.0
U04 Ckt2 Low Supply Air Temp	BI	4060	1.3.6.1.4.1.6347.1.5.60.0
U04 Ckt2 Liquid Line Temp Sen Fault	BI	4061	1.3.6.1.4.1.6347.1.5.61.0
U04 Ckt2 Liquid Line Press Sen Fault	BI	4062	1.3.6.1.4.1.6347.1.5.62.0
U04 Ckt2 Suction Temp Sensor Fault	BI	4063	1.3.6.1.4.1.6347.1.5.63.0
U04 Ckt2 Suction Pressure Sen Fault	BI	4064	1.3.6.1.4.1.6347.1.5.64.0
U04 Ckt2 Low Pressure	BI	4065	1.3.6.1.4.1.6347.1.5.65.0
U04 Ckt2 High Pressure	BI	4066	1.3.6.1.4.1.6347.1.5.66.0
U04 Damper 2 Failed To Close	BI	4067	1.3.6.1.4.1.6347.1.5.67.0
U04 Damper 2 Failed To Open	BI	4068	1.3.6.1.4.1.6347.1.5.68.0
U04 Damper 3 Failed To Open	BI	4069	1.3.6.1.4.1.6347.1.5.69.0
U04 Damper 3 Failed To Close	BI	4070	1.3.6.1.4.1.6347.1.5.70.0
U04 Damper 4 Failed To Open	BI	4071	1.3.6.1.4.1.6347.1.5.71.0
U04 Damper 4 Failed To Close	BI	4072	1.3.6.1.4.1.6347.1.5.72.0
U04 Ckt2 Freeze Temp Sensor Fault	BI	4073	1.3.6.1.4.1.6347.1.5.73.0
U04 Ckt2 Freeze Condition	BI	4074	1.3.6.1.4.1.6347.1.5.74.0
U04 Ckt2 No Airflow Alarm	BI	4075	1.3.6.1.4.1.6347.1.5.75.0
U04 Dirty Filter 2	BI	4076	1.3.6.1.4.1.6347.1.5.76.0
U04 Dirty Filter 3	BI	4077	1.3.6.1.4.1.6347.1.5.77.0
U04 Dirty Filter 4	BI	4078	1.3.6.1.4.1.6347.1.5.78.0
U04 Ckt2 Eev Low Superheat	BI	4079	1.3.6.1.4.1.6347.1.5.79.0
U04 C.Pcoe Offline	BI	4080	1.3.6.1.4.1.6347.1.5.80.0
U04 Blower 1 Offline	BI	4081	1.3.6.1.4.1.6347.1.5.81.0
U04 Blower 1 Trouble Alarm	BI	4082	1.3.6.1.4.1.6347.1.5.82.0
U04 Blower 2 Offline	BI	4083	1.3.6.1.4.1.6347.1.5.83.0
U04 Blower 2 Trouble Alarm	BI	4084	1.3.6.1.4.1.6347.1.5.84.0
U04 Condenser Fan 1 Offline	BI	4085	1.3.6.1.4.1.6347.1.5.85.0
U04 Fan 1 Trouble Alarm	BI	4086	1.3.6.1.4.1.6347.1.5.86.0
U04 Condenser Fan 2 Offline	BI	4087	1.3.6.1.4.1.6347.1.5.87.0
U04 Fan 2 Trouble Alarm	BI	4088	1.3.6.1.4.1.6347.1.5.88.0
U04 Ckt1 Low Return Air Temp	BI	4089	1.3.6.1.4.1.6347.1.5.89.0
U04 Blower Or Fan Panel Open	BI	4090	1.3.6.1.4.1.6347.1.5.90.0
U04 Compressor 1 Status	MI	4091	1.3.6.1.4.1.6347.1.5.91.0
U04 Compressor 2 Status	MI	4092	1.3.6.1.4.1.6347.1.5.92.0
U04 Mixed Air Temp 1	AI	4093	1.3.6.1.4.1.6347.1.5.93.0
U04 Mixed Air Temp 2	AI	4094	1.3.6.1.4.1.6347.1.5.94.0
U04 Zone	AI	4095	1.3.6.1.4.1.6347.1.5.95.0
U04 Outdoor Air Temp 1	AI	4096	1.3.6.1.4.1.6347.1.5.96.0
U04 Return Air Temp 1	AI	4097	1.3.6.1.4.1.6347.1.5.97.0
U04 Outdoor Air Humidity 1	AI	4098	1.3.6.1.4.1.6347.1.5.98.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U04 Evaporator Temp 1	AI	4099	1.3.6.1.4.1.6347.1.5.99.0
U04 Blower 1 Speed	AI	4100	1.3.6.1.4.1.6347.1.5.100.0
U04 Blower 2 Speed	AI	4101	1.3.6.1.4.1.6347.1.5.101.0
U04 Dust Sensor 1	AI	4102	1.3.6.1.4.1.6347.1.5.102.0
U04 Liquid Temp 1	AI	4103	1.3.6.1.4.1.6347.1.5.103.0
U04 Liquid Temp 2	AI	4104	1.3.6.1.4.1.6347.1.5.104.0
U04 Liquid Pressure 1	AI	4105	1.3.6.1.4.1.6347.1.5.105.0
U04 Liquid Pressure 2	AI	4106	1.3.6.1.4.1.6347.1.5.106.0
U04 Suction Pressure 1	AI	4107	1.3.6.1.4.1.6347.1.5.107.0
U04 Suction Pressure 2	AI	4108	1.3.6.1.4.1.6347.1.5.108.0
U04 Suction Temp 1	AI	4109	1.3.6.1.4.1.6347.1.5.109.0
U04 Suction Temp 2	AI	4110	1.3.6.1.4.1.6347.1.5.110.0
U04 Supply Air Temp 1	AI	4111	1.3.6.1.4.1.6347.1.5.111.0
U04 Supply Air Temp 2	AI	4112	1.3.6.1.4.1.6347.1.5.112.0
U04 Condenser Fan Speed 1	AI	4113	1.3.6.1.4.1.6347.1.5.113.0
U04 Condenser Fan Speed 2	AI	4114	1.3.6.1.4.1.6347.1.5.114.0
U04 Damper Position 1	AI	4115	1.3.6.1.4.1.6347.1.5.115.0
U04 Damper Position 2	AI	4116	1.3.6.1.4.1.6347.1.5.116.0
U04 Damper Position 3	AI	4117	1.3.6.1.4.1.6347.1.5.117.0
U04 Damper Position 4	AI	4118	1.3.6.1.4.1.6347.1.5.118.0
U04 Electronic Expansion Valve 1 Pos	AI	4119	1.3.6.1.4.1.6347.1.5.119.0
U04 Electronic Expansion Valve 2 Pos	AI	4120	1.3.6.1.4.1.6347.1.5.120.0
U04 Number Of Cooling Stages	AI	4121	1.3.6.1.4.1.6347.1.5.121.0
U04 Number Of Heating Stages	AI	4122	1.3.6.1.4.1.6347.1.5.122.0
U04 Number Of Freecooling Stages	AI	4123	1.3.6.1.4.1.6347.1.5.123.0
U04 Outdoor Air Dewpoint	AI	4124	1.3.6.1.4.1.6347.1.5.124.0
U04 Dehumid Type	MI	4125	1.3.6.1.4.1.6347.1.5.125.0
U04 Subcooling 1	AI	4126	1.3.6.1.4.1.6347.1.5.126.0
U04 Superheat 1	AI	4127	1.3.6.1.4.1.6347.1.5.127.0
U04 Superheat 2	AI	4128	1.3.6.1.4.1.6347.1.5.128.0
U04 Subcooling 2	AI	4129	1.3.6.1.4.1.6347.1.5.129.0
U04 Wall Unit Software Version X	AI	4130	1.3.6.1.4.1.6347.1.5.130.0
U04 Wall Unit Software Version Y	AI	4131	1.3.6.1.4.1.6347.1.5.131.0
U04 Wall Unit Software Version Z	AI	4132	1.3.6.1.4.1.6347.1.5.132.0
U04 Unit Runtime	AI	4133	1.3.6.1.4.1.6347.1.5.133.0
U04 Unit Starts	AI	4134	1.3.6.1.4.1.6347.1.5.134.0
U04 Fan 1 Runtime	AI	4135	1.3.6.1.4.1.6347.1.5.135.0
U04 Fan 1 Starts	AI	4136	1.3.6.1.4.1.6347.1.5.136.0
U04 Fan 2 Runtime	AI	4137	1.3.6.1.4.1.6347.1.5.137.0
U04 Fan 2 Starts	AI	4138	1.3.6.1.4.1.6347.1.5.138.0
U04 Blower 1 Runtime	AI	4139	1.3.6.1.4.1.6347.1.5.139.0
U04 Blower 1 Starts	AI	4140	1.3.6.1.4.1.6347.1.5.140.0
U04 Blower 2 Runtime	AI	4141	1.3.6.1.4.1.6347.1.5.141.0
U04 Blower 2 Starts	AI	4142	1.3.6.1.4.1.6347.1.5.142.0
U04 Freecooling 1 Runtime	AI	4143	1.3.6.1.4.1.6347.1.5.143.0
U04 Freecooling 1 Starts	AI	4144	1.3.6.1.4.1.6347.1.5.144.0
U04 Freecooling 2 Runtime	AI	4145	1.3.6.1.4.1.6347.1.5.145.0
U04 Freecooling 2 Starts	AI	4146	1.3.6.1.4.1.6347.1.5.146.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U04 Compressor Stage 1 Runtime	AI	4147	1.3.6.1.4.1.6347.1.5.147.0
U04 Compressor Stage 1 Starts	AI	4148	1.3.6.1.4.1.6347.1.5.148.0
U04 Compressor Stage 2 Runtime	AI	4149	1.3.6.1.4.1.6347.1.5.149.0
U04 Compressor Stage 2 Starts	AI	4150	1.3.6.1.4.1.6347.1.5.150.0
U04 Compressor Stage 3 Runtime	AI	4151	1.3.6.1.4.1.6347.1.5.151.0
U04 Compressor Stage 3 Starts	AI	4152	1.3.6.1.4.1.6347.1.5.152.0
U04 Compressor 4 Runtime	AI	4153	1.3.6.1.4.1.6347.1.5.153.0
U04 Compressor 4 Starts	AI	4154	1.3.6.1.4.1.6347.1.5.154.0
U04 Electric Heat Stage 1 Runtime	AI	4155	1.3.6.1.4.1.6347.1.5.155.0
U04 Electric Heat Stage 1 Starts	AI	4156	1.3.6.1.4.1.6347.1.5.156.0
U04 Electric Heat Stage 2 Runtime	AI	4157	1.3.6.1.4.1.6347.1.5.157.0
U04 Electric Heat Stage 2 Starts	AI	4158	1.3.6.1.4.1.6347.1.5.158.0
U04 Electric Heat Stage 3 Runtime	AI	4159	1.3.6.1.4.1.6347.1.5.159.0
U04 Electric Heat Stage 3 Starts	AI	4160	1.3.6.1.4.1.6347.1.5.160.0
U04 Electric Heat Stage 4 Runtime	AI	4161	1.3.6.1.4.1.6347.1.5.161.0
U04 Electric Heat Stage 4 Starts	AI	4162	1.3.6.1.4.1.6347.1.5.162.0
U04 Unit Lifetime Hours	AI	4163	1.3.6.1.4.1.6347.1.5.163.0
U04 Blower 1 Lifetime Hours	AI	4164	1.3.6.1.4.1.6347.1.5.164.0
U04 Blower 2 Lifetime Hours	AI	4165	1.3.6.1.4.1.6347.1.5.165.0
U04 Fan 1 Lifetime Hours	AI	4166	1.3.6.1.4.1.6347.1.5.166.0
U04 Fan 2 Lifetime Hours	AI	4167	1.3.6.1.4.1.6347.1.5.167.0
U04 Compressor Stage 1 Lifetime Hours	AI	4168	1.3.6.1.4.1.6347.1.5.168.0
U04 Compressor Stage 2 Lifetime Hours	AI	4169	1.3.6.1.4.1.6347.1.5.169.0
U04 Compressor Stage 3 Lifetime Hours	AI	4170	1.3.6.1.4.1.6347.1.5.170.0
U04 Compressor Stage 4 Lifetime Hours	AI	4171	1.3.6.1.4.1.6347.1.5.171.0
U04 Elec Heat Stage 1 Lifetime Hours	AI	4172	1.3.6.1.4.1.6347.1.5.172.0
U04 Elec Heat Stage 2 Lifetime Hours	AI	4173	1.3.6.1.4.1.6347.1.5.173.0
U04 Elec Heat Stage 3 Lifetime Hours	AI	4174	1.3.6.1.4.1.6347.1.5.174.0
U04 Elec Heat Stage 4 Lifetime Hours	AI	4175	1.3.6.1.4.1.6347.1.5.175.0
U04 Freecooling 1 Lifetime Hours	AI	4176	1.3.6.1.4.1.6347.1.5.176.0
U04 Freecooling 2 Lifetime Hours	AI	4177	1.3.6.1.4.1.6347.1.5.177.0
U04 Unit Type	MI	4178	1.3.6.1.4.1.6347.1.5.178.0
U04 Unit Status	MI	4179	1.3.6.1.4.1.6347.1.5.179.0
U05 Filter Switch Status 1	BI	5001	1.3.6.1.4.1.6347.1.6.1.0
U05 Filter Switch Status 2	BI	5002	1.3.6.1.4.1.6347.1.6.2.0
U05 Blower 1 Status	BI	5003	1.3.6.1.4.1.6347.1.6.3.0
U05 Blower 2 Status	BI	5004	1.3.6.1.4.1.6347.1.6.4.0
U05 Low Pressure Switch 1 Status	BI	5005	1.3.6.1.4.1.6347.1.6.5.0
U05 Damper Switch 1 Status	BI	5006	1.3.6.1.4.1.6347.1.6.6.0
U05 Damper Switch 2 Status	BI	5007	1.3.6.1.4.1.6347.1.6.7.0
U05 Damper Switch 3 Status	BI	5008	1.3.6.1.4.1.6347.1.6.8.0
U05 Damper Switch 4 Status	BI	5009	1.3.6.1.4.1.6347.1.6.9.0
U05 Reheat Valve 1	BI	5010	1.3.6.1.4.1.6347.1.6.10.0
U05 Electric Heat Stage 1	BI	5011	1.3.6.1.4.1.6347.1.6.11.0
U05 Electric Heat Stage 2	BI	5012	1.3.6.1.4.1.6347.1.6.12.0
U05 Freecooling Availability	BI	5013	1.3.6.1.4.1.6347.1.6.13.0
U05 Dirty Filter Indicator Light Stat	BI	5014	1.3.6.1.4.1.6347.1.6.14.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U05 Compressor Cooling Stage 1	BI	5015	1.3.6.1.4.1.6347.1.6.15.0
U05 Compressor Cooling Stage 2	BI	5016	1.3.6.1.4.1.6347.1.6.16.0
U05 Compressor Cooling Stage 3	BI	5017	1.3.6.1.4.1.6347.1.6.17.0
U05 Airflow Switch 1 Status	BI	5018	1.3.6.1.4.1.6347.1.6.18.0
U05 Airflow Switch 2 Status	BI	5019	1.3.6.1.4.1.6347.1.6.19.0
U05 High Pressure 1 / CCM Alarm Stat1	BI	5020	1.3.6.1.4.1.6347.1.6.20.0
U05 High Pressure 2 / CCM Alarm Stat2	BI	5021	1.3.6.1.4.1.6347.1.6.21.0
U05 Power Loss Input Status	BI	5022	1.3.6.1.4.1.6347.1.6.22.0
U05 Unit Disable Status	BI	5023	1.3.6.1.4.1.6347.1.6.23.0
U05 Error Num Of Retain Mem Writings	BI	5024	1.3.6.1.4.1.6347.1.6.24.0
U05 Error In Retain Memory Writings	BI	5025	1.3.6.1.4.1.6347.1.6.25.0
U05 Ckt1 Return Air Temp Sensor Fault	BI	5026	1.3.6.1.4.1.6347.1.6.26.0
U05 Ckt1 High Return Air Temp	BI	5027	1.3.6.1.4.1.6347.1.6.27.0
U05 Ckt1 Mixed Air Temp Sensor Fault	BI	5028	1.3.6.1.4.1.6347.1.6.28.0
U05 Ckt1 Mixed Air High Temp	BI	5029	1.3.6.1.4.1.6347.1.6.29.0
U05 Ckt1 Mixed Air Low Temp	BI	5030	1.3.6.1.4.1.6347.1.6.30.0
U05 Ckt1 Supply Air Temp Sensor Fault	BI	5031	1.3.6.1.4.1.6347.1.6.31.0
U05 Ckt1 High Supply Air Temp	BI	5032	1.3.6.1.4.1.6347.1.6.32.0
U05 Ckt1 Low Supply Air Temp	BI	5033	1.3.6.1.4.1.6347.1.6.33.0
U05 Outdoor Air Temp Sensor Fault	BI	5034	1.3.6.1.4.1.6347.1.6.34.0
U05 Outdoor Air Humidity Sensor Fault	BI	5035	1.3.6.1.4.1.6347.1.6.35.0
U05 Ckt1 Dust Sensor Fault	BI	5036	1.3.6.1.4.1.6347.1.6.36.0
U05 Ckt1 High Dust Levels Detected	BI	5037	1.3.6.1.4.1.6347.1.6.37.0
U05 Ckt1 Liquid Line Temp Sen Fault	BI	5038	1.3.6.1.4.1.6347.1.6.38.0
U05 Ckt1 Liquid Line Press Sen Fault	BI	5039	1.3.6.1.4.1.6347.1.6.39.0
U05 Ckt1 Suction Temp Sensor Fault	BI	5040	1.3.6.1.4.1.6347.1.6.40.0
U05 Ckt1 Suction Pressure Sen Fault	BI	5041	1.3.6.1.4.1.6347.1.6.41.0
U05 Ckt1 Low Pressure	BI	5042	1.3.6.1.4.1.6347.1.6.42.0
U05 Ckt1 High Pressure	BI	5043	1.3.6.1.4.1.6347.1.6.43.0
U05 Damper 1 Failed To Open	BI	5044	1.3.6.1.4.1.6347.1.6.44.0
U05 Damper 1 Failed To Close	BI	5045	1.3.6.1.4.1.6347.1.6.45.0
U05 Ckt1 Freeze Temp Sensor Fault	BI	5046	1.3.6.1.4.1.6347.1.6.46.0
U05 Ckt1 Freeze Condition	BI	5047	1.3.6.1.4.1.6347.1.6.47.0
U05 Ckt1 No Airflow Alarm	BI	5048	1.3.6.1.4.1.6347.1.6.48.0
U05 Dirty Filter 1	BI	5049	1.3.6.1.4.1.6347.1.6.49.0
U05 Emergency Ventilation	BI	5050	1.3.6.1.4.1.6347.1.6.50.0
U05 Emergency Cooling	BI	5051	1.3.6.1.4.1.6347.1.6.51.0
U05 Unit Disable Input Active	BI	5052	1.3.6.1.4.1.6347.1.6.52.0
U05 Power Loss Detected	BI	5053	1.3.6.1.4.1.6347.1.6.53.0
U05 Ckt1 Eev Low Superheat	BI	5054	1.3.6.1.4.1.6347.1.6.54.0
U05 Ckt2 Mixed Air Temp Sensor Fault	BI	5055	1.3.6.1.4.1.6347.1.6.55.0
U05 Ckt2 Mixed Air High Temp	BI	5056	1.3.6.1.4.1.6347.1.6.56.0
U05 Ckt2 Mixed Air Low Temp	BI	5057	1.3.6.1.4.1.6347.1.6.57.0
U05 Ckt2 Supply Air Temp Sensor Fault	BI	5058	1.3.6.1.4.1.6347.1.6.58.0
U05 Ckt2 High Supply Air Temp	BI	5059	1.3.6.1.4.1.6347.1.6.59.0
U05 Ckt2 Low Supply Air Temp	BI	5060	1.3.6.1.4.1.6347.1.6.60.0
U05 Ckt2 Liquid Line Temp Sen Fault	BI	5061	1.3.6.1.4.1.6347.1.6.61.0
U05 Ckt2 Liquid Line Press Sen Fault	BI	5062	1.3.6.1.4.1.6347.1.6.62.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U05 Ckt2 Suction Temp Sensor Fault	BI	5063	1.3.6.1.4.1.6347.1.6.63.0
U05 Ckt2 Suction Pressure Sen Fault	BI	5064	1.3.6.1.4.1.6347.1.6.64.0
U05 Ckt2 Low Pressure	BI	5065	1.3.6.1.4.1.6347.1.6.65.0
U05 Ckt2 High Pressure	BI	5066	1.3.6.1.4.1.6347.1.6.66.0
U05 Damper 2 Failed To Close	BI	5067	1.3.6.1.4.1.6347.1.6.67.0
U05 Damper 2 Failed To Open	BI	5068	1.3.6.1.4.1.6347.1.6.68.0
U05 Damper 3 Failed To Open	BI	5069	1.3.6.1.4.1.6347.1.6.69.0
U05 Damper 3 Failed To Close	BI	5070	1.3.6.1.4.1.6347.1.6.70.0
U05 Damper 4 Failed To Open	BI	5071	1.3.6.1.4.1.6347.1.6.71.0
U05 Damper 4 Failed To Close	BI	5072	1.3.6.1.4.1.6347.1.6.72.0
U05 Ckt2 Freeze Temp Sensor Fault	BI	5073	1.3.6.1.4.1.6347.1.6.73.0
U05 Ckt2 Freeze Condition	BI	5074	1.3.6.1.4.1.6347.1.6.74.0
U05 Ckt2 No Airflow Alarm	BI	5075	1.3.6.1.4.1.6347.1.6.75.0
U05 Dirty Filter 2	BI	5076	1.3.6.1.4.1.6347.1.6.76.0
U05 Dirty Filter 3	BI	5077	1.3.6.1.4.1.6347.1.6.77.0
U05 Dirty Filter 4	BI	5078	1.3.6.1.4.1.6347.1.6.78.0
U05 Ckt2 Eev Low Superheat	BI	5079	1.3.6.1.4.1.6347.1.6.79.0
U05 C.Pcoe Offline	BI	5080	1.3.6.1.4.1.6347.1.6.80.0
U05 Blower 1 Offline	BI	5081	1.3.6.1.4.1.6347.1.6.81.0
U05 Blower 1 Trouble Alarm	BI	5082	1.3.6.1.4.1.6347.1.6.82.0
U05 Blower 2 Offline	BI	5083	1.3.6.1.4.1.6347.1.6.83.0
U05 Blower 2 Trouble Alarm	BI	5084	1.3.6.1.4.1.6347.1.6.84.0
U05 Condenser Fan 1 Offline	BI	5085	1.3.6.1.4.1.6347.1.6.85.0
U05 Fan 1 Trouble Alarm	BI	5086	1.3.6.1.4.1.6347.1.6.86.0
U05 Condenser Fan 2 Offline	BI	5087	1.3.6.1.4.1.6347.1.6.87.0
U05 Fan 2 Trouble Alarm	BI	5088	1.3.6.1.4.1.6347.1.6.88.0
U05 Ckt1 Low Return Air Temp	BI	5089	1.3.6.1.4.1.6347.1.6.89.0
U05 Blower Or Fan Panel Open	BI	5090	1.3.6.1.4.1.6347.1.6.90.0
U05 Compressor 1 Status	MI	5091	1.3.6.1.4.1.6347.1.6.91.0
U05 Compressor 2 Status	MI	5092	1.3.6.1.4.1.6347.1.6.92.0
U05 Mixed Air Temp 1	AI	5093	1.3.6.1.4.1.6347.1.6.93.0
U05 Mixed Air Temp 2	AI	5094	1.3.6.1.4.1.6347.1.6.94.0
U05 Zone	AI	5095	1.3.6.1.4.1.6347.1.6.95.0
U05 Outdoor Air Temp 1	AI	5096	1.3.6.1.4.1.6347.1.6.96.0
U05 Return Air Temp 1	AI	5097	1.3.6.1.4.1.6347.1.6.97.0
U05 Outdoor Air Humidity 1	AI	5098	1.3.6.1.4.1.6347.1.6.98.0
U05 Evaporator Temp 1	AI	5099	1.3.6.1.4.1.6347.1.6.99.0
U05 Blower 1 Speed	AI	5100	1.3.6.1.4.1.6347.1.6.100.0
U05 Blower 2 Speed	AI	5101	1.3.6.1.4.1.6347.1.6.101.0
U05 Dust Sensor 1	AI	5102	1.3.6.1.4.1.6347.1.6.102.0
U05 Liquid Temp 1	AI	5103	1.3.6.1.4.1.6347.1.6.103.0
U05 Liquid Temp 2	AI	5104	1.3.6.1.4.1.6347.1.6.104.0
U05 Liquid Pressure 1	AI	5105	1.3.6.1.4.1.6347.1.6.105.0
U05 Liquid Pressure 2	AI	5106	1.3.6.1.4.1.6347.1.6.106.0
U05 Suction Pressure 1	AI	5107	1.3.6.1.4.1.6347.1.6.107.0
U05 Suction Pressure 2	AI	5108	1.3.6.1.4.1.6347.1.6.108.0
U05 Suction Temp 1	AI	5109	1.3.6.1.4.1.6347.1.6.109.0
U05 Suction Temp 2	AI	5110	1.3.6.1.4.1.6347.1.6.110.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U05 Supply Air Temp 1	AI	5111	1.3.6.1.4.1.6347.1.6.111.0
U05 Supply Air Temp 2	AI	5112	1.3.6.1.4.1.6347.1.6.112.0
U05 Condenser Fan Speed 1	AI	5113	1.3.6.1.4.1.6347.1.6.113.0
U05 Condenser Fan Speed 2	AI	5114	1.3.6.1.4.1.6347.1.6.114.0
U05 Damper Position 1	AI	5115	1.3.6.1.4.1.6347.1.6.115.0
U05 Damper Position 2	AI	5116	1.3.6.1.4.1.6347.1.6.116.0
U05 Damper Position 3	AI	5117	1.3.6.1.4.1.6347.1.6.117.0
U05 Damper Position 4	AI	5118	1.3.6.1.4.1.6347.1.6.118.0
U05 Electronic Expansion Valve 1 Pos	AI	5119	1.3.6.1.4.1.6347.1.6.119.0
U05 Electronic Expansion Valve 2 Pos	AI	5120	1.3.6.1.4.1.6347.1.6.120.0
U05 Number Of Cooling Stages	AI	5121	1.3.6.1.4.1.6347.1.6.121.0
U05 Number Of Heating Stages	AI	5122	1.3.6.1.4.1.6347.1.6.122.0
U05 Number Of Freecooling Stages	AI	5123	1.3.6.1.4.1.6347.1.6.123.0
U05 Outdoor Air Dewpoint	AI	5124	1.3.6.1.4.1.6347.1.6.124.0
U05 Dehumid Type	MI	5125	1.3.6.1.4.1.6347.1.6.125.0
U05 Subcooling 1	AI	5126	1.3.6.1.4.1.6347.1.6.126.0
U05 Superheat 1	AI	5127	1.3.6.1.4.1.6347.1.6.127.0
U05 Superheat 2	AI	5128	1.3.6.1.4.1.6347.1.6.128.0
U05 Subcooling 2	AI	5129	1.3.6.1.4.1.6347.1.6.129.0
U05 Wall Unit Software Version X	AI	5130	1.3.6.1.4.1.6347.1.6.130.0
U05 Wall Unit Software Version Y	AI	5131	1.3.6.1.4.1.6347.1.6.131.0
U05 Wall Unit Software Version Z	AI	5132	1.3.6.1.4.1.6347.1.6.132.0
U05 Unit Runtime	AI	5133	1.3.6.1.4.1.6347.1.6.133.0
U05 Unit Starts	AI	5134	1.3.6.1.4.1.6347.1.6.134.0
U05 Fan 1 Runtime	AI	5135	1.3.6.1.4.1.6347.1.6.135.0
U05 Fan 1 Starts	AI	5136	1.3.6.1.4.1.6347.1.6.136.0
U05 Fan 2 Runtime	AI	5137	1.3.6.1.4.1.6347.1.6.137.0
U05 Fan 2 Starts	AI	5138	1.3.6.1.4.1.6347.1.6.138.0
U05 Blower 1 Runtime	AI	5139	1.3.6.1.4.1.6347.1.6.139.0
U05 Blower 1 Starts	AI	5140	1.3.6.1.4.1.6347.1.6.140.0
U05 Blower 2 Runtime	AI	5141	1.3.6.1.4.1.6347.1.6.141.0
U05 Blower 2 Starts	AI	5142	1.3.6.1.4.1.6347.1.6.142.0
U05 Freecooling 1 Runtime	AI	5143	1.3.6.1.4.1.6347.1.6.143.0
U05 Freecooling 1 Starts	AI	5144	1.3.6.1.4.1.6347.1.6.144.0
U05 Freecooling 2 Runtime	AI	5145	1.3.6.1.4.1.6347.1.6.145.0
U05 Freecooling 2 Starts	AI	5146	1.3.6.1.4.1.6347.1.6.146.0
U05 Compressor Stage 1 Runtime	AI	5147	1.3.6.1.4.1.6347.1.6.147.0
U05 Compressor Stage 1 Starts	AI	5148	1.3.6.1.4.1.6347.1.6.148.0
U05 Compressor Stage 2 Runtime	AI	5149	1.3.6.1.4.1.6347.1.6.149.0
U05 Compressor Stage 2 Starts	AI	5150	1.3.6.1.4.1.6347.1.6.150.0
U05 Compressor Stage 3 Runtime	AI	5151	1.3.6.1.4.1.6347.1.6.151.0
U05 Compressor Stage 3 Starts	AI	5152	1.3.6.1.4.1.6347.1.6.152.0
U05 Compressor 4 Runtime	AI	5153	1.3.6.1.4.1.6347.1.6.153.0
U05 Compressor 4 Starts	AI	5154	1.3.6.1.4.1.6347.1.6.154.0
U05 Electric Heat Stage 1 Runtime	AI	5155	1.3.6.1.4.1.6347.1.6.155.0
U05 Electric Heat Stage 1 Starts	AI	5156	1.3.6.1.4.1.6347.1.6.156.0
U05 Electric Heat Stage 2 Runtime	AI	5157	1.3.6.1.4.1.6347.1.6.157.0
U05 Electric Heat Stage 2 Starts	AI	5158	1.3.6.1.4.1.6347.1.6.158.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U05 Electric Heat Stage 3 Runtime	AI	5159	1.3.6.1.4.1.6347.1.6.159.0
U05 Electric Heat Stage 3 Starts	AI	5160	1.3.6.1.4.1.6347.1.6.160.0
U05 Electric Heat Stage 4 Runtime	AI	5161	1.3.6.1.4.1.6347.1.6.161.0
U05 Electric Heat Stage 4 Starts	AI	5162	1.3.6.1.4.1.6347.1.6.162.0
U05 Unit Lifetime Hours	AI	5163	1.3.6.1.4.1.6347.1.6.163.0
U05 Blower 1 Lifetime Hours	AI	5164	1.3.6.1.4.1.6347.1.6.164.0
U05 Blower 2 Lifetime Hours	AI	5165	1.3.6.1.4.1.6347.1.6.165.0
U05 Fan 1 Lifetime Hours	AI	5166	1.3.6.1.4.1.6347.1.6.166.0
U05 Fan 2 Lifetime Hours	AI	5167	1.3.6.1.4.1.6347.1.6.167.0
U05 Compressor Stage 1 Lifetime Hours	AI	5168	1.3.6.1.4.1.6347.1.6.168.0
U05 Compressor Stage 2 Lifetime Hours	AI	5169	1.3.6.1.4.1.6347.1.6.169.0
U05 Compressor Stage 3 Lifetime Hours	AI	5170	1.3.6.1.4.1.6347.1.6.170.0
U05 Compressor Stage 4 Lifetime Hours	AI	5171	1.3.6.1.4.1.6347.1.6.171.0
U05 Elec Heat Stage 1 Lifetime Hours	AI	5172	1.3.6.1.4.1.6347.1.6.172.0
U05 Elec Heat Stage 2 Lifetime Hours	AI	5173	1.3.6.1.4.1.6347.1.6.173.0
U05 Elec Heat Stage 3 Lifetime Hours	AI	5174	1.3.6.1.4.1.6347.1.6.174.0
U05 Elec Heat Stage 4 Lifetime Hours	AI	5175	1.3.6.1.4.1.6347.1.6.175.0
U05 Freecooling 1 Lifetime Hours	AI	5176	1.3.6.1.4.1.6347.1.6.176.0
U05 Freecooling 2 Lifetime Hours	AI	5177	1.3.6.1.4.1.6347.1.6.177.0
U05 Unit Type	MI	5178	1.3.6.1.4.1.6347.1.6.178.0
U05 Unit Status	MI	5179	1.3.6.1.4.1.6347.1.6.179.0
U06 Filter Switch Status 1	BI	6001	1.3.6.1.4.1.6347.1.7.1.0
U06 Filter Switch Status 2	BI	6002	1.3.6.1.4.1.6347.1.7.2.0
U06 Blower 1 Status	BI	6003	1.3.6.1.4.1.6347.1.7.3.0
U06 Blower 2 Status	BI	6004	1.3.6.1.4.1.6347.1.7.4.0
U06 Low Pressure Switch 1 Status	BI	6005	1.3.6.1.4.1.6347.1.7.5.0
U06 Damper Switch 1 Status	BI	6006	1.3.6.1.4.1.6347.1.7.6.0
U06 Damper Switch 2 Status	BI	6007	1.3.6.1.4.1.6347.1.7.7.0
U06 Damper Switch 3 Status	BI	6008	1.3.6.1.4.1.6347.1.7.8.0
U06 Damper Switch 4 Status	BI	6009	1.3.6.1.4.1.6347.1.7.9.0
U06 Reheat Valve 1	BI	6010	1.3.6.1.4.1.6347.1.7.10.0
U06 Electric Heat Stage 1	BI	6011	1.3.6.1.4.1.6347.1.7.11.0
U06 Electric Heat Stage 2	BI	6012	1.3.6.1.4.1.6347.1.7.12.0
U06 Freecooling Availability	BI	6013	1.3.6.1.4.1.6347.1.7.13.0
U06 Dirty Filter Indicator Light Stat	BI	6014	1.3.6.1.4.1.6347.1.7.14.0
U06 Compressor Cooling Stage 1	BI	6015	1.3.6.1.4.1.6347.1.7.15.0
U06 Compressor Cooling Stage 2	BI	6016	1.3.6.1.4.1.6347.1.7.16.0
U06 Compressor Cooling Stage 3	BI	6017	1.3.6.1.4.1.6347.1.7.17.0
U06 Airflow Switch 1 Status	BI	6018	1.3.6.1.4.1.6347.1.7.18.0
U06 Airflow Switch 2 Status	BI	6019	1.3.6.1.4.1.6347.1.7.19.0
U06 High Pressure 1 / CCM Alarm Stat1	BI	6020	1.3.6.1.4.1.6347.1.7.20.0
U06 High Pressure 2 / CCM Alarm Stat2	BI	6021	1.3.6.1.4.1.6347.1.7.21.0
U06 Power Loss Input Status	BI	6022	1.3.6.1.4.1.6347.1.7.22.0
U06 Unit Disable Status	BI	6023	1.3.6.1.4.1.6347.1.7.23.0
U06 Error Num Of Retain Mem Writings	BI	6024	1.3.6.1.4.1.6347.1.7.24.0
U06 Error In Retain Memory Writings	BI	6025	1.3.6.1.4.1.6347.1.7.25.0
U06 Ckt1 Return Air Temp Sensor Fault	BI	6026	1.3.6.1.4.1.6347.1.7.26.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U06 Ckt1 High Return Air Temp	BI	6027	1.3.6.1.4.1.6347.1.7.27.0
U06 Ckt1 Mixed Air Temp Sensor Fault	BI	6028	1.3.6.1.4.1.6347.1.7.28.0
U06 Ckt1 Mixed Air High Temp	BI	6029	1.3.6.1.4.1.6347.1.7.29.0
U06 Ckt1 Mixed Air Low Temp	BI	6030	1.3.6.1.4.1.6347.1.7.30.0
U06 Ckt1 Supply Air Temp Sensor Fault	BI	6031	1.3.6.1.4.1.6347.1.7.31.0
U06 Ckt1 High Supply Air Temp	BI	6032	1.3.6.1.4.1.6347.1.7.32.0
U06 Ckt1 Low Supply Air Temp	BI	6033	1.3.6.1.4.1.6347.1.7.33.0
U06 Outdoor Air Temp Sensor Fault	BI	6034	1.3.6.1.4.1.6347.1.7.34.0
U06 Outdoor Air Humidity Sensor Fault	BI	6035	1.3.6.1.4.1.6347.1.7.35.0
U06 Ckt1 Dust Sensor Fault	BI	6036	1.3.6.1.4.1.6347.1.7.36.0
U06 Ckt1 High Dust Levels Detected	BI	6037	1.3.6.1.4.1.6347.1.7.37.0
U06 Ckt1 Liquid Line Temp Sen Fault	BI	6038	1.3.6.1.4.1.6347.1.7.38.0
U06 Ckt1 Liquid Line Press Sen Fault	BI	6039	1.3.6.1.4.1.6347.1.7.39.0
U06 Ckt1 Suction Temp Sensor Fault	BI	6040	1.3.6.1.4.1.6347.1.7.40.0
U06 Ckt1 Suction Pressure Sen Fault	BI	6041	1.3.6.1.4.1.6347.1.7.41.0
U06 Ckt1 Low Pressure	BI	6042	1.3.6.1.4.1.6347.1.7.42.0
U06 Ckt1 High Pressure	BI	6043	1.3.6.1.4.1.6347.1.7.43.0
U06 Damper 1 Failed To Open	BI	6044	1.3.6.1.4.1.6347.1.7.44.0
U06 Damper 1 Failed To Close	BI	6045	1.3.6.1.4.1.6347.1.7.45.0
U06 Ckt1 Freeze Temp Sensor Fault	BI	6046	1.3.6.1.4.1.6347.1.7.46.0
U06 Ckt1 Freeze Condition	BI	6047	1.3.6.1.4.1.6347.1.7.47.0
U06 Ckt1 No Airflow Alarm	BI	6048	1.3.6.1.4.1.6347.1.7.48.0
U06 Dirty Filter 1	BI	6049	1.3.6.1.4.1.6347.1.7.49.0
U06 Emergency Ventilation	BI	6050	1.3.6.1.4.1.6347.1.7.50.0
U06 Emergency Cooling	BI	6051	1.3.6.1.4.1.6347.1.7.51.0
U06 Unit Disable Input Active	BI	6052	1.3.6.1.4.1.6347.1.7.52.0
U06 Power Loss Detected	BI	6053	1.3.6.1.4.1.6347.1.7.53.0
U06 Ckt1 Eev Low Superheat	BI	6054	1.3.6.1.4.1.6347.1.7.54.0
U06 Ckt2 Mixed Air Temp Sensor Fault	BI	6055	1.3.6.1.4.1.6347.1.7.55.0
U06 Ckt2 Mixed Air High Temp	BI	6056	1.3.6.1.4.1.6347.1.7.56.0
U06 Ckt2 Mixed Air Low Temp	BI	6057	1.3.6.1.4.1.6347.1.7.57.0
U06 Ckt2 Supply Air Temp Sensor Fault	BI	6058	1.3.6.1.4.1.6347.1.7.58.0
U06 Ckt2 High Supply Air Temp	BI	6059	1.3.6.1.4.1.6347.1.7.59.0
U06 Ckt2 Low Supply Air Temp	BI	6060	1.3.6.1.4.1.6347.1.7.60.0
U06 Ckt2 Liquid Line Temp Sen Fault	BI	6061	1.3.6.1.4.1.6347.1.7.61.0
U06 Ckt2 Liquid Line Press Sen Fault	BI	6062	1.3.6.1.4.1.6347.1.7.62.0
U06 Ckt2 Suction Temp Sensor Fault	BI	6063	1.3.6.1.4.1.6347.1.7.63.0
U06 Ckt2 Suction Pressure Sen Fault	BI	6064	1.3.6.1.4.1.6347.1.7.64.0
U06 Ckt2 Low Pressure	BI	6065	1.3.6.1.4.1.6347.1.7.65.0
U06 Ckt2 High Pressure	BI	6066	1.3.6.1.4.1.6347.1.7.66.0
U06 Damper 2 Failed To Close	BI	6067	1.3.6.1.4.1.6347.1.7.67.0
U06 Damper 2 Failed To Open	BI	6068	1.3.6.1.4.1.6347.1.7.68.0
U06 Damper 3 Failed To Open	BI	6069	1.3.6.1.4.1.6347.1.7.69.0
U06 Damper 3 Failed To Close	BI	6070	1.3.6.1.4.1.6347.1.7.70.0
U06 Damper 4 Failed To Open	BI	6071	1.3.6.1.4.1.6347.1.7.71.0
U06 Damper 4 Failed To Close	BI	6072	1.3.6.1.4.1.6347.1.7.72.0
U06 Ckt2 Freeze Temp Sensor Fault	BI	6073	1.3.6.1.4.1.6347.1.7.73.0
U06 Ckt2 Freeze Condition	BI	6074	1.3.6.1.4.1.6347.1.7.74.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U06 Ckt2 No Airflow Alarm	BI	6075	1.3.6.1.4.1.6347.1.7.75.0
U06 Dirty Filter 2	BI	6076	1.3.6.1.4.1.6347.1.7.76.0
U06 Dirty Filter 3	BI	6077	1.3.6.1.4.1.6347.1.7.77.0
U06 Dirty Filter 4	BI	6078	1.3.6.1.4.1.6347.1.7.78.0
U06 Ckt2 Eev Low Superheat	BI	6079	1.3.6.1.4.1.6347.1.7.79.0
U06 C.Pcoe Offline	BI	6080	1.3.6.1.4.1.6347.1.7.80.0
U06 Blower 1 Offline	BI	6081	1.3.6.1.4.1.6347.1.7.81.0
U06 Blower 1 Trouble Alarm	BI	6082	1.3.6.1.4.1.6347.1.7.82.0
U06 Blower 2 Offline	BI	6083	1.3.6.1.4.1.6347.1.7.83.0
U06 Blower 2 Trouble Alarm	BI	6084	1.3.6.1.4.1.6347.1.7.84.0
U06 Condenser Fan 1 Offline	BI	6085	1.3.6.1.4.1.6347.1.7.85.0
U06 Fan 1 Trouble Alarm	BI	6086	1.3.6.1.4.1.6347.1.7.86.0
U06 Condenser Fan 2 Offline	BI	6087	1.3.6.1.4.1.6347.1.7.87.0
U06 Fan 2 Trouble Alarm	BI	6088	1.3.6.1.4.1.6347.1.7.88.0
U06 Ckt1 Low Return Air Temp	BI	6089	1.3.6.1.4.1.6347.1.7.89.0
U06 Blower Or Fan Panel Open	BI	6090	1.3.6.1.4.1.6347.1.7.90.0
U06 Compressor 1 Status	MI	6091	1.3.6.1.4.1.6347.1.7.91.0
U06 Compressor 2 Status	MI	6092	1.3.6.1.4.1.6347.1.7.92.0
U06 Mixed Air Temp 1	AI	6093	1.3.6.1.4.1.6347.1.7.93.0
U06 Mixed Air Temp 2	AI	6094	1.3.6.1.4.1.6347.1.7.94.0
U06 Zone	AI	6095	1.3.6.1.4.1.6347.1.7.95.0
U06 Outdoor Air Temp 1	AI	6096	1.3.6.1.4.1.6347.1.7.96.0
U06 Return Air Temp 1	AI	6097	1.3.6.1.4.1.6347.1.7.97.0
U06 Outdoor Air Humidity 1	AI	6098	1.3.6.1.4.1.6347.1.7.98.0
U06 Evaporator Temp 1	AI	6099	1.3.6.1.4.1.6347.1.7.99.0
U06 Blower 1 Speed	AI	6100	1.3.6.1.4.1.6347.1.7.100.0
U06 Blower 2 Speed	AI	6101	1.3.6.1.4.1.6347.1.7.101.0
U06 Dust Sensor 1	AI	6102	1.3.6.1.4.1.6347.1.7.102.0
U06 Liquid Temp 1	AI	6103	1.3.6.1.4.1.6347.1.7.103.0
U06 Liquid Temp 2	AI	6104	1.3.6.1.4.1.6347.1.7.104.0
U06 Liquid Pressure 1	AI	6105	1.3.6.1.4.1.6347.1.7.105.0
U06 Liquid Pressure 2	AI	6106	1.3.6.1.4.1.6347.1.7.106.0
U06 Suction Pressure 1	AI	6107	1.3.6.1.4.1.6347.1.7.107.0
U06 Suction Pressure 2	AI	6108	1.3.6.1.4.1.6347.1.7.108.0
U06 Suction Temp 1	AI	6109	1.3.6.1.4.1.6347.1.7.109.0
U06 Suction Temp 2	AI	6110	1.3.6.1.4.1.6347.1.7.110.0
U06 Supply Air Temp 1	AI	6111	1.3.6.1.4.1.6347.1.7.111.0
U06 Supply Air Temp 2	AI	6112	1.3.6.1.4.1.6347.1.7.112.0
U06 Condenser Fan Speed 1	AI	6113	1.3.6.1.4.1.6347.1.7.113.0
U06 Condenser Fan Speed 2	AI	6114	1.3.6.1.4.1.6347.1.7.114.0
U06 Damper Position 1	AI	6115	1.3.6.1.4.1.6347.1.7.115.0
U06 Damper Position 2	AI	6116	1.3.6.1.4.1.6347.1.7.116.0
U06 Damper Position 3	AI	6117	1.3.6.1.4.1.6347.1.7.117.0
U06 Damper Position 4	AI	6118	1.3.6.1.4.1.6347.1.7.118.0
U06 Electronic Expansion Valve 1 Pos	AI	6119	1.3.6.1.4.1.6347.1.7.119.0
U06 Electronic Expansion Valve 2 Pos	AI	6120	1.3.6.1.4.1.6347.1.7.120.0
U06 Number Of Cooling Stages	AI	6121	1.3.6.1.4.1.6347.1.7.121.0
U06 Number Of Heating Stages	AI	6122	1.3.6.1.4.1.6347.1.7.122.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U06 Number Of Freecooling Stages	AI	6123	1.3.6.1.4.1.6347.1.7.123.0
U06 Outdoor Air Dewpoint	AI	6124	1.3.6.1.4.1.6347.1.7.124.0
U06 Dehumid Type	MI	6125	1.3.6.1.4.1.6347.1.7.125.0
U06 Subcooling 1	AI	6126	1.3.6.1.4.1.6347.1.7.126.0
U06 Superheat 1	AI	6127	1.3.6.1.4.1.6347.1.7.127.0
U06 Superheat 2	AI	6128	1.3.6.1.4.1.6347.1.7.128.0
U06 Subcooling 2	AI	6129	1.3.6.1.4.1.6347.1.7.129.0
U06 Wall Unit Software Version X	AI	6130	1.3.6.1.4.1.6347.1.7.130.0
U06 Wall Unit Software Version Y	AI	6131	1.3.6.1.4.1.6347.1.7.131.0
U06 Wall Unit Software Version Z	AI	6132	1.3.6.1.4.1.6347.1.7.132.0
U06 Unit Runtime	AI	6133	1.3.6.1.4.1.6347.1.7.133.0
U06 Unit Starts	AI	6134	1.3.6.1.4.1.6347.1.7.134.0
U06 Fan 1 Runtime	AI	6135	1.3.6.1.4.1.6347.1.7.135.0
U06 Fan 1 Starts	AI	6136	1.3.6.1.4.1.6347.1.7.136.0
U06 Fan 2 Runtime	AI	6137	1.3.6.1.4.1.6347.1.7.137.0
U06 Fan 2 Starts	AI	6138	1.3.6.1.4.1.6347.1.7.138.0
U06 Blower 1 Runtime	AI	6139	1.3.6.1.4.1.6347.1.7.139.0
U06 Blower 1 Starts	AI	6140	1.3.6.1.4.1.6347.1.7.140.0
U06 Blower 2 Runtime	AI	6141	1.3.6.1.4.1.6347.1.7.141.0
U06 Blower 2 Starts	AI	6142	1.3.6.1.4.1.6347.1.7.142.0
U06 Freecooling 1 Runtime	AI	6143	1.3.6.1.4.1.6347.1.7.143.0
U06 Freecooling 1 Starts	AI	6144	1.3.6.1.4.1.6347.1.7.144.0
U06 Freecooling 2 Runtime	AI	6145	1.3.6.1.4.1.6347.1.7.145.0
U06 Freecooling 2 Starts	AI	6146	1.3.6.1.4.1.6347.1.7.146.0
U06 Compressor Stage 1 Runtime	AI	6147	1.3.6.1.4.1.6347.1.7.147.0
U06 Compressor Stage 1 Starts	AI	6148	1.3.6.1.4.1.6347.1.7.148.0
U06 Compressor Stage 2 Runtime	AI	6149	1.3.6.1.4.1.6347.1.7.149.0
U06 Compressor Stage 2 Starts	AI	6150	1.3.6.1.4.1.6347.1.7.150.0
U06 Compressor Stage 3 Runtime	AI	6151	1.3.6.1.4.1.6347.1.7.151.0
U06 Compressor Stage 3 Starts	AI	6152	1.3.6.1.4.1.6347.1.7.152.0
U06 Compressor 4 Runtime	AI	6153	1.3.6.1.4.1.6347.1.7.153.0
U06 Compressor 4 Starts	AI	6154	1.3.6.1.4.1.6347.1.7.154.0
U06 Electric Heat Stage 1 Runtime	AI	6155	1.3.6.1.4.1.6347.1.7.155.0
U06 Electric Heat Stage 1 Starts	AI	6156	1.3.6.1.4.1.6347.1.7.156.0
U06 Electric Heat Stage 2 Runtime	AI	6157	1.3.6.1.4.1.6347.1.7.157.0
U06 Electric Heat Stage 2 Starts	AI	6158	1.3.6.1.4.1.6347.1.7.158.0
U06 Electric Heat Stage 3 Runtime	AI	6159	1.3.6.1.4.1.6347.1.7.159.0
U06 Electric Heat Stage 3 Starts	AI	6160	1.3.6.1.4.1.6347.1.7.160.0
U06 Electric Heat Stage 4 Runtime	AI	6161	1.3.6.1.4.1.6347.1.7.161.0
U06 Electric Heat Stage 4 Starts	AI	6162	1.3.6.1.4.1.6347.1.7.162.0
U06 Unit Lifetime Hours	AI	6163	1.3.6.1.4.1.6347.1.7.163.0
U06 Blower 1 Lifetime Hours	AI	6164	1.3.6.1.4.1.6347.1.7.164.0
U06 Blower 2 Lifetime Hours	AI	6165	1.3.6.1.4.1.6347.1.7.165.0
U06 Fan 1 Lifetime Hours	AI	6166	1.3.6.1.4.1.6347.1.7.166.0
U06 Fan 2 Lifetime Hours	AI	6167	1.3.6.1.4.1.6347.1.7.167.0
U06 Compressor Stage 1 Lifetime Hours	AI	6168	1.3.6.1.4.1.6347.1.7.168.0
U06 Compressor Stage 2 Lifetime Hours	AI	6169	1.3.6.1.4.1.6347.1.7.169.0
U06 Compressor Stage 3 Lifetime Hours	AI	6170	1.3.6.1.4.1.6347.1.7.170.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U06 Compressor Stage 4 Lifetime Hours	AI	6171	1.3.6.1.4.1.6347.1.7.171.0
U06 Elec Heat Stage 1 Lifetime Hours	AI	6172	1.3.6.1.4.1.6347.1.7.172.0
U06 Elec Heat Stage 2 Lifetime Hours	AI	6173	1.3.6.1.4.1.6347.1.7.173.0
U06 Elec Heat Stage 3 Lifetime Hours	AI	6174	1.3.6.1.4.1.6347.1.7.174.0
U06 Elec Heat Stage 4 Lifetime Hours	AI	6175	1.3.6.1.4.1.6347.1.7.175.0
U06 Freecooling 1 Lifetime Hours	AI	6176	1.3.6.1.4.1.6347.1.7.176.0
U06 Freecooling 2 Lifetime Hours	AI	6177	1.3.6.1.4.1.6347.1.7.177.0
U06 Unit Type	MI	6178	1.3.6.1.4.1.6347.1.7.178.0
U06 Unit Status	MI	6179	1.3.6.1.4.1.6347.1.7.179.0
U07 Filter Switch Status 1	BI	7001	1.3.6.1.4.1.6347.1.8.1.0
U07 Filter Switch Status 2	BI	7002	1.3.6.1.4.1.6347.1.8.2.0
U07 Blower 1 Status	BI	7003	1.3.6.1.4.1.6347.1.8.3.0
U07 Blower 2 Status	BI	7004	1.3.6.1.4.1.6347.1.8.4.0
U07 Low Pressure Switch 1 Status	BI	7005	1.3.6.1.4.1.6347.1.8.5.0
U07 Damper Switch 1 Status	BI	7006	1.3.6.1.4.1.6347.1.8.6.0
U07 Damper Switch 2 Status	BI	7007	1.3.6.1.4.1.6347.1.8.7.0
U07 Damper Switch 3 Status	BI	7008	1.3.6.1.4.1.6347.1.8.8.0
U07 Damper Switch 4 Status	BI	7009	1.3.6.1.4.1.6347.1.8.9.0
U07 Reheat Valve 1	BI	7010	1.3.6.1.4.1.6347.1.8.10.0
U07 Electric Heat Stage 1	BI	7011	1.3.6.1.4.1.6347.1.8.11.0
U07 Electric Heat Stage 2	BI	7012	1.3.6.1.4.1.6347.1.8.12.0
U07 Freecooling Availability	BI	7013	1.3.6.1.4.1.6347.1.8.13.0
U07 Dirty Filter Indicator Light Stat	BI	7014	1.3.6.1.4.1.6347.1.8.14.0
U07 Compressor Cooling Stage 1	BI	7015	1.3.6.1.4.1.6347.1.8.15.0
U07 Compressor Cooling Stage 2	BI	7016	1.3.6.1.4.1.6347.1.8.16.0
U07 Compressor Cooling Stage 3	BI	7017	1.3.6.1.4.1.6347.1.8.17.0
U07 Airflow Switch 1 Status	BI	7018	1.3.6.1.4.1.6347.1.8.18.0
U07 Airflow Switch 2 Status	BI	7019	1.3.6.1.4.1.6347.1.8.19.0
U07 High Pressure 1 / CCM Alarm Stat1	BI	7020	1.3.6.1.4.1.6347.1.8.20.0
U07 High Pressure 2 / CCM Alarm Stat2	BI	7021	1.3.6.1.4.1.6347.1.8.21.0
U07 Power Loss Input Status	BI	7022	1.3.6.1.4.1.6347.1.8.22.0
U07 Unit Disable Status	BI	7023	1.3.6.1.4.1.6347.1.8.23.0
U07 Error Num Of Retain Mem Writings	BI	7024	1.3.6.1.4.1.6347.1.8.24.0
U07 Error In Retain Memory Writings	BI	7025	1.3.6.1.4.1.6347.1.8.25.0
U07 Ckt1 Return Air Temp Sensor Fault	BI	7026	1.3.6.1.4.1.6347.1.8.26.0
U07 Ckt1 High Return Air Temp	BI	7027	1.3.6.1.4.1.6347.1.8.27.0
U07 Ckt1 Mixed Air Temp Sensor Fault	BI	7028	1.3.6.1.4.1.6347.1.8.28.0
U07 Ckt1 Mixed Air High Temp	BI	7029	1.3.6.1.4.1.6347.1.8.29.0
U07 Ckt1 Mixed Air Low Temp	BI	7030	1.3.6.1.4.1.6347.1.8.30.0
U07 Ckt1 Supply Air Temp Sensor Fault	BI	7031	1.3.6.1.4.1.6347.1.8.31.0
U07 Ckt1 High Supply Air Temp	BI	7032	1.3.6.1.4.1.6347.1.8.32.0
U07 Ckt1 Low Supply Air Temp	BI	7033	1.3.6.1.4.1.6347.1.8.33.0
U07 Outdoor Air Temp Sensor Fault	BI	7034	1.3.6.1.4.1.6347.1.8.34.0
U07 Outdoor Air Humidity Sensor Fault	BI	7035	1.3.6.1.4.1.6347.1.8.35.0
U07 Ckt1 Dust Sensor Fault	BI	7036	1.3.6.1.4.1.6347.1.8.36.0
U07 Ckt1 High Dust Levels Detected	BI	7037	1.3.6.1.4.1.6347.1.8.37.0
U07 Ckt1 Liquid Line Temp Sen Fault	BI	7038	1.3.6.1.4.1.6347.1.8.38.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U07 Ckt1 Liquid Line Press Sen Fault	BI	7039	1.3.6.1.4.1.6347.1.8.39.0
U07 Ckt1 Suction Temp Sensor Fault	BI	7040	1.3.6.1.4.1.6347.1.8.40.0
U07 Ckt1 Suction Pressure Sen Fault	BI	7041	1.3.6.1.4.1.6347.1.8.41.0
U07 Ckt1 Low Pressure	BI	7042	1.3.6.1.4.1.6347.1.8.42.0
U07 Ckt1 High Pressure	BI	7043	1.3.6.1.4.1.6347.1.8.43.0
U07 Damper 1 Failed To Open	BI	7044	1.3.6.1.4.1.6347.1.8.44.0
U07 Damper 1 Failed To Close	BI	7045	1.3.6.1.4.1.6347.1.8.45.0
U07 Ckt1 Freeze Temp Sensor Fault	BI	7046	1.3.6.1.4.1.6347.1.8.46.0
U07 Ckt1 Freeze Condition	BI	7047	1.3.6.1.4.1.6347.1.8.47.0
U07 Ckt1 No Airflow Alarm	BI	7048	1.3.6.1.4.1.6347.1.8.48.0
U07 Dirty Filter 1	BI	7049	1.3.6.1.4.1.6347.1.8.49.0
U07 Emergency Ventilation	BI	7050	1.3.6.1.4.1.6347.1.8.50.0
U07 Emergency Cooling	BI	7051	1.3.6.1.4.1.6347.1.8.51.0
U07 Unit Disable Input Active	BI	7052	1.3.6.1.4.1.6347.1.8.52.0
U07 Power Loss Detected	BI	7053	1.3.6.1.4.1.6347.1.8.53.0
U07 Ckt1 Eev Low Superheat	BI	7054	1.3.6.1.4.1.6347.1.8.54.0
U07 Ckt2 Mixed Air Temp Sensor Fault	BI	7055	1.3.6.1.4.1.6347.1.8.55.0
U07 Ckt2 Mixed Air High Temp	BI	7056	1.3.6.1.4.1.6347.1.8.56.0
U07 Ckt2 Mixed Air Low Temp	BI	7057	1.3.6.1.4.1.6347.1.8.57.0
U07 Ckt2 Supply Air Temp Sensor Fault	BI	7058	1.3.6.1.4.1.6347.1.8.58.0
U07 Ckt2 High Supply Air Temp	BI	7059	1.3.6.1.4.1.6347.1.8.59.0
U07 Ckt2 Low Supply Air Temp	BI	7060	1.3.6.1.4.1.6347.1.8.60.0
U07 Ckt2 Liquid Line Temp Sen Fault	BI	7061	1.3.6.1.4.1.6347.1.8.61.0
U07 Ckt2 Liquid Line Press Sen Fault	BI	7062	1.3.6.1.4.1.6347.1.8.62.0
U07 Ckt2 Suction Temp Sensor Fault	BI	7063	1.3.6.1.4.1.6347.1.8.63.0
U07 Ckt2 Suction Pressure Sen Fault	BI	7064	1.3.6.1.4.1.6347.1.8.64.0
U07 Ckt2 Low Pressure	BI	7065	1.3.6.1.4.1.6347.1.8.65.0
U07 Ckt2 High Pressure	BI	7066	1.3.6.1.4.1.6347.1.8.66.0
U07 Damper 2 Failed To Close	BI	7067	1.3.6.1.4.1.6347.1.8.67.0
U07 Damper 2 Failed To Open	BI	7068	1.3.6.1.4.1.6347.1.8.68.0
U07 Damper 3 Failed To Open	BI	7069	1.3.6.1.4.1.6347.1.8.69.0
U07 Damper 3 Failed To Close	BI	7070	1.3.6.1.4.1.6347.1.8.70.0
U07 Damper 4 Failed To Open	BI	7071	1.3.6.1.4.1.6347.1.8.71.0
U07 Damper 4 Failed To Close	BI	7072	1.3.6.1.4.1.6347.1.8.72.0
U07 Ckt2 Freeze Temp Sensor Fault	BI	7073	1.3.6.1.4.1.6347.1.8.73.0
U07 Ckt2 Freeze Condition	BI	7074	1.3.6.1.4.1.6347.1.8.74.0
U07 Ckt2 No Airflow Alarm	BI	7075	1.3.6.1.4.1.6347.1.8.75.0
U07 Dirty Filter 2	BI	7076	1.3.6.1.4.1.6347.1.8.76.0
U07 Dirty Filter 3	BI	7077	1.3.6.1.4.1.6347.1.8.77.0
U07 Dirty Filter 4	BI	7078	1.3.6.1.4.1.6347.1.8.78.0
U07 Ckt2 Eev Low Superheat	BI	7079	1.3.6.1.4.1.6347.1.8.79.0
U07 C.Pcoe Offline	BI	7080	1.3.6.1.4.1.6347.1.8.80.0
U07 Blower 1 Offline	BI	7081	1.3.6.1.4.1.6347.1.8.81.0
U07 Blower 1 Trouble Alarm	BI	7082	1.3.6.1.4.1.6347.1.8.82.0
U07 Blower 2 Offline	BI	7083	1.3.6.1.4.1.6347.1.8.83.0
U07 Blower 2 Trouble Alarm	BI	7084	1.3.6.1.4.1.6347.1.8.84.0
U07 Condenser Fan 1 Offline	BI	7085	1.3.6.1.4.1.6347.1.8.85.0
U07 Fan 1 Trouble Alarm	BI	7086	1.3.6.1.4.1.6347.1.8.86.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U07 Condenser Fan 2 Offline	BI	7087	1.3.6.1.4.1.6347.1.8.87.0
U07 Fan 2 Trouble Alarm	BI	7088	1.3.6.1.4.1.6347.1.8.88.0
U07 Ckt1 Low Return Air Temp	BI	7089	1.3.6.1.4.1.6347.1.8.89.0
U07 Blower Or Fan Panel Open	BI	7090	1.3.6.1.4.1.6347.1.8.90.0
U07 Compressor 1 Status	MI	7091	1.3.6.1.4.1.6347.1.8.91.0
U07 Compressor 2 Status	MI	7092	1.3.6.1.4.1.6347.1.8.92.0
U07 Mixed Air Temp 1	AI	7093	1.3.6.1.4.1.6347.1.8.93.0
U07 Mixed Air Temp 2	AI	7094	1.3.6.1.4.1.6347.1.8.94.0
U07 Zone	AI	7095	1.3.6.1.4.1.6347.1.8.95.0
U07 Outdoor Air Temp 1	AI	7096	1.3.6.1.4.1.6347.1.8.96.0
U07 Return Air Temp 1	AI	7097	1.3.6.1.4.1.6347.1.8.97.0
U07 Outdoor Air Humidity 1	AI	7098	1.3.6.1.4.1.6347.1.8.98.0
U07 Evaporator Temp 1	AI	7099	1.3.6.1.4.1.6347.1.8.99.0
U07 Blower 1 Speed	AI	7100	1.3.6.1.4.1.6347.1.8.100.0
U07 Blower 2 Speed	AI	7101	1.3.6.1.4.1.6347.1.8.101.0
U07 Dust Sensor 1	AI	7102	1.3.6.1.4.1.6347.1.8.102.0
U07 Liquid Temp 1	AI	7103	1.3.6.1.4.1.6347.1.8.103.0
U07 Liquid Temp 2	AI	7104	1.3.6.1.4.1.6347.1.8.104.0
U07 Liquid Pressure 1	AI	7105	1.3.6.1.4.1.6347.1.8.105.0
U07 Liquid Pressure 2	AI	7106	1.3.6.1.4.1.6347.1.8.106.0
U07 Suction Pressure 1	AI	7107	1.3.6.1.4.1.6347.1.8.107.0
U07 Suction Pressure 2	AI	7108	1.3.6.1.4.1.6347.1.8.108.0
U07 Suction Temp 1	AI	7109	1.3.6.1.4.1.6347.1.8.109.0
U07 Suction Temp 2	AI	7110	1.3.6.1.4.1.6347.1.8.110.0
U07 Supply Air Temp 1	AI	7111	1.3.6.1.4.1.6347.1.8.111.0
U07 Supply Air Temp 2	AI	7112	1.3.6.1.4.1.6347.1.8.112.0
U07 Condenser Fan Speed 1	AI	7113	1.3.6.1.4.1.6347.1.8.113.0
U07 Condenser Fan Speed 2	AI	7114	1.3.6.1.4.1.6347.1.8.114.0
U07 Damper Position 1	AI	7115	1.3.6.1.4.1.6347.1.8.115.0
U07 Damper Position 2	AI	7116	1.3.6.1.4.1.6347.1.8.116.0
U07 Damper Position 3	AI	7117	1.3.6.1.4.1.6347.1.8.117.0
U07 Damper Position 4	AI	7118	1.3.6.1.4.1.6347.1.8.118.0
U07 Electronic Expansion Valve 1 Pos	AI	7119	1.3.6.1.4.1.6347.1.8.119.0
U07 Electronic Expansion Valve 2 Pos	AI	7120	1.3.6.1.4.1.6347.1.8.120.0
U07 Number Of Cooling Stages	AI	7121	1.3.6.1.4.1.6347.1.8.121.0
U07 Number Of Heating Stages	AI	7122	1.3.6.1.4.1.6347.1.8.122.0
U07 Number Of Freecooling Stages	AI	7123	1.3.6.1.4.1.6347.1.8.123.0
U07 Outdoor Air Dewpoint	AI	7124	1.3.6.1.4.1.6347.1.8.124.0
U07 Dehumid Type	MI	7125	1.3.6.1.4.1.6347.1.8.125.0
U07 Subcooling 1	AI	7126	1.3.6.1.4.1.6347.1.8.126.0
U07 Superheat 1	AI	7127	1.3.6.1.4.1.6347.1.8.127.0
U07 Superheat 2	AI	7128	1.3.6.1.4.1.6347.1.8.128.0
U07 Subcooling 2	AI	7129	1.3.6.1.4.1.6347.1.8.129.0
U07 Wall Unit Software Version X	AI	7130	1.3.6.1.4.1.6347.1.8.130.0
U07 Wall Unit Software Version Y	AI	7131	1.3.6.1.4.1.6347.1.8.131.0
U07 Wall Unit Software Version Z	AI	7132	1.3.6.1.4.1.6347.1.8.132.0
U07 Unit Runtime	AI	7133	1.3.6.1.4.1.6347.1.8.133.0
U07 Unit Starts	AI	7134	1.3.6.1.4.1.6347.1.8.134.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U07 Fan 1 Runtime	AI	7135	1.3.6.1.4.1.6347.1.8.135.0
U07 Fan 1 Starts	AI	7136	1.3.6.1.4.1.6347.1.8.136.0
U07 Fan 2 Runtime	AI	7137	1.3.6.1.4.1.6347.1.8.137.0
U07 Fan 2 Starts	AI	7138	1.3.6.1.4.1.6347.1.8.138.0
U07 Blower 1 Runtime	AI	7139	1.3.6.1.4.1.6347.1.8.139.0
U07 Blower 1 Starts	AI	7140	1.3.6.1.4.1.6347.1.8.140.0
U07 Blower 2 Runtime	AI	7141	1.3.6.1.4.1.6347.1.8.141.0
U07 Blower 2 Starts	AI	7142	1.3.6.1.4.1.6347.1.8.142.0
U07 Freecooling 1 Runtime	AI	7143	1.3.6.1.4.1.6347.1.8.143.0
U07 Freecooling 1 Starts	AI	7144	1.3.6.1.4.1.6347.1.8.144.0
U07 Freecooling 2 Runtime	AI	7145	1.3.6.1.4.1.6347.1.8.145.0
U07 Freecooling 2 Starts	AI	7146	1.3.6.1.4.1.6347.1.8.146.0
U07 Compressor Stage 1 Runtime	AI	7147	1.3.6.1.4.1.6347.1.8.147.0
U07 Compressor Stage 1 Starts	AI	7148	1.3.6.1.4.1.6347.1.8.148.0
U07 Compressor Stage 2 Runtime	AI	7149	1.3.6.1.4.1.6347.1.8.149.0
U07 Compressor Stage 2 Starts	AI	7150	1.3.6.1.4.1.6347.1.8.150.0
U07 Compressor Stage 3 Runtime	AI	7151	1.3.6.1.4.1.6347.1.8.151.0
U07 Compressor Stage 3 Starts	AI	7152	1.3.6.1.4.1.6347.1.8.152.0
U07 Compressor 4 Runtime	AI	7153	1.3.6.1.4.1.6347.1.8.153.0
U07 Compressor 4 Starts	AI	7154	1.3.6.1.4.1.6347.1.8.154.0
U07 Electric Heat Stage 1 Runtime	AI	7155	1.3.6.1.4.1.6347.1.8.155.0
U07 Electric Heat Stage 1 Starts	AI	7156	1.3.6.1.4.1.6347.1.8.156.0
U07 Electric Heat Stage 2 Runtime	AI	7157	1.3.6.1.4.1.6347.1.8.157.0
U07 Electric Heat Stage 2 Starts	AI	7158	1.3.6.1.4.1.6347.1.8.158.0
U07 Electric Heat Stage 3 Runtime	AI	7159	1.3.6.1.4.1.6347.1.8.159.0
U07 Electric Heat Stage 3 Starts	AI	7160	1.3.6.1.4.1.6347.1.8.160.0
U07 Electric Heat Stage 4 Runtime	AI	7161	1.3.6.1.4.1.6347.1.8.161.0
U07 Electric Heat Stage 4 Starts	AI	7162	1.3.6.1.4.1.6347.1.8.162.0
U07 Unit Lifetime Hours	AI	7163	1.3.6.1.4.1.6347.1.8.163.0
U07 Blower 1 Lifetime Hours	AI	7164	1.3.6.1.4.1.6347.1.8.164.0
U07 Blower 2 Lifetime Hours	AI	7165	1.3.6.1.4.1.6347.1.8.165.0
U07 Fan 1 Lifetime Hours	AI	7166	1.3.6.1.4.1.6347.1.8.166.0
U07 Fan 2 Lifetime Hours	AI	7167	1.3.6.1.4.1.6347.1.8.167.0
U07 Compressor Stage 1 Lifetime Hours	AI	7168	1.3.6.1.4.1.6347.1.8.168.0
U07 Compressor Stage 2 Lifetime Hours	AI	7169	1.3.6.1.4.1.6347.1.8.169.0
U07 Compressor Stage 3 Lifetime Hours	AI	7170	1.3.6.1.4.1.6347.1.8.170.0
U07 Compressor Stage 4 Lifetime Hours	AI	7171	1.3.6.1.4.1.6347.1.8.171.0
U07 Elec Heat Stage 1 Lifetime Hours	AI	7172	1.3.6.1.4.1.6347.1.8.172.0
U07 Elec Heat Stage 2 Lifetime Hours	AI	7173	1.3.6.1.4.1.6347.1.8.173.0
U07 Elec Heat Stage 3 Lifetime Hours	AI	7174	1.3.6.1.4.1.6347.1.8.174.0
U07 Elec Heat Stage 4 Lifetime Hours	AI	7175	1.3.6.1.4.1.6347.1.8.175.0
U07 Freecooling 1 Lifetime Hours	AI	7176	1.3.6.1.4.1.6347.1.8.176.0
U07 Freecooling 2 Lifetime Hours	AI	7177	1.3.6.1.4.1.6347.1.8.177.0
U07 Unit Type	MI	7178	1.3.6.1.4.1.6347.1.8.178.0
U07 Unit Status	MI	7179	1.3.6.1.4.1.6347.1.8.179.0
U08 Filter Switch Status 1	BI	8001	1.3.6.1.4.1.6347.1.9.1.0
U08 Filter Switch Status 2	BI	8002	1.3.6.1.4.1.6347.1.9.2.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U08 Blower 1 Status	BI	8003	1.3.6.1.4.1.6347.1.9.3.0
U08 Blower 2 Status	BI	8004	1.3.6.1.4.1.6347.1.9.4.0
U08 Low Pressure Switch 1 Status	BI	8005	1.3.6.1.4.1.6347.1.9.5.0
U08 Damper Switch 1 Status	BI	8006	1.3.6.1.4.1.6347.1.9.6.0
U08 Damper Switch 2 Status	BI	8007	1.3.6.1.4.1.6347.1.9.7.0
U08 Damper Switch 3 Status	BI	8008	1.3.6.1.4.1.6347.1.9.8.0
U08 Damper Switch 4 Status	BI	8009	1.3.6.1.4.1.6347.1.9.9.0
U08 Reheat Valve 1	BI	8010	1.3.6.1.4.1.6347.1.9.10.0
U08 Electric Heat Stage 1	BI	8011	1.3.6.1.4.1.6347.1.9.11.0
U08 Electric Heat Stage 2	BI	8012	1.3.6.1.4.1.6347.1.9.12.0
U08 Freecooling Availability	BI	8013	1.3.6.1.4.1.6347.1.9.13.0
U08 Dirty Filter Indicator Light Stat	BI	8014	1.3.6.1.4.1.6347.1.9.14.0
U08 Compressor Cooling Stage 1	BI	8015	1.3.6.1.4.1.6347.1.9.15.0
U08 Compressor Cooling Stage 2	BI	8016	1.3.6.1.4.1.6347.1.9.16.0
U08 Compressor Cooling Stage 3	BI	8017	1.3.6.1.4.1.6347.1.9.17.0
U08 Airflow Switch 1 Status	BI	8018	1.3.6.1.4.1.6347.1.9.18.0
U08 Airflow Switch 2 Status	BI	8019	1.3.6.1.4.1.6347.1.9.19.0
U08 High Pressure 1 / CCM Alarm Stat1	BI	8020	1.3.6.1.4.1.6347.1.9.20.0
U08 High Pressure 2 / CCM Alarm Stat2	BI	8021	1.3.6.1.4.1.6347.1.9.21.0
U08 Power Loss Input Status	BI	8022	1.3.6.1.4.1.6347.1.9.22.0
U08 Unit Disable Status	BI	8023	1.3.6.1.4.1.6347.1.9.23.0
U08 Error Num Of Retain Mem Writings	BI	8024	1.3.6.1.4.1.6347.1.9.24.0
U08 Error In Retain Memory Writings	BI	8025	1.3.6.1.4.1.6347.1.9.25.0
U08 Ckt1 Return Air Temp Sensor Fault	BI	8026	1.3.6.1.4.1.6347.1.9.26.0
U08 Ckt1 High Return Air Temp	BI	8027	1.3.6.1.4.1.6347.1.9.27.0
U08 Ckt1 Mixed Air Temp Sensor Fault	BI	8028	1.3.6.1.4.1.6347.1.9.28.0
U08 Ckt1 Mixed Air High Temp	BI	8029	1.3.6.1.4.1.6347.1.9.29.0
U08 Ckt1 Mixed Air Low Temp	BI	8030	1.3.6.1.4.1.6347.1.9.30.0
U08 Ckt1 Supply Air Temp Sensor Fault	BI	8031	1.3.6.1.4.1.6347.1.9.31.0
U08 Ckt1 High Supply Air Temp	BI	8032	1.3.6.1.4.1.6347.1.9.32.0
U08 Ckt1 Low Supply Air Temp	BI	8033	1.3.6.1.4.1.6347.1.9.33.0
U08 Outdoor Air Temp Sensor Fault	BI	8034	1.3.6.1.4.1.6347.1.9.34.0
U08 Outdoor Air Humidity Sensor Fault	BI	8035	1.3.6.1.4.1.6347.1.9.35.0
U08 Ckt1 Dust Sensor Fault	BI	8036	1.3.6.1.4.1.6347.1.9.36.0
U08 Ckt1 High Dust Levels Detected	BI	8037	1.3.6.1.4.1.6347.1.9.37.0
U08 Ckt1 Liquid Line Temp Sen Fault	BI	8038	1.3.6.1.4.1.6347.1.9.38.0
U08 Ckt1 Liquid Line Press Sen Fault	BI	8039	1.3.6.1.4.1.6347.1.9.39.0
U08 Ckt1 Suction Temp Sensor Fault	BI	8040	1.3.6.1.4.1.6347.1.9.40.0
U08 Ckt1 Suction Pressure Sen Fault	BI	8041	1.3.6.1.4.1.6347.1.9.41.0
U08 Ckt1 Low Pressure	BI	8042	1.3.6.1.4.1.6347.1.9.42.0
U08 Ckt1 High Pressure	BI	8043	1.3.6.1.4.1.6347.1.9.43.0
U08 Damper 1 Failed To Open	BI	8044	1.3.6.1.4.1.6347.1.9.44.0
U08 Damper 1 Failed To Close	BI	8045	1.3.6.1.4.1.6347.1.9.45.0
U08 Ckt1 Freeze Temp Sensor Fault	BI	8046	1.3.6.1.4.1.6347.1.9.46.0
U08 Ckt1 Freeze Condition	BI	8047	1.3.6.1.4.1.6347.1.9.47.0
U08 Ckt1 No Airflow Alarm	BI	8048	1.3.6.1.4.1.6347.1.9.48.0
U08 Dirty Filter 1	BI	8049	1.3.6.1.4.1.6347.1.9.49.0
U08 Emergency Ventilation	BI	8050	1.3.6.1.4.1.6347.1.9.50.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U08 Emergency Cooling	BI	8051	1.3.6.1.4.1.6347.1.9.51.0
U08 Unit Disable Input Active	BI	8052	1.3.6.1.4.1.6347.1.9.52.0
U08 Power Loss Detected	BI	8053	1.3.6.1.4.1.6347.1.9.53.0
U08 Ckt1 Eev Low Superheat	BI	8054	1.3.6.1.4.1.6347.1.9.54.0
U08 Ckt2 Mixed Air Temp Sensor Fault	BI	8055	1.3.6.1.4.1.6347.1.9.55.0
U08 Ckt2 Mixed Air High Temp	BI	8056	1.3.6.1.4.1.6347.1.9.56.0
U08 Ckt2 Mixed Air Low Temp	BI	8057	1.3.6.1.4.1.6347.1.9.57.0
U08 Ckt2 Supply Air Temp Sensor Fault	BI	8058	1.3.6.1.4.1.6347.1.9.58.0
U08 Ckt2 High Supply Air Temp	BI	8059	1.3.6.1.4.1.6347.1.9.59.0
U08 Ckt2 Low Supply Air Temp	BI	8060	1.3.6.1.4.1.6347.1.9.60.0
U08 Ckt2 Liquid Line Temp Sen Fault	BI	8061	1.3.6.1.4.1.6347.1.9.61.0
U08 Ckt2 Liquid Line Press Sen Fault	BI	8062	1.3.6.1.4.1.6347.1.9.62.0
U08 Ckt2 Suction Temp Sensor Fault	BI	8063	1.3.6.1.4.1.6347.1.9.63.0
U08 Ckt2 Suction Pressure Sen Fault	BI	8064	1.3.6.1.4.1.6347.1.9.64.0
U08 Ckt2 Low Pressure	BI	8065	1.3.6.1.4.1.6347.1.9.65.0
U08 Ckt2 High Pressure	BI	8066	1.3.6.1.4.1.6347.1.9.66.0
U08 Damper 2 Failed To Close	BI	8067	1.3.6.1.4.1.6347.1.9.67.0
U08 Damper 2 Failed To Open	BI	8068	1.3.6.1.4.1.6347.1.9.68.0
U08 Damper 3 Failed To Open	BI	8069	1.3.6.1.4.1.6347.1.9.69.0
U08 Damper 3 Failed To Close	BI	8070	1.3.6.1.4.1.6347.1.9.70.0
U08 Damper 4 Failed To Open	BI	8071	1.3.6.1.4.1.6347.1.9.71.0
U08 Damper 4 Failed To Close	BI	8072	1.3.6.1.4.1.6347.1.9.72.0
U08 Ckt2 Freeze Temp Sensor Fault	BI	8073	1.3.6.1.4.1.6347.1.9.73.0
U08 Ckt2 Freeze Condition	BI	8074	1.3.6.1.4.1.6347.1.9.74.0
U08 Ckt2 No Airflow Alarm	BI	8075	1.3.6.1.4.1.6347.1.9.75.0
U08 Dirty Filter 2	BI	8076	1.3.6.1.4.1.6347.1.9.76.0
U08 Dirty Filter 3	BI	8077	1.3.6.1.4.1.6347.1.9.77.0
U08 Dirty Filter 4	BI	8078	1.3.6.1.4.1.6347.1.9.78.0
U08 Ckt2 Eev Low Superheat	BI	8079	1.3.6.1.4.1.6347.1.9.79.0
U08 C.Pcoe Offline	BI	8080	1.3.6.1.4.1.6347.1.9.80.0
U08 Blower 1 Offline	BI	8081	1.3.6.1.4.1.6347.1.9.81.0
U08 Blower 1 Trouble Alarm	BI	8082	1.3.6.1.4.1.6347.1.9.82.0
U08 Blower 2 Offline	BI	8083	1.3.6.1.4.1.6347.1.9.83.0
U08 Blower 2 Trouble Alarm	BI	8084	1.3.6.1.4.1.6347.1.9.84.0
U08 Condenser Fan 1 Offline	BI	8085	1.3.6.1.4.1.6347.1.9.85.0
U08 Fan 1 Trouble Alarm	BI	8086	1.3.6.1.4.1.6347.1.9.86.0
U08 Condenser Fan 2 Offline	BI	8087	1.3.6.1.4.1.6347.1.9.87.0
U08 Fan 2 Trouble Alarm	BI	8088	1.3.6.1.4.1.6347.1.9.88.0
U08 Ckt1 Low Return Air Temp	BI	8089	1.3.6.1.4.1.6347.1.9.89.0
U08 Blower Or Fan Panel Open	BI	8090	1.3.6.1.4.1.6347.1.9.90.0
U08 Compressor 1 Status	MI	8091	1.3.6.1.4.1.6347.1.9.91.0
U08 Compressor 2 Status	MI	8092	1.3.6.1.4.1.6347.1.9.92.0
U08 Mixed Air Temp 1	AI	8093	1.3.6.1.4.1.6347.1.9.93.0
U08 Mixed Air Temp 2	AI	8094	1.3.6.1.4.1.6347.1.9.94.0
U08 Zone	AI	8095	1.3.6.1.4.1.6347.1.9.95.0
U08 Outdoor Air Temp 1	AI	8096	1.3.6.1.4.1.6347.1.9.96.0
U08 Return Air Temp 1	AI	8097	1.3.6.1.4.1.6347.1.9.97.0
U08 Outdoor Air Humidity 1	AI	8098	1.3.6.1.4.1.6347.1.9.98.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U08 Evaporator Temp 1	AI	8099	1.3.6.1.4.1.6347.1.9.99.0
U08 Blower 1 Speed	AI	8100	1.3.6.1.4.1.6347.1.9.100.0
U08 Blower 2 Speed	AI	8101	1.3.6.1.4.1.6347.1.9.101.0
U08 Dust Sensor 1	AI	8102	1.3.6.1.4.1.6347.1.9.102.0
U08 Liquid Temp 1	AI	8103	1.3.6.1.4.1.6347.1.9.103.0
U08 Liquid Temp 2	AI	8104	1.3.6.1.4.1.6347.1.9.104.0
U08 Liquid Pressure 1	AI	8105	1.3.6.1.4.1.6347.1.9.105.0
U08 Liquid Pressure 2	AI	8106	1.3.6.1.4.1.6347.1.9.106.0
U08 Suction Pressure 1	AI	8107	1.3.6.1.4.1.6347.1.9.107.0
U08 Suction Pressure 2	AI	8108	1.3.6.1.4.1.6347.1.9.108.0
U08 Suction Temp 1	AI	8109	1.3.6.1.4.1.6347.1.9.109.0
U08 Suction Temp 2	AI	8110	1.3.6.1.4.1.6347.1.9.110.0
U08 Supply Air Temp 1	AI	8111	1.3.6.1.4.1.6347.1.9.111.0
U08 Supply Air Temp 2	AI	8112	1.3.6.1.4.1.6347.1.9.112.0
U08 Condenser Fan Speed 1	AI	8113	1.3.6.1.4.1.6347.1.9.113.0
U08 Condenser Fan Speed 2	AI	8114	1.3.6.1.4.1.6347.1.9.114.0
U08 Damper Position 1	AI	8115	1.3.6.1.4.1.6347.1.9.115.0
U08 Damper Position 2	AI	8116	1.3.6.1.4.1.6347.1.9.116.0
U08 Damper Position 3	AI	8117	1.3.6.1.4.1.6347.1.9.117.0
U08 Damper Position 4	AI	8118	1.3.6.1.4.1.6347.1.9.118.0
U08 Electronic Expansion Valve 1 Pos	AI	8119	1.3.6.1.4.1.6347.1.9.119.0
U08 Electronic Expansion Valve 2 Pos	AI	8120	1.3.6.1.4.1.6347.1.9.120.0
U08 Number Of Cooling Stages	AI	8121	1.3.6.1.4.1.6347.1.9.121.0
U08 Number Of Heating Stages	AI	8122	1.3.6.1.4.1.6347.1.9.122.0
U08 Number Of Freecooling Stages	AI	8123	1.3.6.1.4.1.6347.1.9.123.0
U08 Outdoor Air Dewpoint	AI	8124	1.3.6.1.4.1.6347.1.9.124.0
U08 Dehumid Type	MI	8125	1.3.6.1.4.1.6347.1.9.125.0
U08 Subcooling 1	AI	8126	1.3.6.1.4.1.6347.1.9.126.0
U08 Superheat 1	AI	8127	1.3.6.1.4.1.6347.1.9.127.0
U08 Superheat 2	AI	8128	1.3.6.1.4.1.6347.1.9.128.0
U08 Subcooling 2	AI	8129	1.3.6.1.4.1.6347.1.9.129.0
U08 Wall Unit Software Version X	AI	8130	1.3.6.1.4.1.6347.1.9.130.0
U08 Wall Unit Software Version Y	AI	8131	1.3.6.1.4.1.6347.1.9.131.0
U08 Wall Unit Software Version Z	AI	8132	1.3.6.1.4.1.6347.1.9.132.0
U08 Unit Runtime	AI	8133	1.3.6.1.4.1.6347.1.9.133.0
U08 Unit Starts	AI	8134	1.3.6.1.4.1.6347.1.9.134.0
U08 Fan 1 Runtime	AI	8135	1.3.6.1.4.1.6347.1.9.135.0
U08 Fan 1 Starts	AI	8136	1.3.6.1.4.1.6347.1.9.136.0
U08 Fan 2 Runtime	AI	8137	1.3.6.1.4.1.6347.1.9.137.0
U08 Fan 2 Starts	AI	8138	1.3.6.1.4.1.6347.1.9.138.0
U08 Blower 1 Runtime	AI	8139	1.3.6.1.4.1.6347.1.9.139.0
U08 Blower 1 Starts	AI	8140	1.3.6.1.4.1.6347.1.9.140.0
U08 Blower 2 Runtime	AI	8141	1.3.6.1.4.1.6347.1.9.141.0
U08 Blower 2 Starts	AI	8142	1.3.6.1.4.1.6347.1.9.142.0
U08 Freecooling 1 Runtime	AI	8143	1.3.6.1.4.1.6347.1.9.143.0
U08 Freecooling 1 Starts	AI	8144	1.3.6.1.4.1.6347.1.9.144.0
U08 Freecooling 2 Runtime	AI	8145	1.3.6.1.4.1.6347.1.9.145.0
U08 Freecooling 2 Starts	AI	8146	1.3.6.1.4.1.6347.1.9.146.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U08 Compressor Stage 1 Runtime	AI	8147	1.3.6.1.4.1.6347.1.9.147.0
U08 Compressor Stage 1 Starts	AI	8148	1.3.6.1.4.1.6347.1.9.148.0
U08 Compressor Stage 2 Runtime	AI	8149	1.3.6.1.4.1.6347.1.9.149.0
U08 Compressor Stage 2 Starts	AI	8150	1.3.6.1.4.1.6347.1.9.150.0
U08 Compressor Stage 3 Runtime	AI	8151	1.3.6.1.4.1.6347.1.9.151.0
U08 Compressor Stage 3 Starts	AI	8152	1.3.6.1.4.1.6347.1.9.152.0
U08 Compressor 4 Runtime	AI	8153	1.3.6.1.4.1.6347.1.9.153.0
U08 Compressor 4 Starts	AI	8154	1.3.6.1.4.1.6347.1.9.154.0
U08 Electric Heat Stage 1 Runtime	AI	8155	1.3.6.1.4.1.6347.1.9.155.0
U08 Electric Heat Stage 1 Starts	AI	8156	1.3.6.1.4.1.6347.1.9.156.0
U08 Electric Heat Stage 2 Runtime	AI	8157	1.3.6.1.4.1.6347.1.9.157.0
U08 Electric Heat Stage 2 Starts	AI	8158	1.3.6.1.4.1.6347.1.9.158.0
U08 Electric Heat Stage 3 Runtime	AI	8159	1.3.6.1.4.1.6347.1.9.159.0
U08 Electric Heat Stage 3 Starts	AI	8160	1.3.6.1.4.1.6347.1.9.160.0
U08 Electric Heat Stage 4 Runtime	AI	8161	1.3.6.1.4.1.6347.1.9.161.0
U08 Electric Heat Stage 4 Starts	AI	8162	1.3.6.1.4.1.6347.1.9.162.0
U08 Unit Lifetime Hours	AI	8163	1.3.6.1.4.1.6347.1.9.163.0
U08 Blower 1 Lifetime Hours	AI	8164	1.3.6.1.4.1.6347.1.9.164.0
U08 Blower 2 Lifetime Hours	AI	8165	1.3.6.1.4.1.6347.1.9.165.0
U08 Fan 1 Lifetime Hours	AI	8166	1.3.6.1.4.1.6347.1.9.166.0
U08 Fan 2 Lifetime Hours	AI	8167	1.3.6.1.4.1.6347.1.9.167.0
U08 Compressor Stage 1 Lifetime Hours	AI	8168	1.3.6.1.4.1.6347.1.9.168.0
U08 Compressor Stage 2 Lifetime Hours	AI	8169	1.3.6.1.4.1.6347.1.9.169.0
U08 Compressor Stage 3 Lifetime Hours	AI	8170	1.3.6.1.4.1.6347.1.9.170.0
U08 Compressor Stage 4 Lifetime Hours	AI	8171	1.3.6.1.4.1.6347.1.9.171.0
U08 Elec Heat Stage 1 Lifetime Hours	AI	8172	1.3.6.1.4.1.6347.1.9.172.0
U08 Elec Heat Stage 2 Lifetime Hours	AI	8173	1.3.6.1.4.1.6347.1.9.173.0
U08 Elec Heat Stage 3 Lifetime Hours	AI	8174	1.3.6.1.4.1.6347.1.9.174.0
U08 Elec Heat Stage 4 Lifetime Hours	AI	8175	1.3.6.1.4.1.6347.1.9.175.0
U08 Freecooling 1 Lifetime Hours	AI	8176	1.3.6.1.4.1.6347.1.9.176.0
U08 Freecooling 2 Lifetime Hours	AI	8177	1.3.6.1.4.1.6347.1.9.177.0
U08 Unit Type	MI	8178	1.3.6.1.4.1.6347.1.9.178.0
U08 Unit Status	MI	8179	1.3.6.1.4.1.6347.1.9.179.0
U09 Filter Switch Status 1	BI	9001	1.3.6.1.4.1.6347.1.10.1.0
U09 Filter Switch Status 2	BI	9002	1.3.6.1.4.1.6347.1.10.2.0
U09 Blower 1 Status	BI	9003	1.3.6.1.4.1.6347.1.10.3.0
U09 Blower 2 Status	BI	9004	1.3.6.1.4.1.6347.1.10.4.0
U09 Low Pressure Switch 1 Status	BI	9005	1.3.6.1.4.1.6347.1.10.5.0
U09 Damper Switch 1 Status	BI	9006	1.3.6.1.4.1.6347.1.10.6.0
U09 Damper Switch 2 Status	BI	9007	1.3.6.1.4.1.6347.1.10.7.0
U09 Damper Switch 3 Status	BI	9008	1.3.6.1.4.1.6347.1.10.8.0
U09 Damper Switch 4 Status	BI	9009	1.3.6.1.4.1.6347.1.10.9.0
U09 Reheat Valve 1	BI	9010	1.3.6.1.4.1.6347.1.10.10.0
U09 Electric Heat Stage 1	BI	9011	1.3.6.1.4.1.6347.1.10.11.0
U09 Electric Heat Stage 2	BI	9012	1.3.6.1.4.1.6347.1.10.12.0
U09 Freecooling Availability	BI	9013	1.3.6.1.4.1.6347.1.10.13.0
U09 Dirty Filter Indicator Light Stat	BI	9014	1.3.6.1.4.1.6347.1.10.14.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U09 Compressor Cooling Stage 1	BI	9015	1.3.6.1.4.1.6347.1.10.15.0
U09 Compressor Cooling Stage 2	BI	9016	1.3.6.1.4.1.6347.1.10.16.0
U09 Compressor Cooling Stage 3	BI	9017	1.3.6.1.4.1.6347.1.10.17.0
U09 Airflow Switch 1 Status	BI	9018	1.3.6.1.4.1.6347.1.10.18.0
U09 Airflow Switch 2 Status	BI	9019	1.3.6.1.4.1.6347.1.10.19.0
U09 High Pressure 1 / CCM Alarm Stat1	BI	9020	1.3.6.1.4.1.6347.1.10.20.0
U09 High Pressure 2 / CCM Alarm Stat2	BI	9021	1.3.6.1.4.1.6347.1.10.21.0
U09 Power Loss Input Status	BI	9022	1.3.6.1.4.1.6347.1.10.22.0
U09 Unit Disable Status	BI	9023	1.3.6.1.4.1.6347.1.10.23.0
U09 Error Num Of Retain Mem Writings	BI	9024	1.3.6.1.4.1.6347.1.10.24.0
U09 Error In Retain Memory Writings	BI	9025	1.3.6.1.4.1.6347.1.10.25.0
U09 Ckt1 Return Air Temp Sensor Fault	BI	9026	1.3.6.1.4.1.6347.1.10.26.0
U09 Ckt1 High Return Air Temp	BI	9027	1.3.6.1.4.1.6347.1.10.27.0
U09 Ckt1 Mixed Air Temp Sensor Fault	BI	9028	1.3.6.1.4.1.6347.1.10.28.0
U09 Ckt1 Mixed Air High Temp	BI	9029	1.3.6.1.4.1.6347.1.10.29.0
U09 Ckt1 Mixed Air Low Temp	BI	9030	1.3.6.1.4.1.6347.1.10.30.0
U09 Ckt1 Supply Air Temp Sensor Fault	BI	9031	1.3.6.1.4.1.6347.1.10.31.0
U09 Ckt1 High Supply Air Temp	BI	9032	1.3.6.1.4.1.6347.1.10.32.0
U09 Ckt1 Low Supply Air Temp	BI	9033	1.3.6.1.4.1.6347.1.10.33.0
U09 Outdoor Air Temp Sensor Fault	BI	9034	1.3.6.1.4.1.6347.1.10.34.0
U09 Outdoor Air Humidity Sensor Fault	BI	9035	1.3.6.1.4.1.6347.1.10.35.0
U09 Ckt1 Dust Sensor Fault	BI	9036	1.3.6.1.4.1.6347.1.10.36.0
U09 Ckt1 High Dust Levels Detected	BI	9037	1.3.6.1.4.1.6347.1.10.37.0
U09 Ckt1 Liquid Line Temp Sen Fault	BI	9038	1.3.6.1.4.1.6347.1.10.38.0
U09 Ckt1 Liquid Line Press Sen Fault	BI	9039	1.3.6.1.4.1.6347.1.10.39.0
U09 Ckt1 Suction Temp Sensor Fault	BI	9040	1.3.6.1.4.1.6347.1.10.40.0
U09 Ckt1 Suction Pressure Sen Fault	BI	9041	1.3.6.1.4.1.6347.1.10.41.0
U09 Ckt1 Low Pressure	BI	9042	1.3.6.1.4.1.6347.1.10.42.0
U09 Ckt1 High Pressure	BI	9043	1.3.6.1.4.1.6347.1.10.43.0
U09 Damper 1 Failed To Open	BI	9044	1.3.6.1.4.1.6347.1.10.44.0
U09 Damper 1 Failed To Close	BI	9045	1.3.6.1.4.1.6347.1.10.45.0
U09 Ckt1 Freeze Temp Sensor Fault	BI	9046	1.3.6.1.4.1.6347.1.10.46.0
U09 Ckt1 Freeze Condition	BI	9047	1.3.6.1.4.1.6347.1.10.47.0
U09 Ckt1 No Airflow Alarm	BI	9048	1.3.6.1.4.1.6347.1.10.48.0
U09 Dirty Filter 1	BI	9049	1.3.6.1.4.1.6347.1.10.49.0
U09 Emergency Ventilation	BI	9050	1.3.6.1.4.1.6347.1.10.50.0
U09 Emergency Cooling	BI	9051	1.3.6.1.4.1.6347.1.10.51.0
U09 Unit Disable Input Active	BI	9052	1.3.6.1.4.1.6347.1.10.52.0
U09 Power Loss Detected	BI	9053	1.3.6.1.4.1.6347.1.10.53.0
U09 Ckt1 Eev Low Superheat	BI	9054	1.3.6.1.4.1.6347.1.10.54.0
U09 Ckt2 Mixed Air Temp Sensor Fault	BI	9055	1.3.6.1.4.1.6347.1.10.55.0
U09 Ckt2 Mixed Air High Temp	BI	9056	1.3.6.1.4.1.6347.1.10.56.0
U09 Ckt2 Mixed Air Low Temp	BI	9057	1.3.6.1.4.1.6347.1.10.57.0
U09 Ckt2 Supply Air Temp Sensor Fault	BI	9058	1.3.6.1.4.1.6347.1.10.58.0
U09 Ckt2 High Supply Air Temp	BI	9059	1.3.6.1.4.1.6347.1.10.59.0
U09 Ckt2 Low Supply Air Temp	BI	9060	1.3.6.1.4.1.6347.1.10.60.0
U09 Ckt2 Liquid Line Temp Sen Fault	BI	9061	1.3.6.1.4.1.6347.1.10.61.0
U09 Ckt2 Liquid Line Press Sen Fault	BI	9062	1.3.6.1.4.1.6347.1.10.62.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U09 Ckt2 Suction Temp Sensor Fault	BI	9063	1.3.6.1.4.1.6347.1.10.63.0
U09 Ckt2 Suction Pressure Sen Fault	BI	9064	1.3.6.1.4.1.6347.1.10.64.0
U09 Ckt2 Low Pressure	BI	9065	1.3.6.1.4.1.6347.1.10.65.0
U09 Ckt2 High Pressure	BI	9066	1.3.6.1.4.1.6347.1.10.66.0
U09 Damper 2 Failed To Close	BI	9067	1.3.6.1.4.1.6347.1.10.67.0
U09 Damper 2 Failed To Open	BI	9068	1.3.6.1.4.1.6347.1.10.68.0
U09 Damper 3 Failed To Open	BI	9069	1.3.6.1.4.1.6347.1.10.69.0
U09 Damper 3 Failed To Close	BI	9070	1.3.6.1.4.1.6347.1.10.70.0
U09 Damper 4 Failed To Open	BI	9071	1.3.6.1.4.1.6347.1.10.71.0
U09 Damper 4 Failed To Close	BI	9072	1.3.6.1.4.1.6347.1.10.72.0
U09 Ckt2 Freeze Temp Sensor Fault	BI	9073	1.3.6.1.4.1.6347.1.10.73.0
U09 Ckt2 Freeze Condition	BI	9074	1.3.6.1.4.1.6347.1.10.74.0
U09 Ckt2 No Airflow Alarm	BI	9075	1.3.6.1.4.1.6347.1.10.75.0
U09 Dirty Filter 2	BI	9076	1.3.6.1.4.1.6347.1.10.76.0
U09 Dirty Filter 3	BI	9077	1.3.6.1.4.1.6347.1.10.77.0
U09 Dirty Filter 4	BI	9078	1.3.6.1.4.1.6347.1.10.78.0
U09 Ckt2 Eev Low Superheat	BI	9079	1.3.6.1.4.1.6347.1.10.79.0
U09 C.Pcoe Offline	BI	9080	1.3.6.1.4.1.6347.1.10.80.0
U09 Blower 1 Offline	BI	9081	1.3.6.1.4.1.6347.1.10.81.0
U09 Blower 1 Trouble Alarm	BI	9082	1.3.6.1.4.1.6347.1.10.82.0
U09 Blower 2 Offline	BI	9083	1.3.6.1.4.1.6347.1.10.83.0
U09 Blower 2 Trouble Alarm	BI	9084	1.3.6.1.4.1.6347.1.10.84.0
U09 Condenser Fan 1 Offline	BI	9085	1.3.6.1.4.1.6347.1.10.85.0
U09 Fan 1 Trouble Alarm	BI	9086	1.3.6.1.4.1.6347.1.10.86.0
U09 Condenser Fan 2 Offline	BI	9087	1.3.6.1.4.1.6347.1.10.87.0
U09 Fan 2 Trouble Alarm	BI	9088	1.3.6.1.4.1.6347.1.10.88.0
U09 Ckt1 Low Return Air Temp	BI	9089	1.3.6.1.4.1.6347.1.10.89.0
U09 Blower Or Fan Panel Open	BI	9090	1.3.6.1.4.1.6347.1.10.90.0
U09 Compressor 1 Status	MI	9091	1.3.6.1.4.1.6347.1.10.91.0
U09 Compressor 2 Status	MI	9092	1.3.6.1.4.1.6347.1.10.92.0
U09 Mixed Air Temp 1	AI	9093	1.3.6.1.4.1.6347.1.10.93.0
U09 Mixed Air Temp 2	AI	9094	1.3.6.1.4.1.6347.1.10.94.0
U09 Zone	AI	9095	1.3.6.1.4.1.6347.1.10.95.0
U09 Outdoor Air Temp 1	AI	9096	1.3.6.1.4.1.6347.1.10.96.0
U09 Return Air Temp 1	AI	9097	1.3.6.1.4.1.6347.1.10.97.0
U09 Outdoor Air Humidity 1	AI	9098	1.3.6.1.4.1.6347.1.10.98.0
U09 Evaporator Temp 1	AI	9099	1.3.6.1.4.1.6347.1.10.99.0
U09 Blower 1 Speed	AI	9100	1.3.6.1.4.1.6347.1.10.100.0
U09 Blower 2 Speed	AI	9101	1.3.6.1.4.1.6347.1.10.101.0
U09 Dust Sensor 1	AI	9102	1.3.6.1.4.1.6347.1.10.102.0
U09 Liquid Temp 1	AI	9103	1.3.6.1.4.1.6347.1.10.103.0
U09 Liquid Temp 2	AI	9104	1.3.6.1.4.1.6347.1.10.104.0
U09 Liquid Pressure 1	AI	9105	1.3.6.1.4.1.6347.1.10.105.0
U09 Liquid Pressure 2	AI	9106	1.3.6.1.4.1.6347.1.10.106.0
U09 Suction Pressure 1	AI	9107	1.3.6.1.4.1.6347.1.10.107.0
U09 Suction Pressure 2	AI	9108	1.3.6.1.4.1.6347.1.10.108.0
U09 Suction Temp 1	AI	9109	1.3.6.1.4.1.6347.1.10.109.0
U09 Suction Temp 2	AI	9110	1.3.6.1.4.1.6347.1.10.110.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U09 Supply Air Temp 1	AI	9111	1.3.6.1.4.1.6347.1.10.111.0
U09 Supply Air Temp 2	AI	9112	1.3.6.1.4.1.6347.1.10.112.0
U09 Condenser Fan Speed 1	AI	9113	1.3.6.1.4.1.6347.1.10.113.0
U09 Condenser Fan Speed 2	AI	9114	1.3.6.1.4.1.6347.1.10.114.0
U09 Damper Position 1	AI	9115	1.3.6.1.4.1.6347.1.10.115.0
U09 Damper Position 2	AI	9116	1.3.6.1.4.1.6347.1.10.116.0
U09 Damper Position 3	AI	9117	1.3.6.1.4.1.6347.1.10.117.0
U09 Damper Position 4	AI	9118	1.3.6.1.4.1.6347.1.10.118.0
U09 Electronic Expansion Valve 1 Pos	AI	9119	1.3.6.1.4.1.6347.1.10.119.0
U09 Electronic Expansion Valve 2 Pos	AI	9120	1.3.6.1.4.1.6347.1.10.120.0
U09 Number Of Cooling Stages	AI	9121	1.3.6.1.4.1.6347.1.10.121.0
U09 Number Of Heating Stages	AI	9122	1.3.6.1.4.1.6347.1.10.122.0
U09 Number Of Freecooling Stages	AI	9123	1.3.6.1.4.1.6347.1.10.123.0
U09 Outdoor Air Dewpoint	AI	9124	1.3.6.1.4.1.6347.1.10.124.0
U09 Dehumid Type	MI	9125	1.3.6.1.4.1.6347.1.10.125.0
U09 Subcooling 1	AI	9126	1.3.6.1.4.1.6347.1.10.126.0
U09 Superheat 1	AI	9127	1.3.6.1.4.1.6347.1.10.127.0
U09 Superheat 2	AI	9128	1.3.6.1.4.1.6347.1.10.128.0
U09 Subcooling 2	AI	9129	1.3.6.1.4.1.6347.1.10.129.0
U09 Wall Unit Software Version X	AI	9130	1.3.6.1.4.1.6347.1.10.130.0
U09 Wall Unit Software Version Y	AI	9131	1.3.6.1.4.1.6347.1.10.131.0
U09 Wall Unit Software Version Z	AI	9132	1.3.6.1.4.1.6347.1.10.132.0
U09 Unit Runtime	AI	9133	1.3.6.1.4.1.6347.1.10.133.0
U09 Unit Starts	AI	9134	1.3.6.1.4.1.6347.1.10.134.0
U09 Fan 1 Runtime	AI	9135	1.3.6.1.4.1.6347.1.10.135.0
U09 Fan 1 Starts	AI	9136	1.3.6.1.4.1.6347.1.10.136.0
U09 Fan 2 Runtime	AI	9137	1.3.6.1.4.1.6347.1.10.137.0
U09 Fan 2 Starts	AI	9138	1.3.6.1.4.1.6347.1.10.138.0
U09 Blower 1 Runtime	AI	9139	1.3.6.1.4.1.6347.1.10.139.0
U09 Blower 1 Starts	AI	9140	1.3.6.1.4.1.6347.1.10.140.0
U09 Blower 2 Runtime	AI	9141	1.3.6.1.4.1.6347.1.10.141.0
U09 Blower 2 Starts	AI	9142	1.3.6.1.4.1.6347.1.10.142.0
U09 Freecooling 1 Runtime	AI	9143	1.3.6.1.4.1.6347.1.10.143.0
U09 Freecooling 1 Starts	AI	9144	1.3.6.1.4.1.6347.1.10.144.0
U09 Freecooling 2 Runtime	AI	9145	1.3.6.1.4.1.6347.1.10.145.0
U09 Freecooling 2 Starts	AI	9146	1.3.6.1.4.1.6347.1.10.146.0
U09 Compressor Stage 1 Runtime	AI	9147	1.3.6.1.4.1.6347.1.10.147.0
U09 Compressor Stage 1 Starts	AI	9148	1.3.6.1.4.1.6347.1.10.148.0
U09 Compressor Stage 2 Runtime	AI	9149	1.3.6.1.4.1.6347.1.10.149.0
U09 Compressor Stage 2 Starts	AI	9150	1.3.6.1.4.1.6347.1.10.150.0
U09 Compressor Stage 3 Runtime	AI	9151	1.3.6.1.4.1.6347.1.10.151.0
U09 Compressor Stage 3 Starts	AI	9152	1.3.6.1.4.1.6347.1.10.152.0
U09 Compressor 4 Runtime	AI	9153	1.3.6.1.4.1.6347.1.10.153.0
U09 Compressor 4 Starts	AI	9154	1.3.6.1.4.1.6347.1.10.154.0
U09 Electric Heat Stage 1 Runtime	AI	9155	1.3.6.1.4.1.6347.1.10.155.0
U09 Electric Heat Stage 1 Starts	AI	9156	1.3.6.1.4.1.6347.1.10.156.0
U09 Electric Heat Stage 2 Runtime	AI	9157	1.3.6.1.4.1.6347.1.10.157.0
U09 Electric Heat Stage 2 Starts	AI	9158	1.3.6.1.4.1.6347.1.10.158.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U09 Electric Heat Stage 3 Runtime	AI	9159	1.3.6.1.4.1.6347.1.10.159.0
U09 Electric Heat Stage 3 Starts	AI	9160	1.3.6.1.4.1.6347.1.10.160.0
U09 Electric Heat Stage 4 Runtime	AI	9161	1.3.6.1.4.1.6347.1.10.161.0
U09 Electric Heat Stage 4 Starts	AI	9162	1.3.6.1.4.1.6347.1.10.162.0
U09 Unit Lifetime Hours	AI	9163	1.3.6.1.4.1.6347.1.10.163.0
U09 Blower 1 Lifetime Hours	AI	9164	1.3.6.1.4.1.6347.1.10.164.0
U09 Blower 2 Lifetime Hours	AI	9165	1.3.6.1.4.1.6347.1.10.165.0
U09 Fan 1 Lifetime Hours	AI	9166	1.3.6.1.4.1.6347.1.10.166.0
U09 Fan 2 Lifetime Hours	AI	9167	1.3.6.1.4.1.6347.1.10.167.0
U09 Compressor Stage 1 Lifetime Hours	AI	9168	1.3.6.1.4.1.6347.1.10.168.0
U09 Compressor Stage 2 Lifetime Hours	AI	9169	1.3.6.1.4.1.6347.1.10.169.0
U09 Compressor Stage 3 Lifetime Hours	AI	9170	1.3.6.1.4.1.6347.1.10.170.0
U09 Compressor Stage 4 Lifetime Hours	AI	9171	1.3.6.1.4.1.6347.1.10.171.0
U09 Elec Heat Stage 1 Lifetime Hours	AI	9172	1.3.6.1.4.1.6347.1.10.172.0
U09 Elec Heat Stage 2 Lifetime Hours	AI	9173	1.3.6.1.4.1.6347.1.10.173.0
U09 Elec Heat Stage 3 Lifetime Hours	AI	9174	1.3.6.1.4.1.6347.1.10.174.0
U09 Elec Heat Stage 4 Lifetime Hours	AI	9175	1.3.6.1.4.1.6347.1.10.175.0
U09 Freecooling 1 Lifetime Hours	AI	9176	1.3.6.1.4.1.6347.1.10.176.0
U09 Freecooling 2 Lifetime Hours	AI	9177	1.3.6.1.4.1.6347.1.10.177.0
U09 Unit Type	MI	9178	1.3.6.1.4.1.6347.1.10.178.0
U09 Unit Status	MI	9179	1.3.6.1.4.1.6347.1.10.179.0
U10 Filter Switch Status 1	BI	10001	1.3.6.1.4.1.6347.1.11.1.0
U10 Filter Switch Status 2	BI	10002	1.3.6.1.4.1.6347.1.11.2.0
U10 Blower 1 Status	BI	10003	1.3.6.1.4.1.6347.1.11.3.0
U10 Blower 2 Status	BI	10004	1.3.6.1.4.1.6347.1.11.4.0
U10 Low Pressure Switch 1 Status	BI	10005	1.3.6.1.4.1.6347.1.11.5.0
U10 Damper Switch 1 Status	BI	10006	1.3.6.1.4.1.6347.1.11.6.0
U10 Damper Switch 2 Status	BI	10007	1.3.6.1.4.1.6347.1.11.7.0
U10 Damper Switch 3 Status	BI	10008	1.3.6.1.4.1.6347.1.11.8.0
U10 Damper Switch 4 Status	BI	10009	1.3.6.1.4.1.6347.1.11.9.0
U10 Reheat Valve 1	BI	10010	1.3.6.1.4.1.6347.1.11.10.0
U10 Electric Heat Stage 1	BI	10011	1.3.6.1.4.1.6347.1.11.11.0
U10 Electric Heat Stage 2	BI	10012	1.3.6.1.4.1.6347.1.11.12.0
U10 Freecooling Availability	BI	10013	1.3.6.1.4.1.6347.1.11.13.0
U10 Dirty Filter Indicator Light Stat	BI	10014	1.3.6.1.4.1.6347.1.11.14.0
U10 Compressor Cooling Stage 1	BI	10015	1.3.6.1.4.1.6347.1.11.15.0
U10 Compressor Cooling Stage 2	BI	10016	1.3.6.1.4.1.6347.1.11.16.0
U10 Compressor Cooling Stage 3	BI	10017	1.3.6.1.4.1.6347.1.11.17.0
U10 Airflow Switch 1 Status	BI	10018	1.3.6.1.4.1.6347.1.11.18.0
U10 Airflow Switch 2 Status	BI	10019	1.3.6.1.4.1.6347.1.11.19.0
U10 High Pressure 1 / CCM Alarm Stat1	BI	10020	1.3.6.1.4.1.6347.1.11.20.0
U10 High Pressure 2 / CCM Alarm Stat2	BI	10021	1.3.6.1.4.1.6347.1.11.21.0
U10 Power Loss Input Status	BI	10022	1.3.6.1.4.1.6347.1.11.22.0
U10 Unit Disable Status	BI	10023	1.3.6.1.4.1.6347.1.11.23.0
U10 Error Num Of Retain Mem Writings	BI	10024	1.3.6.1.4.1.6347.1.11.24.0
U10 Error In Retain Memory Writings	BI	10025	1.3.6.1.4.1.6347.1.11.25.0
U10 Ckt1 Return Air Temp Sensor Fault	BI	10026	1.3.6.1.4.1.6347.1.11.26.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U10 Ckt1 High Return Air Temp	BI	10027	1.3.6.1.4.1.6347.1.11.27.0
U10 Ckt1 Mixed Air Temp Sensor Fault	BI	10028	1.3.6.1.4.1.6347.1.11.28.0
U10 Ckt1 Mixed Air High Temp	BI	10029	1.3.6.1.4.1.6347.1.11.29.0
U10 Ckt1 Mixed Air Low Temp	BI	10030	1.3.6.1.4.1.6347.1.11.30.0
U10 Ckt1 Supply Air Temp Sensor Fault	BI	10031	1.3.6.1.4.1.6347.1.11.31.0
U10 Ckt1 High Supply Air Temp	BI	10032	1.3.6.1.4.1.6347.1.11.32.0
U10 Ckt1 Low Supply Air Temp	BI	10033	1.3.6.1.4.1.6347.1.11.33.0
U10 Outdoor Air Temp Sensor Fault	BI	10034	1.3.6.1.4.1.6347.1.11.34.0
U10 Outdoor Air Humidity Sensor Fault	BI	10035	1.3.6.1.4.1.6347.1.11.35.0
U10 Ckt1 Dust Sensor Fault	BI	10036	1.3.6.1.4.1.6347.1.11.36.0
U10 Ckt1 High Dust Levels Detected	BI	10037	1.3.6.1.4.1.6347.1.11.37.0
U10 Ckt1 Liquid Line Temp Sen Fault	BI	10038	1.3.6.1.4.1.6347.1.11.38.0
U10 Ckt1 Liquid Line Press Sen Fault	BI	10039	1.3.6.1.4.1.6347.1.11.39.0
U10 Ckt1 Suction Temp Sensor Fault	BI	10040	1.3.6.1.4.1.6347.1.11.40.0
U10 Ckt1 Suction Pressure Sen Fault	BI	10041	1.3.6.1.4.1.6347.1.11.41.0
U10 Ckt1 Low Pressure	BI	10042	1.3.6.1.4.1.6347.1.11.42.0
U10 Ckt1 High Pressure	BI	10043	1.3.6.1.4.1.6347.1.11.43.0
U10 Damper 1 Failed To Open	BI	10044	1.3.6.1.4.1.6347.1.11.44.0
U10 Damper 1 Failed To Close	BI	10045	1.3.6.1.4.1.6347.1.11.45.0
U10 Ckt1 Freeze Temp Sensor Fault	BI	10046	1.3.6.1.4.1.6347.1.11.46.0
U10 Ckt1 Freeze Condition	BI	10047	1.3.6.1.4.1.6347.1.11.47.0
U10 Ckt1 No Airflow Alarm	BI	10048	1.3.6.1.4.1.6347.1.11.48.0
U10 Dirty Filter 1	BI	10049	1.3.6.1.4.1.6347.1.11.49.0
U10 Emergency Ventilation	BI	10050	1.3.6.1.4.1.6347.1.11.50.0
U10 Emergency Cooling	BI	10051	1.3.6.1.4.1.6347.1.11.51.0
U10 Unit Disable Input Active	BI	10052	1.3.6.1.4.1.6347.1.11.52.0
U10 Power Loss Detected	BI	10053	1.3.6.1.4.1.6347.1.11.53.0
U10 Ckt1 Eev Low Superheat	BI	10054	1.3.6.1.4.1.6347.1.11.54.0
U10 Ckt2 Mixed Air Temp Sensor Fault	BI	10055	1.3.6.1.4.1.6347.1.11.55.0
U10 Ckt2 Mixed Air High Temp	BI	10056	1.3.6.1.4.1.6347.1.11.56.0
U10 Ckt2 Mixed Air Low Temp	BI	10057	1.3.6.1.4.1.6347.1.11.57.0
U10 Ckt2 Supply Air Temp Sensor Fault	BI	10058	1.3.6.1.4.1.6347.1.11.58.0
U10 Ckt2 High Supply Air Temp	BI	10059	1.3.6.1.4.1.6347.1.11.59.0
U10 Ckt2 Low Supply Air Temp	BI	10060	1.3.6.1.4.1.6347.1.11.60.0
U10 Ckt2 Liquid Line Temp Sen Fault	BI	10061	1.3.6.1.4.1.6347.1.11.61.0
U10 Ckt2 Liquid Line Press Sen Fault	BI	10062	1.3.6.1.4.1.6347.1.11.62.0
U10 Ckt2 Suction Temp Sensor Fault	BI	10063	1.3.6.1.4.1.6347.1.11.63.0
U10 Ckt2 Suction Pressure Sen Fault	BI	10064	1.3.6.1.4.1.6347.1.11.64.0
U10 Ckt2 Low Pressure	BI	10065	1.3.6.1.4.1.6347.1.11.65.0
U10 Ckt2 High Pressure	BI	10066	1.3.6.1.4.1.6347.1.11.66.0
U10 Damper 2 Failed To Close	BI	10067	1.3.6.1.4.1.6347.1.11.67.0
U10 Damper 2 Failed To Open	BI	10068	1.3.6.1.4.1.6347.1.11.68.0
U10 Damper 3 Failed To Open	BI	10069	1.3.6.1.4.1.6347.1.11.69.0
U10 Damper 3 Failed To Close	BI	10070	1.3.6.1.4.1.6347.1.11.70.0
U10 Damper 4 Failed To Open	BI	10071	1.3.6.1.4.1.6347.1.11.71.0
U10 Damper 4 Failed To Close	BI	10072	1.3.6.1.4.1.6347.1.11.72.0
U10 Ckt2 Freeze Temp Sensor Fault	BI	10073	1.3.6.1.4.1.6347.1.11.73.0
U10 Ckt2 Freeze Condition	BI	10074	1.3.6.1.4.1.6347.1.11.74.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U10 Ckt2 No Airflow Alarm	BI	10075	1.3.6.1.4.1.6347.1.11.75.0
U10 Dirty Filter 2	BI	10076	1.3.6.1.4.1.6347.1.11.76.0
U10 Dirty Filter 3	BI	10077	1.3.6.1.4.1.6347.1.11.77.0
U10 Dirty Filter 4	BI	10078	1.3.6.1.4.1.6347.1.11.78.0
U10 Ckt2 Eev Low Superheat	BI	10079	1.3.6.1.4.1.6347.1.11.79.0
U10 C.Pcoe Offline	BI	10080	1.3.6.1.4.1.6347.1.11.80.0
U10 Blower 1 Offline	BI	10081	1.3.6.1.4.1.6347.1.11.81.0
U10 Blower 1 Trouble Alarm	BI	10082	1.3.6.1.4.1.6347.1.11.82.0
U10 Blower 2 Offline	BI	10083	1.3.6.1.4.1.6347.1.11.83.0
U10 Blower 2 Trouble Alarm	BI	10084	1.3.6.1.4.1.6347.1.11.84.0
U10 Condenser Fan 1 Offline	BI	10085	1.3.6.1.4.1.6347.1.11.85.0
U10 Fan 1 Trouble Alarm	BI	10086	1.3.6.1.4.1.6347.1.11.86.0
U10 Condenser Fan 2 Offline	BI	10087	1.3.6.1.4.1.6347.1.11.87.0
U10 Fan 2 Trouble Alarm	BI	10088	1.3.6.1.4.1.6347.1.11.88.0
U10 Ckt1 Low Return Air Temp	BI	10089	1.3.6.1.4.1.6347.1.11.89.0
U10 Blower Or Fan Panel Open	BI	10090	1.3.6.1.4.1.6347.1.11.90.0
U10 Compressor 1 Status	MI	10091	1.3.6.1.4.1.6347.1.11.91.0
U10 Compressor 2 Status	MI	10092	1.3.6.1.4.1.6347.1.11.92.0
U10 Mixed Air Temp 1	AI	10093	1.3.6.1.4.1.6347.1.11.93.0
U10 Mixed Air Temp 2	AI	10094	1.3.6.1.4.1.6347.1.11.94.0
U10 Zone	AI	10095	1.3.6.1.4.1.6347.1.11.95.0
U10 Outdoor Air Temp 1	AI	10096	1.3.6.1.4.1.6347.1.11.96.0
U10 Return Air Temp 1	AI	10097	1.3.6.1.4.1.6347.1.11.97.0
U10 Outdoor Air Humidity 1	AI	10098	1.3.6.1.4.1.6347.1.11.98.0
U10 Evaporator Temp 1	AI	10099	1.3.6.1.4.1.6347.1.11.99.0
U10 Blower 1 Speed	AI	10100	1.3.6.1.4.1.6347.1.11.100.0
U10 Blower 2 Speed	AI	10101	1.3.6.1.4.1.6347.1.11.101.0
U10 Dust Sensor 1	AI	10102	1.3.6.1.4.1.6347.1.11.102.0
U10 Liquid Temp 1	AI	10103	1.3.6.1.4.1.6347.1.11.103.0
U10 Liquid Temp 2	AI	10104	1.3.6.1.4.1.6347.1.11.104.0
U10 Liquid Pressure 1	AI	10105	1.3.6.1.4.1.6347.1.11.105.0
U10 Liquid Pressure 2	AI	10106	1.3.6.1.4.1.6347.1.11.106.0
U10 Suction Pressure 1	AI	10107	1.3.6.1.4.1.6347.1.11.107.0
U10 Suction Pressure 2	AI	10108	1.3.6.1.4.1.6347.1.11.108.0
U10 Suction Temp 1	AI	10109	1.3.6.1.4.1.6347.1.11.109.0
U10 Suction Temp 2	AI	10110	1.3.6.1.4.1.6347.1.11.110.0
U10 Supply Air Temp 1	AI	10111	1.3.6.1.4.1.6347.1.11.111.0
U10 Supply Air Temp 2	AI	10112	1.3.6.1.4.1.6347.1.11.112.0
U10 Condenser Fan Speed 1	AI	10113	1.3.6.1.4.1.6347.1.11.113.0
U10 Condenser Fan Speed 2	AI	10114	1.3.6.1.4.1.6347.1.11.114.0
U10 Damper Position 1	AI	10115	1.3.6.1.4.1.6347.1.11.115.0
U10 Damper Position 2	AI	10116	1.3.6.1.4.1.6347.1.11.116.0
U10 Damper Position 3	AI	10117	1.3.6.1.4.1.6347.1.11.117.0
U10 Damper Position 4	AI	10118	1.3.6.1.4.1.6347.1.11.118.0
U10 Electronic Expansion Valve 1 Pos	AI	10119	1.3.6.1.4.1.6347.1.11.119.0
U10 Electronic Expansion Valve 2 Pos	AI	10120	1.3.6.1.4.1.6347.1.11.120.0
U10 Number Of Cooling Stages	AI	10121	1.3.6.1.4.1.6347.1.11.121.0
U10 Number Of Heating Stages	AI	10122	1.3.6.1.4.1.6347.1.11.122.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U10 Number Of Freecooling Stages	AI	10123	1.3.6.1.4.1.6347.1.11.123.0
U10 Outdoor Air Dewpoint	AI	10124	1.3.6.1.4.1.6347.1.11.124.0
U10 Dehumid Type	MI	10125	1.3.6.1.4.1.6347.1.11.125.0
U10 Subcooling 1	AI	10126	1.3.6.1.4.1.6347.1.11.126.0
U10 Superheat 1	AI	10127	1.3.6.1.4.1.6347.1.11.127.0
U10 Superheat 2	AI	10128	1.3.6.1.4.1.6347.1.11.128.0
U10 Subcooling 2	AI	10129	1.3.6.1.4.1.6347.1.11.129.0
U10 Wall Unit Software Version X	AI	10130	1.3.6.1.4.1.6347.1.11.130.0
U10 Wall Unit Software Version Y	AI	10131	1.3.6.1.4.1.6347.1.11.131.0
U10 Wall Unit Software Version Z	AI	10132	1.3.6.1.4.1.6347.1.11.132.0
U10 Unit Runtime	AI	10133	1.3.6.1.4.1.6347.1.11.133.0
U10 Unit Starts	AI	10134	1.3.6.1.4.1.6347.1.11.134.0
U10 Fan 1 Runtime	AI	10135	1.3.6.1.4.1.6347.1.11.135.0
U10 Fan 1 Starts	AI	10136	1.3.6.1.4.1.6347.1.11.136.0
U10 Fan 2 Runtime	AI	10137	1.3.6.1.4.1.6347.1.11.137.0
U10 Fan 2 Starts	AI	10138	1.3.6.1.4.1.6347.1.11.138.0
U10 Blower 1 Runtime	AI	10139	1.3.6.1.4.1.6347.1.11.139.0
U10 Blower 1 Starts	AI	10140	1.3.6.1.4.1.6347.1.11.140.0
U10 Blower 2 Runtime	AI	10141	1.3.6.1.4.1.6347.1.11.141.0
U10 Blower 2 Starts	AI	10142	1.3.6.1.4.1.6347.1.11.142.0
U10 Freecooling 1 Runtime	AI	10143	1.3.6.1.4.1.6347.1.11.143.0
U10 Freecooling 1 Starts	AI	10144	1.3.6.1.4.1.6347.1.11.144.0
U10 Freecooling 2 Runtime	AI	10145	1.3.6.1.4.1.6347.1.11.145.0
U10 Freecooling 2 Starts	AI	10146	1.3.6.1.4.1.6347.1.11.146.0
U10 Compressor Stage 1 Runtime	AI	10147	1.3.6.1.4.1.6347.1.11.147.0
U10 Compressor Stage 1 Starts	AI	10148	1.3.6.1.4.1.6347.1.11.148.0
U10 Compressor Stage 2 Runtime	AI	10149	1.3.6.1.4.1.6347.1.11.149.0
U10 Compressor Stage 2 Starts	AI	10150	1.3.6.1.4.1.6347.1.11.150.0
U10 Compressor Stage 3 Runtime	AI	10151	1.3.6.1.4.1.6347.1.11.151.0
U10 Compressor Stage 3 Starts	AI	10152	1.3.6.1.4.1.6347.1.11.152.0
U10 Compressor 4 Runtime	AI	10153	1.3.6.1.4.1.6347.1.11.153.0
U10 Compressor 4 Starts	AI	10154	1.3.6.1.4.1.6347.1.11.154.0
U10 Electric Heat Stage 1 Runtime	AI	10155	1.3.6.1.4.1.6347.1.11.155.0
U10 Electric Heat Stage 1 Starts	AI	10156	1.3.6.1.4.1.6347.1.11.156.0
U10 Electric Heat Stage 2 Runtime	AI	10157	1.3.6.1.4.1.6347.1.11.157.0
U10 Electric Heat Stage 2 Starts	AI	10158	1.3.6.1.4.1.6347.1.11.158.0
U10 Electric Heat Stage 3 Runtime	AI	10159	1.3.6.1.4.1.6347.1.11.159.0
U10 Electric Heat Stage 3 Starts	AI	10160	1.3.6.1.4.1.6347.1.11.160.0
U10 Electric Heat Stage 4 Runtime	AI	10161	1.3.6.1.4.1.6347.1.11.161.0
U10 Electric Heat Stage 4 Starts	AI	10162	1.3.6.1.4.1.6347.1.11.162.0
U10 Unit Lifetime Hours	AI	10163	1.3.6.1.4.1.6347.1.11.163.0
U10 Blower 1 Lifetime Hours	AI	10164	1.3.6.1.4.1.6347.1.11.164.0
U10 Blower 2 Lifetime Hours	AI	10165	1.3.6.1.4.1.6347.1.11.165.0
U10 Fan 1 Lifetime Hours	AI	10166	1.3.6.1.4.1.6347.1.11.166.0
U10 Fan 2 Lifetime Hours	AI	10167	1.3.6.1.4.1.6347.1.11.167.0
U10 Compressor Stage 1 Lifetime Hours	AI	10168	1.3.6.1.4.1.6347.1.11.168.0
U10 Compressor Stage 2 Lifetime Hours	AI	10169	1.3.6.1.4.1.6347.1.11.169.0
U10 Compressor Stage 3 Lifetime Hours	AI	10170	1.3.6.1.4.1.6347.1.11.170.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U10 Compressor Stage 4 Lifetime Hours	AI	10171	1.3.6.1.4.1.6347.1.11.171.0
U10 Elec Heat Stage 1 Lifetime Hours	AI	10172	1.3.6.1.4.1.6347.1.11.172.0
U10 Elec Heat Stage 2 Lifetime Hours	AI	10173	1.3.6.1.4.1.6347.1.11.173.0
U10 Elec Heat Stage 3 Lifetime Hours	AI	10174	1.3.6.1.4.1.6347.1.11.174.0
U10 Elec Heat Stage 4 Lifetime Hours	AI	10175	1.3.6.1.4.1.6347.1.11.175.0
U10 Freecooling 1 Lifetime Hours	AI	10176	1.3.6.1.4.1.6347.1.11.176.0
U10 Freecooling 2 Lifetime Hours	AI	10177	1.3.6.1.4.1.6347.1.11.177.0
U10 Unit Type	MI	10178	1.3.6.1.4.1.6347.1.11.178.0
U10 Unit Status	MI	10179	1.3.6.1.4.1.6347.1.11.179.0
U11 Filter Switch Status 1	BI	11001	1.3.6.1.4.1.6347.1.12.1.0
U11 Filter Switch Status 2	BI	11002	1.3.6.1.4.1.6347.1.12.2.0
U11 Blower 1 Status	BI	11003	1.3.6.1.4.1.6347.1.12.3.0
U11 Blower 2 Status	BI	11004	1.3.6.1.4.1.6347.1.12.4.0
U11 Low Pressure Switch 1 Status	BI	11005	1.3.6.1.4.1.6347.1.12.5.0
U11 Damper Switch 1 Status	BI	11006	1.3.6.1.4.1.6347.1.12.6.0
U11 Damper Switch 2 Status	BI	11007	1.3.6.1.4.1.6347.1.12.7.0
U11 Damper Switch 3 Status	BI	11008	1.3.6.1.4.1.6347.1.12.8.0
U11 Damper Switch 4 Status	BI	11009	1.3.6.1.4.1.6347.1.12.9.0
U11 Reheat Valve 1	BI	11010	1.3.6.1.4.1.6347.1.12.10.0
U11 Electric Heat Stage 1	BI	11011	1.3.6.1.4.1.6347.1.12.11.0
U11 Electric Heat Stage 2	BI	11012	1.3.6.1.4.1.6347.1.12.12.0
U11 Freecooling Availability	BI	11013	1.3.6.1.4.1.6347.1.12.13.0
U11 Dirty Filter Indicator Light Stat	BI	11014	1.3.6.1.4.1.6347.1.12.14.0
U11 Compressor Cooling Stage 1	BI	11015	1.3.6.1.4.1.6347.1.12.15.0
U11 Compressor Cooling Stage 2	BI	11016	1.3.6.1.4.1.6347.1.12.16.0
U11 Compressor Cooling Stage 3	BI	11017	1.3.6.1.4.1.6347.1.12.17.0
U11 Airflow Switch 1 Status	BI	11018	1.3.6.1.4.1.6347.1.12.18.0
U11 Airflow Switch 2 Status	BI	11019	1.3.6.1.4.1.6347.1.12.19.0
U11 High Pressure 1 / CCM Alarm Stat1	BI	11020	1.3.6.1.4.1.6347.1.12.20.0
U11 High Pressure 2 / CCM Alarm Stat2	BI	11021	1.3.6.1.4.1.6347.1.12.21.0
U11 Power Loss Input Status	BI	11022	1.3.6.1.4.1.6347.1.12.22.0
U11 Unit Disable Status	BI	11023	1.3.6.1.4.1.6347.1.12.23.0
U11 Error Num Of Retain Mem Writings	BI	11024	1.3.6.1.4.1.6347.1.12.24.0
U11 Error In Retain Memory Writings	BI	11025	1.3.6.1.4.1.6347.1.12.25.0
U11 Ckt1 Return Air Temp Sensor Fault	BI	11026	1.3.6.1.4.1.6347.1.12.26.0
U11 Ckt1 High Return Air Temp	BI	11027	1.3.6.1.4.1.6347.1.12.27.0
U11 Ckt1 Mixed Air Temp Sensor Fault	BI	11028	1.3.6.1.4.1.6347.1.12.28.0
U11 Ckt1 Mixed Air High Temp	BI	11029	1.3.6.1.4.1.6347.1.12.29.0
U11 Ckt1 Mixed Air Low Temp	BI	11030	1.3.6.1.4.1.6347.1.12.30.0
U11 Ckt1 Supply Air Temp Sensor Fault	BI	11031	1.3.6.1.4.1.6347.1.12.31.0
U11 Ckt1 High Supply Air Temp	BI	11032	1.3.6.1.4.1.6347.1.12.32.0
U11 Ckt1 Low Supply Air Temp	BI	11033	1.3.6.1.4.1.6347.1.12.33.0
U11 Outdoor Air Temp Sensor Fault	BI	11034	1.3.6.1.4.1.6347.1.12.34.0
U11 Outdoor Air Humidity Sensor Fault	BI	11035	1.3.6.1.4.1.6347.1.12.35.0
U11 Ckt1 Dust Sensor Fault	BI	11036	1.3.6.1.4.1.6347.1.12.36.0
U11 Ckt1 High Dust Levels Detected	BI	11037	1.3.6.1.4.1.6347.1.12.37.0
U11 Ckt1 Liquid Line Temp Sen Fault	BI	11038	1.3.6.1.4.1.6347.1.12.38.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U11 Ckt1 Liquid Line Press Sen Fault	BI	11039	1.3.6.1.4.1.6347.1.12.39.0
U11 Ckt1 Suction Temp Sensor Fault	BI	11040	1.3.6.1.4.1.6347.1.12.40.0
U11 Ckt1 Suction Pressure Sen Fault	BI	11041	1.3.6.1.4.1.6347.1.12.41.0
U11 Ckt1 Low Pressure	BI	11042	1.3.6.1.4.1.6347.1.12.42.0
U11 Ckt1 High Pressure	BI	11043	1.3.6.1.4.1.6347.1.12.43.0
U11 Damper 1 Failed To Open	BI	11044	1.3.6.1.4.1.6347.1.12.44.0
U11 Damper 1 Failed To Close	BI	11045	1.3.6.1.4.1.6347.1.12.45.0
U11 Ckt1 Freeze Temp Sensor Fault	BI	11046	1.3.6.1.4.1.6347.1.12.46.0
U11 Ckt1 Freeze Condition	BI	11047	1.3.6.1.4.1.6347.1.12.47.0
U11 Ckt1 No Airflow Alarm	BI	11048	1.3.6.1.4.1.6347.1.12.48.0
U11 Dirty Filter 1	BI	11049	1.3.6.1.4.1.6347.1.12.49.0
U11 Emergency Ventilation	BI	11050	1.3.6.1.4.1.6347.1.12.50.0
U11 Emergency Cooling	BI	11051	1.3.6.1.4.1.6347.1.12.51.0
U11 Unit Disable Input Active	BI	11052	1.3.6.1.4.1.6347.1.12.52.0
U11 Power Loss Detected	BI	11053	1.3.6.1.4.1.6347.1.12.53.0
U11 Ckt1 Eev Low Superheat	BI	11054	1.3.6.1.4.1.6347.1.12.54.0
U11 Ckt2 Mixed Air Temp Sensor Fault	BI	11055	1.3.6.1.4.1.6347.1.12.55.0
U11 Ckt2 Mixed Air High Temp	BI	11056	1.3.6.1.4.1.6347.1.12.56.0
U11 Ckt2 Mixed Air Low Temp	BI	11057	1.3.6.1.4.1.6347.1.12.57.0
U11 Ckt2 Supply Air Temp Sensor Fault	BI	11058	1.3.6.1.4.1.6347.1.12.58.0
U11 Ckt2 High Supply Air Temp	BI	11059	1.3.6.1.4.1.6347.1.12.59.0
U11 Ckt2 Low Supply Air Temp	BI	11060	1.3.6.1.4.1.6347.1.12.60.0
U11 Ckt2 Liquid Line Temp Sen Fault	BI	11061	1.3.6.1.4.1.6347.1.12.61.0
U11 Ckt2 Liquid Line Press Sen Fault	BI	11062	1.3.6.1.4.1.6347.1.12.62.0
U11 Ckt2 Suction Temp Sensor Fault	BI	11063	1.3.6.1.4.1.6347.1.12.63.0
U11 Ckt2 Suction Pressure Sen Fault	BI	11064	1.3.6.1.4.1.6347.1.12.64.0
U11 Ckt2 Low Pressure	BI	11065	1.3.6.1.4.1.6347.1.12.65.0
U11 Ckt2 High Pressure	BI	11066	1.3.6.1.4.1.6347.1.12.66.0
U11 Damper 2 Failed To Close	BI	11067	1.3.6.1.4.1.6347.1.12.67.0
U11 Damper 2 Failed To Open	BI	11068	1.3.6.1.4.1.6347.1.12.68.0
U11 Damper 3 Failed To Open	BI	11069	1.3.6.1.4.1.6347.1.12.69.0
U11 Damper 3 Failed To Close	BI	11070	1.3.6.1.4.1.6347.1.12.70.0
U11 Damper 4 Failed To Open	BI	11071	1.3.6.1.4.1.6347.1.12.71.0
U11 Damper 4 Failed To Close	BI	11072	1.3.6.1.4.1.6347.1.12.72.0
U11 Ckt2 Freeze Temp Sensor Fault	BI	11073	1.3.6.1.4.1.6347.1.12.73.0
U11 Ckt2 Freeze Condition	BI	11074	1.3.6.1.4.1.6347.1.12.74.0
U11 Ckt2 No Airflow Alarm	BI	11075	1.3.6.1.4.1.6347.1.12.75.0
U11 Dirty Filter 2	BI	11076	1.3.6.1.4.1.6347.1.12.76.0
U11 Dirty Filter 3	BI	11077	1.3.6.1.4.1.6347.1.12.77.0
U11 Dirty Filter 4	BI	11078	1.3.6.1.4.1.6347.1.12.78.0
U11 Ckt2 Eev Low Superheat	BI	11079	1.3.6.1.4.1.6347.1.12.79.0
U11 C.Pcoe Offline	BI	11080	1.3.6.1.4.1.6347.1.12.80.0
U11 Blower 1 Offline	BI	11081	1.3.6.1.4.1.6347.1.12.81.0
U11 Blower 1 Trouble Alarm	BI	11082	1.3.6.1.4.1.6347.1.12.82.0
U11 Blower 2 Offline	BI	11083	1.3.6.1.4.1.6347.1.12.83.0
U11 Blower 2 Trouble Alarm	BI	11084	1.3.6.1.4.1.6347.1.12.84.0
U11 Condenser Fan 1 Offline	BI	11085	1.3.6.1.4.1.6347.1.12.85.0
U11 Fan 1 Trouble Alarm	BI	11086	1.3.6.1.4.1.6347.1.12.86.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U11 Condenser Fan 2 Offline	BI	11087	1.3.6.1.4.1.6347.1.12.87.0
U11 Fan 2 Trouble Alarm	BI	11088	1.3.6.1.4.1.6347.1.12.88.0
U11 Ckt1 Low Return Air Temp	BI	11089	1.3.6.1.4.1.6347.1.12.89.0
U11 Blower Or Fan Panel Open	BI	11090	1.3.6.1.4.1.6347.1.12.90.0
U11 Compressor 1 Status	MI	11091	1.3.6.1.4.1.6347.1.12.91.0
U11 Compressor 2 Status	MI	11092	1.3.6.1.4.1.6347.1.12.92.0
U11 Mixed Air Temp 1	AI	11093	1.3.6.1.4.1.6347.1.12.93.0
U11 Mixed Air Temp 2	AI	11094	1.3.6.1.4.1.6347.1.12.94.0
U11 Zone	AI	11095	1.3.6.1.4.1.6347.1.12.95.0
U11 Outdoor Air Temp 1	AI	11096	1.3.6.1.4.1.6347.1.12.96.0
U11 Return Air Temp 1	AI	11097	1.3.6.1.4.1.6347.1.12.97.0
U11 Outdoor Air Humidity 1	AI	11098	1.3.6.1.4.1.6347.1.12.98.0
U11 Evaporator Temp 1	AI	11099	1.3.6.1.4.1.6347.1.12.99.0
U11 Blower 1 Speed	AI	11100	1.3.6.1.4.1.6347.1.12.100.0
U11 Blower 2 Speed	AI	11101	1.3.6.1.4.1.6347.1.12.101.0
U11 Dust Sensor 1	AI	11102	1.3.6.1.4.1.6347.1.12.102.0
U11 Liquid Temp 1	AI	11103	1.3.6.1.4.1.6347.1.12.103.0
U11 Liquid Temp 2	AI	11104	1.3.6.1.4.1.6347.1.12.104.0
U11 Liquid Pressure 1	AI	11105	1.3.6.1.4.1.6347.1.12.105.0
U11 Liquid Pressure 2	AI	11106	1.3.6.1.4.1.6347.1.12.106.0
U11 Suction Pressure 1	AI	11107	1.3.6.1.4.1.6347.1.12.107.0
U11 Suction Pressure 2	AI	11108	1.3.6.1.4.1.6347.1.12.108.0
U11 Suction Temp 1	AI	11109	1.3.6.1.4.1.6347.1.12.109.0
U11 Suction Temp 2	AI	11110	1.3.6.1.4.1.6347.1.12.110.0
U11 Supply Air Temp 1	AI	11111	1.3.6.1.4.1.6347.1.12.111.0
U11 Supply Air Temp 2	AI	11112	1.3.6.1.4.1.6347.1.12.112.0
U11 Condenser Fan Speed 1	AI	11113	1.3.6.1.4.1.6347.1.12.113.0
U11 Condenser Fan Speed 2	AI	11114	1.3.6.1.4.1.6347.1.12.114.0
U11 Damper Position 1	AI	11115	1.3.6.1.4.1.6347.1.12.115.0
U11 Damper Position 2	AI	11116	1.3.6.1.4.1.6347.1.12.116.0
U11 Damper Position 3	AI	11117	1.3.6.1.4.1.6347.1.12.117.0
U11 Damper Position 4	AI	11118	1.3.6.1.4.1.6347.1.12.118.0
U11 Electronic Expansion Valve 1 Pos	AI	11119	1.3.6.1.4.1.6347.1.12.119.0
U11 Electronic Expansion Valve 2 Pos	AI	11120	1.3.6.1.4.1.6347.1.12.120.0
U11 Number Of Cooling Stages	AI	11121	1.3.6.1.4.1.6347.1.12.121.0
U11 Number Of Heating Stages	AI	11122	1.3.6.1.4.1.6347.1.12.122.0
U11 Number Of Freecooling Stages	AI	11123	1.3.6.1.4.1.6347.1.12.123.0
U11 Outdoor Air Dewpoint	AI	11124	1.3.6.1.4.1.6347.1.12.124.0
U11 Dehumid Type	MI	11125	1.3.6.1.4.1.6347.1.12.125.0
U11 Subcooling 1	AI	11126	1.3.6.1.4.1.6347.1.12.126.0
U11 Superheat 1	AI	11127	1.3.6.1.4.1.6347.1.12.127.0
U11 Superheat 2	AI	11128	1.3.6.1.4.1.6347.1.12.128.0
U11 Subcooling 2	AI	11129	1.3.6.1.4.1.6347.1.12.129.0
U11 Wall Unit Software Version X	AI	11130	1.3.6.1.4.1.6347.1.12.130.0
U11 Wall Unit Software Version Y	AI	11131	1.3.6.1.4.1.6347.1.12.131.0
U11 Wall Unit Software Version Z	AI	11132	1.3.6.1.4.1.6347.1.12.132.0
U11 Unit Runtime	AI	11133	1.3.6.1.4.1.6347.1.12.133.0
U11 Unit Starts	AI	11134	1.3.6.1.4.1.6347.1.12.134.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U11 Fan 1 Runtime	AI	11135	1.3.6.1.4.1.6347.1.12.135.0
U11 Fan 1 Starts	AI	11136	1.3.6.1.4.1.6347.1.12.136.0
U11 Fan 2 Runtime	AI	11137	1.3.6.1.4.1.6347.1.12.137.0
U11 Fan 2 Starts	AI	11138	1.3.6.1.4.1.6347.1.12.138.0
U11 Blower 1 Runtime	AI	11139	1.3.6.1.4.1.6347.1.12.139.0
U11 Blower 1 Starts	AI	11140	1.3.6.1.4.1.6347.1.12.140.0
U11 Blower 2 Runtime	AI	11141	1.3.6.1.4.1.6347.1.12.141.0
U11 Blower 2 Starts	AI	11142	1.3.6.1.4.1.6347.1.12.142.0
U11 Freecooling 1 Runtime	AI	11143	1.3.6.1.4.1.6347.1.12.143.0
U11 Freecooling 1 Starts	AI	11144	1.3.6.1.4.1.6347.1.12.144.0
U11 Freecooling 2 Runtime	AI	11145	1.3.6.1.4.1.6347.1.12.145.0
U11 Freecooling 2 Starts	AI	11146	1.3.6.1.4.1.6347.1.12.146.0
U11 Compressor Stage 1 Runtime	AI	11147	1.3.6.1.4.1.6347.1.12.147.0
U11 Compressor Stage 1 Starts	AI	11148	1.3.6.1.4.1.6347.1.12.148.0
U11 Compressor Stage 2 Runtime	AI	11149	1.3.6.1.4.1.6347.1.12.149.0
U11 Compressor Stage 2 Starts	AI	11150	1.3.6.1.4.1.6347.1.12.150.0
U11 Compressor Stage 3 Runtime	AI	11151	1.3.6.1.4.1.6347.1.12.151.0
U11 Compressor Stage 3 Starts	AI	11152	1.3.6.1.4.1.6347.1.12.152.0
U11 Compressor 4 Runtime	AI	11153	1.3.6.1.4.1.6347.1.12.153.0
U11 Compressor 4 Starts	AI	11154	1.3.6.1.4.1.6347.1.12.154.0
U11 Electric Heat Stage 1 Runtime	AI	11155	1.3.6.1.4.1.6347.1.12.155.0
U11 Electric Heat Stage 1 Starts	AI	11156	1.3.6.1.4.1.6347.1.12.156.0
U11 Electric Heat Stage 2 Runtime	AI	11157	1.3.6.1.4.1.6347.1.12.157.0
U11 Electric Heat Stage 2 Starts	AI	11158	1.3.6.1.4.1.6347.1.12.158.0
U11 Electric Heat Stage 3 Runtime	AI	11159	1.3.6.1.4.1.6347.1.12.159.0
U11 Electric Heat Stage 3 Starts	AI	11160	1.3.6.1.4.1.6347.1.12.160.0
U11 Electric Heat Stage 4 Runtime	AI	11161	1.3.6.1.4.1.6347.1.12.161.0
U11 Electric Heat Stage 4 Starts	AI	11162	1.3.6.1.4.1.6347.1.12.162.0
U11 Unit Lifetime Hours	AI	11163	1.3.6.1.4.1.6347.1.12.163.0
U11 Blower 1 Lifetime Hours	AI	11164	1.3.6.1.4.1.6347.1.12.164.0
U11 Blower 2 Lifetime Hours	AI	11165	1.3.6.1.4.1.6347.1.12.165.0
U11 Fan 1 Lifetime Hours	AI	11166	1.3.6.1.4.1.6347.1.12.166.0
U11 Fan 2 Lifetime Hours	AI	11167	1.3.6.1.4.1.6347.1.12.167.0
U11 Compressor Stage 1 Lifetime Hours	AI	11168	1.3.6.1.4.1.6347.1.12.168.0
U11 Compressor Stage 2 Lifetime Hours	AI	11169	1.3.6.1.4.1.6347.1.12.169.0
U11 Compressor Stage 3 Lifetime Hours	AI	11170	1.3.6.1.4.1.6347.1.12.170.0
U11 Compressor Stage 4 Lifetime Hours	AI	11171	1.3.6.1.4.1.6347.1.12.171.0
U11 Elec Heat Stage 1 Lifetime Hours	AI	11172	1.3.6.1.4.1.6347.1.12.172.0
U11 Elec Heat Stage 2 Lifetime Hours	AI	11173	1.3.6.1.4.1.6347.1.12.173.0
U11 Elec Heat Stage 3 Lifetime Hours	AI	11174	1.3.6.1.4.1.6347.1.12.174.0
U11 Elec Heat Stage 4 Lifetime Hours	AI	11175	1.3.6.1.4.1.6347.1.12.175.0
U11 Freecooling 1 Lifetime Hours	AI	11176	1.3.6.1.4.1.6347.1.12.176.0
U11 Freecooling 2 Lifetime Hours	AI	11177	1.3.6.1.4.1.6347.1.12.177.0
U11 Unit Type	MI	11178	1.3.6.1.4.1.6347.1.12.178.0
U11 Unit Status	MI	11179	1.3.6.1.4.1.6347.1.12.179.0
U12 Filter Switch Status 1	BI	12001	1.3.6.1.4.1.6347.1.13.1.0
U12 Filter Switch Status 2	BI	12002	1.3.6.1.4.1.6347.1.13.2.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U12 Blower 1 Status	BI	12003	1.3.6.1.4.1.6347.1.13.3.0
U12 Blower 2 Status	BI	12004	1.3.6.1.4.1.6347.1.13.4.0
U12 Low Pressure Switch 1 Status	BI	12005	1.3.6.1.4.1.6347.1.13.5.0
U12 Damper Switch 1 Status	BI	12006	1.3.6.1.4.1.6347.1.13.6.0
U12 Damper Switch 2 Status	BI	12007	1.3.6.1.4.1.6347.1.13.7.0
U12 Damper Switch 3 Status	BI	12008	1.3.6.1.4.1.6347.1.13.8.0
U12 Damper Switch 4 Status	BI	12009	1.3.6.1.4.1.6347.1.13.9.0
U12 Reheat Valve 1	BI	12010	1.3.6.1.4.1.6347.1.13.10.0
U12 Electric Heat Stage 1	BI	12011	1.3.6.1.4.1.6347.1.13.11.0
U12 Electric Heat Stage 2	BI	12012	1.3.6.1.4.1.6347.1.13.12.0
U12 Freecooling Availability	BI	12013	1.3.6.1.4.1.6347.1.13.13.0
U12 Dirty Filter Indicator Light Stat	BI	12014	1.3.6.1.4.1.6347.1.13.14.0
U12 Compressor Cooling Stage 1	BI	12015	1.3.6.1.4.1.6347.1.13.15.0
U12 Compressor Cooling Stage 2	BI	12016	1.3.6.1.4.1.6347.1.13.16.0
U12 Compressor Cooling Stage 3	BI	12017	1.3.6.1.4.1.6347.1.13.17.0
U12 Airflow Switch 1 Status	BI	12018	1.3.6.1.4.1.6347.1.13.18.0
U12 Airflow Switch 2 Status	BI	12019	1.3.6.1.4.1.6347.1.13.19.0
U12 High Pressure 1 / CCM Alarm Stat1	BI	12020	1.3.6.1.4.1.6347.1.13.20.0
U12 High Pressure 2 / CCM Alarm Stat2	BI	12021	1.3.6.1.4.1.6347.1.13.21.0
U12 Power Loss Input Status	BI	12022	1.3.6.1.4.1.6347.1.13.22.0
U12 Unit Disable Status	BI	12023	1.3.6.1.4.1.6347.1.13.23.0
U12 Error Num Of Retain Mem Writings	BI	12024	1.3.6.1.4.1.6347.1.13.24.0
U12 Error In Retain Memory Writings	BI	12025	1.3.6.1.4.1.6347.1.13.25.0
U12 Ckt1 Return Air Temp Sensor Fault	BI	12026	1.3.6.1.4.1.6347.1.13.26.0
U12 Ckt1 High Return Air Temp	BI	12027	1.3.6.1.4.1.6347.1.13.27.0
U12 Ckt1 Mixed Air Temp Sensor Fault	BI	12028	1.3.6.1.4.1.6347.1.13.28.0
U12 Ckt1 Mixed Air High Temp	BI	12029	1.3.6.1.4.1.6347.1.13.29.0
U12 Ckt1 Mixed Air Low Temp	BI	12030	1.3.6.1.4.1.6347.1.13.30.0
U12 Ckt1 Supply Air Temp Sensor Fault	BI	12031	1.3.6.1.4.1.6347.1.13.31.0
U12 Ckt1 High Supply Air Temp	BI	12032	1.3.6.1.4.1.6347.1.13.32.0
U12 Ckt1 Low Supply Air Temp	BI	12033	1.3.6.1.4.1.6347.1.13.33.0
U12 Outdoor Air Temp Sensor Fault	BI	12034	1.3.6.1.4.1.6347.1.13.34.0
U12 Outdoor Air Humidity Sensor Fault	BI	12035	1.3.6.1.4.1.6347.1.13.35.0
U12 Ckt1 Dust Sensor Fault	BI	12036	1.3.6.1.4.1.6347.1.13.36.0
U12 Ckt1 High Dust Levels Detected	BI	12037	1.3.6.1.4.1.6347.1.13.37.0
U12 Ckt1 Liquid Line Temp Sen Fault	BI	12038	1.3.6.1.4.1.6347.1.13.38.0
U12 Ckt1 Liquid Line Press Sen Fault	BI	12039	1.3.6.1.4.1.6347.1.13.39.0
U12 Ckt1 Suction Temp Sensor Fault	BI	12040	1.3.6.1.4.1.6347.1.13.40.0
U12 Ckt1 Suction Pressure Sen Fault	BI	12041	1.3.6.1.4.1.6347.1.13.41.0
U12 Ckt1 Low Pressure	BI	12042	1.3.6.1.4.1.6347.1.13.42.0
U12 Ckt1 High Pressure	BI	12043	1.3.6.1.4.1.6347.1.13.43.0
U12 Damper 1 Failed To Open	BI	12044	1.3.6.1.4.1.6347.1.13.44.0
U12 Damper 1 Failed To Close	BI	12045	1.3.6.1.4.1.6347.1.13.45.0
U12 Ckt1 Freeze Temp Sensor Fault	BI	12046	1.3.6.1.4.1.6347.1.13.46.0
U12 Ckt1 Freeze Condition	BI	12047	1.3.6.1.4.1.6347.1.13.47.0
U12 Ckt1 No Airflow Alarm	BI	12048	1.3.6.1.4.1.6347.1.13.48.0
U12 Dirty Filter 1	BI	12049	1.3.6.1.4.1.6347.1.13.49.0
U12 Emergency Ventilation	BI	12050	1.3.6.1.4.1.6347.1.13.50.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U12 Emergency Cooling	BI	12051	1.3.6.1.4.1.6347.1.13.51.0
U12 Unit Disable Input Active	BI	12052	1.3.6.1.4.1.6347.1.13.52.0
U12 Power Loss Detected	BI	12053	1.3.6.1.4.1.6347.1.13.53.0
U12 Ckt1 Eev Low Superheat	BI	12054	1.3.6.1.4.1.6347.1.13.54.0
U12 Ckt2 Mixed Air Temp Sensor Fault	BI	12055	1.3.6.1.4.1.6347.1.13.55.0
U12 Ckt2 Mixed Air High Temp	BI	12056	1.3.6.1.4.1.6347.1.13.56.0
U12 Ckt2 Mixed Air Low Temp	BI	12057	1.3.6.1.4.1.6347.1.13.57.0
U12 Ckt2 Supply Air Temp Sensor Fault	BI	12058	1.3.6.1.4.1.6347.1.13.58.0
U12 Ckt2 High Supply Air Temp	BI	12059	1.3.6.1.4.1.6347.1.13.59.0
U12 Ckt2 Low Supply Air Temp	BI	12060	1.3.6.1.4.1.6347.1.13.60.0
U12 Ckt2 Liquid Line Temp Sen Fault	BI	12061	1.3.6.1.4.1.6347.1.13.61.0
U12 Ckt2 Liquid Line Press Sen Fault	BI	12062	1.3.6.1.4.1.6347.1.13.62.0
U12 Ckt2 Suction Temp Sensor Fault	BI	12063	1.3.6.1.4.1.6347.1.13.63.0
U12 Ckt2 Suction Pressure Sen Fault	BI	12064	1.3.6.1.4.1.6347.1.13.64.0
U12 Ckt2 Low Pressure	BI	12065	1.3.6.1.4.1.6347.1.13.65.0
U12 Ckt2 High Pressure	BI	12066	1.3.6.1.4.1.6347.1.13.66.0
U12 Damper 2 Failed To Close	BI	12067	1.3.6.1.4.1.6347.1.13.67.0
U12 Damper 2 Failed To Open	BI	12068	1.3.6.1.4.1.6347.1.13.68.0
U12 Damper 3 Failed To Open	BI	12069	1.3.6.1.4.1.6347.1.13.69.0
U12 Damper 3 Failed To Close	BI	12070	1.3.6.1.4.1.6347.1.13.70.0
U12 Damper 4 Failed To Open	BI	12071	1.3.6.1.4.1.6347.1.13.71.0
U12 Damper 4 Failed To Close	BI	12072	1.3.6.1.4.1.6347.1.13.72.0
U12 Ckt2 Freeze Temp Sensor Fault	BI	12073	1.3.6.1.4.1.6347.1.13.73.0
U12 Ckt2 Freeze Condition	BI	12074	1.3.6.1.4.1.6347.1.13.74.0
U12 Ckt2 No Airflow Alarm	BI	12075	1.3.6.1.4.1.6347.1.13.75.0
U12 Dirty Filter 2	BI	12076	1.3.6.1.4.1.6347.1.13.76.0
U12 Dirty Filter 3	BI	12077	1.3.6.1.4.1.6347.1.13.77.0
U12 Dirty Filter 4	BI	12078	1.3.6.1.4.1.6347.1.13.78.0
U12 Ckt2 Eev Low Superheat	BI	12079	1.3.6.1.4.1.6347.1.13.79.0
U12 C.Pcoe Offline	BI	12080	1.3.6.1.4.1.6347.1.13.80.0
U12 Blower 1 Offline	BI	12081	1.3.6.1.4.1.6347.1.13.81.0
U12 Blower 1 Trouble Alarm	BI	12082	1.3.6.1.4.1.6347.1.13.82.0
U12 Blower 2 Offline	BI	12083	1.3.6.1.4.1.6347.1.13.83.0
U12 Blower 2 Trouble Alarm	BI	12084	1.3.6.1.4.1.6347.1.13.84.0
U12 Condenser Fan 1 Offline	BI	12085	1.3.6.1.4.1.6347.1.13.85.0
U12 Fan 1 Trouble Alarm	BI	12086	1.3.6.1.4.1.6347.1.13.86.0
U12 Condenser Fan 2 Offline	BI	12087	1.3.6.1.4.1.6347.1.13.87.0
U12 Fan 2 Trouble Alarm	BI	12088	1.3.6.1.4.1.6347.1.13.88.0
U12 Ckt1 Low Return Air Temp	BI	12089	1.3.6.1.4.1.6347.1.13.89.0
U12 Blower Or Fan Panel Open	BI	12090	1.3.6.1.4.1.6347.1.13.90.0
U12 Compressor 1 Status	MI	12091	1.3.6.1.4.1.6347.1.13.91.0
U12 Compressor 2 Status	MI	12092	1.3.6.1.4.1.6347.1.13.92.0
U12 Mixed Air Temp 1	AI	12093	1.3.6.1.4.1.6347.1.13.93.0
U12 Mixed Air Temp 2	AI	12094	1.3.6.1.4.1.6347.1.13.94.0
U12 Zone	AI	12095	1.3.6.1.4.1.6347.1.13.95.0
U12 Outdoor Air Temp 1	AI	12096	1.3.6.1.4.1.6347.1.13.96.0
U12 Return Air Temp 1	AI	12097	1.3.6.1.4.1.6347.1.13.97.0
U12 Outdoor Air Humidity 1	AI	12098	1.3.6.1.4.1.6347.1.13.98.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U12 Evaporator Temp 1	AI	12099	1.3.6.1.4.1.6347.1.13.99.0
U12 Blower 1 Speed	AI	12100	1.3.6.1.4.1.6347.1.13.100.0
U12 Blower 2 Speed	AI	12101	1.3.6.1.4.1.6347.1.13.101.0
U12 Dust Sensor 1	AI	12102	1.3.6.1.4.1.6347.1.13.102.0
U12 Liquid Temp 1	AI	12103	1.3.6.1.4.1.6347.1.13.103.0
U12 Liquid Temp 2	AI	12104	1.3.6.1.4.1.6347.1.13.104.0
U12 Liquid Pressure 1	AI	12105	1.3.6.1.4.1.6347.1.13.105.0
U12 Liquid Pressure 2	AI	12106	1.3.6.1.4.1.6347.1.13.106.0
U12 Suction Pressure 1	AI	12107	1.3.6.1.4.1.6347.1.13.107.0
U12 Suction Pressure 2	AI	12108	1.3.6.1.4.1.6347.1.13.108.0
U12 Suction Temp 1	AI	12109	1.3.6.1.4.1.6347.1.13.109.0
U12 Suction Temp 2	AI	12110	1.3.6.1.4.1.6347.1.13.110.0
U12 Supply Air Temp 1	AI	12111	1.3.6.1.4.1.6347.1.13.111.0
U12 Supply Air Temp 2	AI	12112	1.3.6.1.4.1.6347.1.13.112.0
U12 Condenser Fan Speed 1	AI	12113	1.3.6.1.4.1.6347.1.13.113.0
U12 Condenser Fan Speed 2	AI	12114	1.3.6.1.4.1.6347.1.13.114.0
U12 Damper Position 1	AI	12115	1.3.6.1.4.1.6347.1.13.115.0
U12 Damper Position 2	AI	12116	1.3.6.1.4.1.6347.1.13.116.0
U12 Damper Position 3	AI	12117	1.3.6.1.4.1.6347.1.13.117.0
U12 Damper Position 4	AI	12118	1.3.6.1.4.1.6347.1.13.118.0
U12 Electronic Expansion Valve 1 Pos	AI	12119	1.3.6.1.4.1.6347.1.13.119.0
U12 Electronic Expansion Valve 2 Pos	AI	12120	1.3.6.1.4.1.6347.1.13.120.0
U12 Number Of Cooling Stages	AI	12121	1.3.6.1.4.1.6347.1.13.121.0
U12 Number Of Heating Stages	AI	12122	1.3.6.1.4.1.6347.1.13.122.0
U12 Number Of Freecooling Stages	AI	12123	1.3.6.1.4.1.6347.1.13.123.0
U12 Outdoor Air Dewpoint	AI	12124	1.3.6.1.4.1.6347.1.13.124.0
U12 Dehumid Type	MI	12125	1.3.6.1.4.1.6347.1.13.125.0
U12 Subcooling 1	AI	12126	1.3.6.1.4.1.6347.1.13.126.0
U12 Superheat 1	AI	12127	1.3.6.1.4.1.6347.1.13.127.0
U12 Superheat 2	AI	12128	1.3.6.1.4.1.6347.1.13.128.0
U12 Subcooling 2	AI	12129	1.3.6.1.4.1.6347.1.13.129.0
U12 Wall Unit Software Version X	AI	12130	1.3.6.1.4.1.6347.1.13.130.0
U12 Wall Unit Software Version Y	AI	12131	1.3.6.1.4.1.6347.1.13.131.0
U12 Wall Unit Software Version Z	AI	12132	1.3.6.1.4.1.6347.1.13.132.0
U12 Unit Runtime	AI	12133	1.3.6.1.4.1.6347.1.13.133.0
U12 Unit Starts	AI	12134	1.3.6.1.4.1.6347.1.13.134.0
U12 Fan 1 Runtime	AI	12135	1.3.6.1.4.1.6347.1.13.135.0
U12 Fan 1 Starts	AI	12136	1.3.6.1.4.1.6347.1.13.136.0
U12 Fan 2 Runtime	AI	12137	1.3.6.1.4.1.6347.1.13.137.0
U12 Fan 2 Starts	AI	12138	1.3.6.1.4.1.6347.1.13.138.0
U12 Blower 1 Runtime	AI	12139	1.3.6.1.4.1.6347.1.13.139.0
U12 Blower 1 Starts	AI	12140	1.3.6.1.4.1.6347.1.13.140.0
U12 Blower 2 Runtime	AI	12141	1.3.6.1.4.1.6347.1.13.141.0
U12 Blower 2 Starts	AI	12142	1.3.6.1.4.1.6347.1.13.142.0
U12 Freecooling 1 Runtime	AI	12143	1.3.6.1.4.1.6347.1.13.143.0
U12 Freecooling 1 Starts	AI	12144	1.3.6.1.4.1.6347.1.13.144.0
U12 Freecooling 2 Runtime	AI	12145	1.3.6.1.4.1.6347.1.13.145.0
U12 Freecooling 2 Starts	AI	12146	1.3.6.1.4.1.6347.1.13.146.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U12 Compressor Stage 1 Runtime	AI	12147	1.3.6.1.4.1.6347.1.13.147.0
U12 Compressor Stage 1 Starts	AI	12148	1.3.6.1.4.1.6347.1.13.148.0
U12 Compressor Stage 2 Runtime	AI	12149	1.3.6.1.4.1.6347.1.13.149.0
U12 Compressor Stage 2 Starts	AI	12150	1.3.6.1.4.1.6347.1.13.150.0
U12 Compressor Stage 3 Runtime	AI	12151	1.3.6.1.4.1.6347.1.13.151.0
U12 Compressor Stage 3 Starts	AI	12152	1.3.6.1.4.1.6347.1.13.152.0
U12 Compressor 4 Runtime	AI	12153	1.3.6.1.4.1.6347.1.13.153.0
U12 Compressor 4 Starts	AI	12154	1.3.6.1.4.1.6347.1.13.154.0
U12 Electric Heat Stage 1 Runtime	AI	12155	1.3.6.1.4.1.6347.1.13.155.0
U12 Electric Heat Stage 1 Starts	AI	12156	1.3.6.1.4.1.6347.1.13.156.0
U12 Electric Heat Stage 2 Runtime	AI	12157	1.3.6.1.4.1.6347.1.13.157.0
U12 Electric Heat Stage 2 Starts	AI	12158	1.3.6.1.4.1.6347.1.13.158.0
U12 Electric Heat Stage 3 Runtime	AI	12159	1.3.6.1.4.1.6347.1.13.159.0
U12 Electric Heat Stage 3 Starts	AI	12160	1.3.6.1.4.1.6347.1.13.160.0
U12 Electric Heat Stage 4 Runtime	AI	12161	1.3.6.1.4.1.6347.1.13.161.0
U12 Electric Heat Stage 4 Starts	AI	12162	1.3.6.1.4.1.6347.1.13.162.0
U12 Unit Lifetime Hours	AI	12163	1.3.6.1.4.1.6347.1.13.163.0
U12 Blower 1 Lifetime Hours	AI	12164	1.3.6.1.4.1.6347.1.13.164.0
U12 Blower 2 Lifetime Hours	AI	12165	1.3.6.1.4.1.6347.1.13.165.0
U12 Fan 1 Lifetime Hours	AI	12166	1.3.6.1.4.1.6347.1.13.166.0
U12 Fan 2 Lifetime Hours	AI	12167	1.3.6.1.4.1.6347.1.13.167.0
U12 Compressor Stage 1 Lifetime Hours	AI	12168	1.3.6.1.4.1.6347.1.13.168.0
U12 Compressor Stage 2 Lifetime Hours	AI	12169	1.3.6.1.4.1.6347.1.13.169.0
U12 Compressor Stage 3 Lifetime Hours	AI	12170	1.3.6.1.4.1.6347.1.13.170.0
U12 Compressor Stage 4 Lifetime Hours	AI	12171	1.3.6.1.4.1.6347.1.13.171.0
U12 Elec Heat Stage 1 Lifetime Hours	AI	12172	1.3.6.1.4.1.6347.1.13.172.0
U12 Elec Heat Stage 2 Lifetime Hours	AI	12173	1.3.6.1.4.1.6347.1.13.173.0
U12 Elec Heat Stage 3 Lifetime Hours	AI	12174	1.3.6.1.4.1.6347.1.13.174.0
U12 Elec Heat Stage 4 Lifetime Hours	AI	12175	1.3.6.1.4.1.6347.1.13.175.0
U12 Freecooling 1 Lifetime Hours	AI	12176	1.3.6.1.4.1.6347.1.13.176.0
U12 Freecooling 2 Lifetime Hours	AI	12177	1.3.6.1.4.1.6347.1.13.177.0
U12 Unit Type	MI	12178	1.3.6.1.4.1.6347.1.13.178.0
U12 Unit Status	MI	12179	1.3.6.1.4.1.6347.1.13.179.0
U13 Filter Switch Status 1	BI	13001	1.3.6.1.4.1.6347.1.14.1.0
U13 Filter Switch Status 2	BI	13002	1.3.6.1.4.1.6347.1.14.2.0
U13 Blower 1 Status	BI	13003	1.3.6.1.4.1.6347.1.14.3.0
U13 Blower 2 Status	BI	13004	1.3.6.1.4.1.6347.1.14.4.0
U13 Low Pressure Switch 1 Status	BI	13005	1.3.6.1.4.1.6347.1.14.5.0
U13 Damper Switch 1 Status	BI	13006	1.3.6.1.4.1.6347.1.14.6.0
U13 Damper Switch 2 Status	BI	13007	1.3.6.1.4.1.6347.1.14.7.0
U13 Damper Switch 3 Status	BI	13008	1.3.6.1.4.1.6347.1.14.8.0
U13 Damper Switch 4 Status	BI	13009	1.3.6.1.4.1.6347.1.14.9.0
U13 Reheat Valve 1	BI	13010	1.3.6.1.4.1.6347.1.14.10.0
U13 Electric Heat Stage 1	BI	13011	1.3.6.1.4.1.6347.1.14.11.0
U13 Electric Heat Stage 2	BI	13012	1.3.6.1.4.1.6347.1.14.12.0
U13 Freecooling Availability	BI	13013	1.3.6.1.4.1.6347.1.14.13.0
U13 Dirty Filter Indicator Light Stat	BI	13014	1.3.6.1.4.1.6347.1.14.14.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U13 Compressor Cooling Stage 1	BI	13015	1.3.6.1.4.1.6347.1.14.15.0
U13 Compressor Cooling Stage 2	BI	13016	1.3.6.1.4.1.6347.1.14.16.0
U13 Compressor Cooling Stage 3	BI	13017	1.3.6.1.4.1.6347.1.14.17.0
U13 Airflow Switch 1 Status	BI	13018	1.3.6.1.4.1.6347.1.14.18.0
U13 Airflow Switch 2 Status	BI	13019	1.3.6.1.4.1.6347.1.14.19.0
U13 High Pressure 1 / CCM Alarm Stat1	BI	13020	1.3.6.1.4.1.6347.1.14.20.0
U13 High Pressure 2 / CCM Alarm Stat2	BI	13021	1.3.6.1.4.1.6347.1.14.21.0
U13 Power Loss Input Status	BI	13022	1.3.6.1.4.1.6347.1.14.22.0
U13 Unit Disable Status	BI	13023	1.3.6.1.4.1.6347.1.14.23.0
U13 Error Num Of Retain Mem Writings	BI	13024	1.3.6.1.4.1.6347.1.14.24.0
U13 Error In Retain Memory Writings	BI	13025	1.3.6.1.4.1.6347.1.14.25.0
U13 Ckt1 Return Air Temp Sensor Fault	BI	13026	1.3.6.1.4.1.6347.1.14.26.0
U13 Ckt1 High Return Air Temp	BI	13027	1.3.6.1.4.1.6347.1.14.27.0
U13 Ckt1 Mixed Air Temp Sensor Fault	BI	13028	1.3.6.1.4.1.6347.1.14.28.0
U13 Ckt1 Mixed Air High Temp	BI	13029	1.3.6.1.4.1.6347.1.14.29.0
U13 Ckt1 Mixed Air Low Temp	BI	13030	1.3.6.1.4.1.6347.1.14.30.0
U13 Ckt1 Supply Air Temp Sensor Fault	BI	13031	1.3.6.1.4.1.6347.1.14.31.0
U13 Ckt1 High Supply Air Temp	BI	13032	1.3.6.1.4.1.6347.1.14.32.0
U13 Ckt1 Low Supply Air Temp	BI	13033	1.3.6.1.4.1.6347.1.14.33.0
U13 Outdoor Air Temp Sensor Fault	BI	13034	1.3.6.1.4.1.6347.1.14.34.0
U13 Outdoor Air Humidity Sensor Fault	BI	13035	1.3.6.1.4.1.6347.1.14.35.0
U13 Ckt1 Dust Sensor Fault	BI	13036	1.3.6.1.4.1.6347.1.14.36.0
U13 Ckt1 High Dust Levels Detected	BI	13037	1.3.6.1.4.1.6347.1.14.37.0
U13 Ckt1 Liquid Line Temp Sen Fault	BI	13038	1.3.6.1.4.1.6347.1.14.38.0
U13 Ckt1 Liquid Line Press Sen Fault	BI	13039	1.3.6.1.4.1.6347.1.14.39.0
U13 Ckt1 Suction Temp Sensor Fault	BI	13040	1.3.6.1.4.1.6347.1.14.40.0
U13 Ckt1 Suction Pressure Sen Fault	BI	13041	1.3.6.1.4.1.6347.1.14.41.0
U13 Ckt1 Low Pressure	BI	13042	1.3.6.1.4.1.6347.1.14.42.0
U13 Ckt1 High Pressure	BI	13043	1.3.6.1.4.1.6347.1.14.43.0
U13 Damper 1 Failed To Open	BI	13044	1.3.6.1.4.1.6347.1.14.44.0
U13 Damper 1 Failed To Close	BI	13045	1.3.6.1.4.1.6347.1.14.45.0
U13 Ckt1 Freeze Temp Sensor Fault	BI	13046	1.3.6.1.4.1.6347.1.14.46.0
U13 Ckt1 Freeze Condition	BI	13047	1.3.6.1.4.1.6347.1.14.47.0
U13 Ckt1 No Airflow Alarm	BI	13048	1.3.6.1.4.1.6347.1.14.48.0
U13 Dirty Filter 1	BI	13049	1.3.6.1.4.1.6347.1.14.49.0
U13 Emergency Ventilation	BI	13050	1.3.6.1.4.1.6347.1.14.50.0
U13 Emergency Cooling	BI	13051	1.3.6.1.4.1.6347.1.14.51.0
U13 Unit Disable Input Active	BI	13052	1.3.6.1.4.1.6347.1.14.52.0
U13 Power Loss Detected	BI	13053	1.3.6.1.4.1.6347.1.14.53.0
U13 Ckt1 Eev Low Superheat	BI	13054	1.3.6.1.4.1.6347.1.14.54.0
U13 Ckt2 Mixed Air Temp Sensor Fault	BI	13055	1.3.6.1.4.1.6347.1.14.55.0
U13 Ckt2 Mixed Air High Temp	BI	13056	1.3.6.1.4.1.6347.1.14.56.0
U13 Ckt2 Mixed Air Low Temp	BI	13057	1.3.6.1.4.1.6347.1.14.57.0
U13 Ckt2 Supply Air Temp Sensor Fault	BI	13058	1.3.6.1.4.1.6347.1.14.58.0
U13 Ckt2 High Supply Air Temp	BI	13059	1.3.6.1.4.1.6347.1.14.59.0
U13 Ckt2 Low Supply Air Temp	BI	13060	1.3.6.1.4.1.6347.1.14.60.0
U13 Ckt2 Liquid Line Temp Sen Fault	BI	13061	1.3.6.1.4.1.6347.1.14.61.0
U13 Ckt2 Liquid Line Press Sen Fault	BI	13062	1.3.6.1.4.1.6347.1.14.62.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U13 Ckt2 Suction Temp Sensor Fault	BI	13063	1.3.6.1.4.1.6347.1.14.63.0
U13 Ckt2 Suction Pressure Sen Fault	BI	13064	1.3.6.1.4.1.6347.1.14.64.0
U13 Ckt2 Low Pressure	BI	13065	1.3.6.1.4.1.6347.1.14.65.0
U13 Ckt2 High Pressure	BI	13066	1.3.6.1.4.1.6347.1.14.66.0
U13 Damper 2 Failed To Close	BI	13067	1.3.6.1.4.1.6347.1.14.67.0
U13 Damper 2 Failed To Open	BI	13068	1.3.6.1.4.1.6347.1.14.68.0
U13 Damper 3 Failed To Open	BI	13069	1.3.6.1.4.1.6347.1.14.69.0
U13 Damper 3 Failed To Close	BI	13070	1.3.6.1.4.1.6347.1.14.70.0
U13 Damper 4 Failed To Open	BI	13071	1.3.6.1.4.1.6347.1.14.71.0
U13 Damper 4 Failed To Close	BI	13072	1.3.6.1.4.1.6347.1.14.72.0
U13 Ckt2 Freeze Temp Sensor Fault	BI	13073	1.3.6.1.4.1.6347.1.14.73.0
U13 Ckt2 Freeze Condition	BI	13074	1.3.6.1.4.1.6347.1.14.74.0
U13 Ckt2 No Airflow Alarm	BI	13075	1.3.6.1.4.1.6347.1.14.75.0
U13 Dirty Filter 2	BI	13076	1.3.6.1.4.1.6347.1.14.76.0
U13 Dirty Filter 3	BI	13077	1.3.6.1.4.1.6347.1.14.77.0
U13 Dirty Filter 4	BI	13078	1.3.6.1.4.1.6347.1.14.78.0
U13 Ckt2 Eev Low Superheat	BI	13079	1.3.6.1.4.1.6347.1.14.79.0
U13 C.Pcoe Offline	BI	13080	1.3.6.1.4.1.6347.1.14.80.0
U13 Blower 1 Offline	BI	13081	1.3.6.1.4.1.6347.1.14.81.0
U13 Blower 1 Trouble Alarm	BI	13082	1.3.6.1.4.1.6347.1.14.82.0
U13 Blower 2 Offline	BI	13083	1.3.6.1.4.1.6347.1.14.83.0
U13 Blower 2 Trouble Alarm	BI	13084	1.3.6.1.4.1.6347.1.14.84.0
U13 Condenser Fan 1 Offline	BI	13085	1.3.6.1.4.1.6347.1.14.85.0
U13 Fan 1 Trouble Alarm	BI	13086	1.3.6.1.4.1.6347.1.14.86.0
U13 Condenser Fan 2 Offline	BI	13087	1.3.6.1.4.1.6347.1.14.87.0
U13 Fan 2 Trouble Alarm	BI	13088	1.3.6.1.4.1.6347.1.14.88.0
U13 Ckt1 Low Return Air Temp	BI	13089	1.3.6.1.4.1.6347.1.14.89.0
U13 Blower Or Fan Panel Open	BI	13090	1.3.6.1.4.1.6347.1.14.90.0
U13 Compressor 1 Status	MI	13091	1.3.6.1.4.1.6347.1.14.91.0
U13 Compressor 2 Status	MI	13092	1.3.6.1.4.1.6347.1.14.92.0
U13 Mixed Air Temp 1	AI	13093	1.3.6.1.4.1.6347.1.14.93.0
U13 Mixed Air Temp 2	AI	13094	1.3.6.1.4.1.6347.1.14.94.0
U13 Zone	AI	13095	1.3.6.1.4.1.6347.1.14.95.0
U13 Outdoor Air Temp 1	AI	13096	1.3.6.1.4.1.6347.1.14.96.0
U13 Return Air Temp 1	AI	13097	1.3.6.1.4.1.6347.1.14.97.0
U13 Outdoor Air Humidity 1	AI	13098	1.3.6.1.4.1.6347.1.14.98.0
U13 Evaporator Temp 1	AI	13099	1.3.6.1.4.1.6347.1.14.99.0
U13 Blower 1 Speed	AI	13100	1.3.6.1.4.1.6347.1.14.100.0
U13 Blower 2 Speed	AI	13101	1.3.6.1.4.1.6347.1.14.101.0
U13 Dust Sensor 1	AI	13102	1.3.6.1.4.1.6347.1.14.102.0
U13 Liquid Temp 1	AI	13103	1.3.6.1.4.1.6347.1.14.103.0
U13 Liquid Temp 2	AI	13104	1.3.6.1.4.1.6347.1.14.104.0
U13 Liquid Pressure 1	AI	13105	1.3.6.1.4.1.6347.1.14.105.0
U13 Liquid Pressure 2	AI	13106	1.3.6.1.4.1.6347.1.14.106.0
U13 Suction Pressure 1	AI	13107	1.3.6.1.4.1.6347.1.14.107.0
U13 Suction Pressure 2	AI	13108	1.3.6.1.4.1.6347.1.14.108.0
U13 Suction Temp 1	AI	13109	1.3.6.1.4.1.6347.1.14.109.0
U13 Suction Temp 2	AI	13110	1.3.6.1.4.1.6347.1.14.110.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U13 Supply Air Temp 1	AI	13111	1.3.6.1.4.1.6347.1.14.111.0
U13 Supply Air Temp 2	AI	13112	1.3.6.1.4.1.6347.1.14.112.0
U13 Condenser Fan Speed 1	AI	13113	1.3.6.1.4.1.6347.1.14.113.0
U13 Condenser Fan Speed 2	AI	13114	1.3.6.1.4.1.6347.1.14.114.0
U13 Damper Position 1	AI	13115	1.3.6.1.4.1.6347.1.14.115.0
U13 Damper Position 2	AI	13116	1.3.6.1.4.1.6347.1.14.116.0
U13 Damper Position 3	AI	13117	1.3.6.1.4.1.6347.1.14.117.0
U13 Damper Position 4	AI	13118	1.3.6.1.4.1.6347.1.14.118.0
U13 Electronic Expansion Valve 1 Pos	AI	13119	1.3.6.1.4.1.6347.1.14.119.0
U13 Electronic Expansion Valve 2 Pos	AI	13120	1.3.6.1.4.1.6347.1.14.120.0
U13 Number Of Cooling Stages	AI	13121	1.3.6.1.4.1.6347.1.14.121.0
U13 Number Of Heating Stages	AI	13122	1.3.6.1.4.1.6347.1.14.122.0
U13 Number Of Freecooling Stages	AI	13123	1.3.6.1.4.1.6347.1.14.123.0
U13 Outdoor Air Dewpoint	AI	13124	1.3.6.1.4.1.6347.1.14.124.0
U13 Dehumid Type	MI	13125	1.3.6.1.4.1.6347.1.14.125.0
U13 Subcooling 1	AI	13126	1.3.6.1.4.1.6347.1.14.126.0
U13 Superheat 1	AI	13127	1.3.6.1.4.1.6347.1.14.127.0
U13 Superheat 2	AI	13128	1.3.6.1.4.1.6347.1.14.128.0
U13 Subcooling 2	AI	13129	1.3.6.1.4.1.6347.1.14.129.0
U13 Wall Unit Software Version X	AI	13130	1.3.6.1.4.1.6347.1.14.130.0
U13 Wall Unit Software Version Y	AI	13131	1.3.6.1.4.1.6347.1.14.131.0
U13 Wall Unit Software Version Z	AI	13132	1.3.6.1.4.1.6347.1.14.132.0
U13 Unit Runtime	AI	13133	1.3.6.1.4.1.6347.1.14.133.0
U13 Unit Starts	AI	13134	1.3.6.1.4.1.6347.1.14.134.0
U13 Fan 1 Runtime	AI	13135	1.3.6.1.4.1.6347.1.14.135.0
U13 Fan 1 Starts	AI	13136	1.3.6.1.4.1.6347.1.14.136.0
U13 Fan 2 Runtime	AI	13137	1.3.6.1.4.1.6347.1.14.137.0
U13 Fan 2 Starts	AI	13138	1.3.6.1.4.1.6347.1.14.138.0
U13 Blower 1 Runtime	AI	13139	1.3.6.1.4.1.6347.1.14.139.0
U13 Blower 1 Starts	AI	13140	1.3.6.1.4.1.6347.1.14.140.0
U13 Blower 2 Runtime	AI	13141	1.3.6.1.4.1.6347.1.14.141.0
U13 Blower 2 Starts	AI	13142	1.3.6.1.4.1.6347.1.14.142.0
U13 Freecooling 1 Runtime	AI	13143	1.3.6.1.4.1.6347.1.14.143.0
U13 Freecooling 1 Starts	AI	13144	1.3.6.1.4.1.6347.1.14.144.0
U13 Freecooling 2 Runtime	AI	13145	1.3.6.1.4.1.6347.1.14.145.0
U13 Freecooling 2 Starts	AI	13146	1.3.6.1.4.1.6347.1.14.146.0
U13 Compressor Stage 1 Runtime	AI	13147	1.3.6.1.4.1.6347.1.14.147.0
U13 Compressor Stage 1 Starts	AI	13148	1.3.6.1.4.1.6347.1.14.148.0
U13 Compressor Stage 2 Runtime	AI	13149	1.3.6.1.4.1.6347.1.14.149.0
U13 Compressor Stage 2 Starts	AI	13150	1.3.6.1.4.1.6347.1.14.150.0
U13 Compressor Stage 3 Runtime	AI	13151	1.3.6.1.4.1.6347.1.14.151.0
U13 Compressor Stage 3 Starts	AI	13152	1.3.6.1.4.1.6347.1.14.152.0
U13 Compressor 4 Runtime	AI	13153	1.3.6.1.4.1.6347.1.14.153.0
U13 Compressor 4 Starts	AI	13154	1.3.6.1.4.1.6347.1.14.154.0
U13 Electric Heat Stage 1 Runtime	AI	13155	1.3.6.1.4.1.6347.1.14.155.0
U13 Electric Heat Stage 1 Starts	AI	13156	1.3.6.1.4.1.6347.1.14.156.0
U13 Electric Heat Stage 2 Runtime	AI	13157	1.3.6.1.4.1.6347.1.14.157.0
U13 Electric Heat Stage 2 Starts	AI	13158	1.3.6.1.4.1.6347.1.14.158.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U13 Electric Heat Stage 3 Runtime	AI	13159	1.3.6.1.4.1.6347.1.14.159.0
U13 Electric Heat Stage 3 Starts	AI	13160	1.3.6.1.4.1.6347.1.14.160.0
U13 Electric Heat Stage 4 Runtime	AI	13161	1.3.6.1.4.1.6347.1.14.161.0
U13 Electric Heat Stage 4 Starts	AI	13162	1.3.6.1.4.1.6347.1.14.162.0
U13 Unit Lifetime Hours	AI	13163	1.3.6.1.4.1.6347.1.14.163.0
U13 Blower 1 Lifetime Hours	AI	13164	1.3.6.1.4.1.6347.1.14.164.0
U13 Blower 2 Lifetime Hours	AI	13165	1.3.6.1.4.1.6347.1.14.165.0
U13 Fan 1 Lifetime Hours	AI	13166	1.3.6.1.4.1.6347.1.14.166.0
U13 Fan 2 Lifetime Hours	AI	13167	1.3.6.1.4.1.6347.1.14.167.0
U13 Compressor Stage 1 Lifetime Hours	AI	13168	1.3.6.1.4.1.6347.1.14.168.0
U13 Compressor Stage 2 Lifetime Hours	AI	13169	1.3.6.1.4.1.6347.1.14.169.0
U13 Compressor Stage 3 Lifetime Hours	AI	13170	1.3.6.1.4.1.6347.1.14.170.0
U13 Compressor Stage 4 Lifetime Hours	AI	13171	1.3.6.1.4.1.6347.1.14.171.0
U13 Elec Heat Stage 1 Lifetime Hours	AI	13172	1.3.6.1.4.1.6347.1.14.172.0
U13 Elec Heat Stage 2 Lifetime Hours	AI	13173	1.3.6.1.4.1.6347.1.14.173.0
U13 Elec Heat Stage 3 Lifetime Hours	AI	13174	1.3.6.1.4.1.6347.1.14.174.0
U13 Elec Heat Stage 4 Lifetime Hours	AI	13175	1.3.6.1.4.1.6347.1.14.175.0
U13 Freecooling 1 Lifetime Hours	AI	13176	1.3.6.1.4.1.6347.1.14.176.0
U13 Freecooling 2 Lifetime Hours	AI	13177	1.3.6.1.4.1.6347.1.14.177.0
U13 Unit Type	MI	13178	1.3.6.1.4.1.6347.1.14.178.0
U13 Unit Status	MI	13179	1.3.6.1.4.1.6347.1.14.179.0
U14 Filter Switch Status 1	BI	14001	1.3.6.1.4.1.6347.1.15.1.0
U14 Filter Switch Status 2	BI	14002	1.3.6.1.4.1.6347.1.15.2.0
U14 Blower 1 Status	BI	14003	1.3.6.1.4.1.6347.1.15.3.0
U14 Blower 2 Status	BI	14004	1.3.6.1.4.1.6347.1.15.4.0
U14 Low Pressure Switch 1 Status	BI	14005	1.3.6.1.4.1.6347.1.15.5.0
U14 Damper Switch 1 Status	BI	14006	1.3.6.1.4.1.6347.1.15.6.0
U14 Damper Switch 2 Status	BI	14007	1.3.6.1.4.1.6347.1.15.7.0
U14 Damper Switch 3 Status	BI	14008	1.3.6.1.4.1.6347.1.15.8.0
U14 Damper Switch 4 Status	BI	14009	1.3.6.1.4.1.6347.1.15.9.0
U14 Reheat Valve 1	BI	14010	1.3.6.1.4.1.6347.1.15.10.0
U14 Electric Heat Stage 1	BI	14011	1.3.6.1.4.1.6347.1.15.11.0
U14 Electric Heat Stage 2	BI	14012	1.3.6.1.4.1.6347.1.15.12.0
U14 Freecooling Availability	BI	14013	1.3.6.1.4.1.6347.1.15.13.0
U14 Dirty Filter Indicator Light Stat	BI	14014	1.3.6.1.4.1.6347.1.15.14.0
U14 Compressor Cooling Stage 1	BI	14015	1.3.6.1.4.1.6347.1.15.15.0
U14 Compressor Cooling Stage 2	BI	14016	1.3.6.1.4.1.6347.1.15.16.0
U14 Compressor Cooling Stage 3	BI	14017	1.3.6.1.4.1.6347.1.15.17.0
U14 Airflow Switch 1 Status	BI	14018	1.3.6.1.4.1.6347.1.15.18.0
U14 Airflow Switch 2 Status	BI	14019	1.3.6.1.4.1.6347.1.15.19.0
U14 High Pressure 1 / CCM Alarm Stat1	BI	14020	1.3.6.1.4.1.6347.1.15.20.0
U14 High Pressure 2 / CCM Alarm Stat2	BI	14021	1.3.6.1.4.1.6347.1.15.21.0
U14 Power Loss Input Status	BI	14022	1.3.6.1.4.1.6347.1.15.22.0
U14 Unit Disable Status	BI	14023	1.3.6.1.4.1.6347.1.15.23.0
U14 Error Num Of Retain Mem Writings	BI	14024	1.3.6.1.4.1.6347.1.15.24.0
U14 Error In Retain Memory Writings	BI	14025	1.3.6.1.4.1.6347.1.15.25.0
U14 Ckt1 Return Air Temp Sensor Fault	BI	14026	1.3.6.1.4.1.6347.1.15.26.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U14 Ckt1 High Return Air Temp	BI	14027	1.3.6.1.4.1.6347.1.15.27.0
U14 Ckt1 Mixed Air Temp Sensor Fault	BI	14028	1.3.6.1.4.1.6347.1.15.28.0
U14 Ckt1 Mixed Air High Temp	BI	14029	1.3.6.1.4.1.6347.1.15.29.0
U14 Ckt1 Mixed Air Low Temp	BI	14030	1.3.6.1.4.1.6347.1.15.30.0
U14 Ckt1 Supply Air Temp Sensor Fault	BI	14031	1.3.6.1.4.1.6347.1.15.31.0
U14 Ckt1 High Supply Air Temp	BI	14032	1.3.6.1.4.1.6347.1.15.32.0
U14 Ckt1 Low Supply Air Temp	BI	14033	1.3.6.1.4.1.6347.1.15.33.0
U14 Outdoor Air Temp Sensor Fault	BI	14034	1.3.6.1.4.1.6347.1.15.34.0
U14 Outdoor Air Humidity Sensor Fault	BI	14035	1.3.6.1.4.1.6347.1.15.35.0
U14 Ckt1 Dust Sensor Fault	BI	14036	1.3.6.1.4.1.6347.1.15.36.0
U14 Ckt1 High Dust Levels Detected	BI	14037	1.3.6.1.4.1.6347.1.15.37.0
U14 Ckt1 Liquid Line Temp Sen Fault	BI	14038	1.3.6.1.4.1.6347.1.15.38.0
U14 Ckt1 Liquid Line Press Sen Fault	BI	14039	1.3.6.1.4.1.6347.1.15.39.0
U14 Ckt1 Suction Temp Sensor Fault	BI	14040	1.3.6.1.4.1.6347.1.15.40.0
U14 Ckt1 Suction Pressure Sen Fault	BI	14041	1.3.6.1.4.1.6347.1.15.41.0
U14 Ckt1 Low Pressure	BI	14042	1.3.6.1.4.1.6347.1.15.42.0
U14 Ckt1 High Pressure	BI	14043	1.3.6.1.4.1.6347.1.15.43.0
U14 Damper 1 Failed To Open	BI	14044	1.3.6.1.4.1.6347.1.15.44.0
U14 Damper 1 Failed To Close	BI	14045	1.3.6.1.4.1.6347.1.15.45.0
U14 Ckt1 Freeze Temp Sensor Fault	BI	14046	1.3.6.1.4.1.6347.1.15.46.0
U14 Ckt1 Freeze Condition	BI	14047	1.3.6.1.4.1.6347.1.15.47.0
U14 Ckt1 No Airflow Alarm	BI	14048	1.3.6.1.4.1.6347.1.15.48.0
U14 Dirty Filter 1	BI	14049	1.3.6.1.4.1.6347.1.15.49.0
U14 Emergency Ventilation	BI	14050	1.3.6.1.4.1.6347.1.15.50.0
U14 Emergency Cooling	BI	14051	1.3.6.1.4.1.6347.1.15.51.0
U14 Unit Disable Input Active	BI	14052	1.3.6.1.4.1.6347.1.15.52.0
U14 Power Loss Detected	BI	14053	1.3.6.1.4.1.6347.1.15.53.0
U14 Ckt1 Eev Low Superheat	BI	14054	1.3.6.1.4.1.6347.1.15.54.0
U14 Ckt2 Mixed Air Temp Sensor Fault	BI	14055	1.3.6.1.4.1.6347.1.15.55.0
U14 Ckt2 Mixed Air High Temp	BI	14056	1.3.6.1.4.1.6347.1.15.56.0
U14 Ckt2 Mixed Air Low Temp	BI	14057	1.3.6.1.4.1.6347.1.15.57.0
U14 Ckt2 Supply Air Temp Sensor Fault	BI	14058	1.3.6.1.4.1.6347.1.15.58.0
U14 Ckt2 High Supply Air Temp	BI	14059	1.3.6.1.4.1.6347.1.15.59.0
U14 Ckt2 Low Supply Air Temp	BI	14060	1.3.6.1.4.1.6347.1.15.60.0
U14 Ckt2 Liquid Line Temp Sen Fault	BI	14061	1.3.6.1.4.1.6347.1.15.61.0
U14 Ckt2 Liquid Line Press Sen Fault	BI	14062	1.3.6.1.4.1.6347.1.15.62.0
U14 Ckt2 Suction Temp Sensor Fault	BI	14063	1.3.6.1.4.1.6347.1.15.63.0
U14 Ckt2 Suction Pressure Sen Fault	BI	14064	1.3.6.1.4.1.6347.1.15.64.0
U14 Ckt2 Low Pressure	BI	14065	1.3.6.1.4.1.6347.1.15.65.0
U14 Ckt2 High Pressure	BI	14066	1.3.6.1.4.1.6347.1.15.66.0
U14 Damper 2 Failed To Close	BI	14067	1.3.6.1.4.1.6347.1.15.67.0
U14 Damper 2 Failed To Open	BI	14068	1.3.6.1.4.1.6347.1.15.68.0
U14 Damper 3 Failed To Open	BI	14069	1.3.6.1.4.1.6347.1.15.69.0
U14 Damper 3 Failed To Close	BI	14070	1.3.6.1.4.1.6347.1.15.70.0
U14 Damper 4 Failed To Open	BI	14071	1.3.6.1.4.1.6347.1.15.71.0
U14 Damper 4 Failed To Close	BI	14072	1.3.6.1.4.1.6347.1.15.72.0
U14 Ckt2 Freeze Temp Sensor Fault	BI	14073	1.3.6.1.4.1.6347.1.15.73.0
U14 Ckt2 Freeze Condition	BI	14074	1.3.6.1.4.1.6347.1.15.74.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U14 Ckt2 No Airflow Alarm	BI	14075	1.3.6.1.4.1.6347.1.15.75.0
U14 Dirty Filter 2	BI	14076	1.3.6.1.4.1.6347.1.15.76.0
U14 Dirty Filter 3	BI	14077	1.3.6.1.4.1.6347.1.15.77.0
U14 Dirty Filter 4	BI	14078	1.3.6.1.4.1.6347.1.15.78.0
U14 Ckt2 Eev Low Superheat	BI	14079	1.3.6.1.4.1.6347.1.15.79.0
U14 C.Pcoe Offline	BI	14080	1.3.6.1.4.1.6347.1.15.80.0
U14 Blower 1 Offline	BI	14081	1.3.6.1.4.1.6347.1.15.81.0
U14 Blower 1 Trouble Alarm	BI	14082	1.3.6.1.4.1.6347.1.15.82.0
U14 Blower 2 Offline	BI	14083	1.3.6.1.4.1.6347.1.15.83.0
U14 Blower 2 Trouble Alarm	BI	14084	1.3.6.1.4.1.6347.1.15.84.0
U14 Condenser Fan 1 Offline	BI	14085	1.3.6.1.4.1.6347.1.15.85.0
U14 Fan 1 Trouble Alarm	BI	14086	1.3.6.1.4.1.6347.1.15.86.0
U14 Condenser Fan 2 Offline	BI	14087	1.3.6.1.4.1.6347.1.15.87.0
U14 Fan 2 Trouble Alarm	BI	14088	1.3.6.1.4.1.6347.1.15.88.0
U14 Ckt1 Low Return Air Temp	BI	14089	1.3.6.1.4.1.6347.1.15.89.0
U14 Blower Or Fan Panel Open	BI	14090	1.3.6.1.4.1.6347.1.15.90.0
U14 Compressor 1 Status	MI	14091	1.3.6.1.4.1.6347.1.15.91.0
U14 Compressor 2 Status	MI	14092	1.3.6.1.4.1.6347.1.15.92.0
U14 Mixed Air Temp 1	AI	14093	1.3.6.1.4.1.6347.1.15.93.0
U14 Mixed Air Temp 2	AI	14094	1.3.6.1.4.1.6347.1.15.94.0
U14 Zone	AI	14095	1.3.6.1.4.1.6347.1.15.95.0
U14 Outdoor Air Temp 1	AI	14096	1.3.6.1.4.1.6347.1.15.96.0
U14 Return Air Temp 1	AI	14097	1.3.6.1.4.1.6347.1.15.97.0
U14 Outdoor Air Humidity 1	AI	14098	1.3.6.1.4.1.6347.1.15.98.0
U14 Evaporator Temp 1	AI	14099	1.3.6.1.4.1.6347.1.15.99.0
U14 Blower 1 Speed	AI	14100	1.3.6.1.4.1.6347.1.15.100.0
U14 Blower 2 Speed	AI	14101	1.3.6.1.4.1.6347.1.15.101.0
U14 Dust Sensor 1	AI	14102	1.3.6.1.4.1.6347.1.15.102.0
U14 Liquid Temp 1	AI	14103	1.3.6.1.4.1.6347.1.15.103.0
U14 Liquid Temp 2	AI	14104	1.3.6.1.4.1.6347.1.15.104.0
U14 Liquid Pressure 1	AI	14105	1.3.6.1.4.1.6347.1.15.105.0
U14 Liquid Pressure 2	AI	14106	1.3.6.1.4.1.6347.1.15.106.0
U14 Suction Pressure 1	AI	14107	1.3.6.1.4.1.6347.1.15.107.0
U14 Suction Pressure 2	AI	14108	1.3.6.1.4.1.6347.1.15.108.0
U14 Suction Temp 1	AI	14109	1.3.6.1.4.1.6347.1.15.109.0
U14 Suction Temp 2	AI	14110	1.3.6.1.4.1.6347.1.15.110.0
U14 Supply Air Temp 1	AI	14111	1.3.6.1.4.1.6347.1.15.111.0
U14 Supply Air Temp 2	AI	14112	1.3.6.1.4.1.6347.1.15.112.0
U14 Condenser Fan Speed 1	AI	14113	1.3.6.1.4.1.6347.1.15.113.0
U14 Condenser Fan Speed 2	AI	14114	1.3.6.1.4.1.6347.1.15.114.0
U14 Damper Position 1	AI	14115	1.3.6.1.4.1.6347.1.15.115.0
U14 Damper Position 2	AI	14116	1.3.6.1.4.1.6347.1.15.116.0
U14 Damper Position 3	AI	14117	1.3.6.1.4.1.6347.1.15.117.0
U14 Damper Position 4	AI	14118	1.3.6.1.4.1.6347.1.15.118.0
U14 Electronic Expansion Valve 1 Pos	AI	14119	1.3.6.1.4.1.6347.1.15.119.0
U14 Electronic Expansion Valve 2 Pos	AI	14120	1.3.6.1.4.1.6347.1.15.120.0
U14 Number Of Cooling Stages	AI	14121	1.3.6.1.4.1.6347.1.15.121.0
U14 Number Of Heating Stages	AI	14122	1.3.6.1.4.1.6347.1.15.122.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U14 Number Of Freecooling Stages	AI	14123	1.3.6.1.4.1.6347.1.15.123.0
U14 Outdoor Air Dewpoint	AI	14124	1.3.6.1.4.1.6347.1.15.124.0
U14 Dehumid Type	MI	14125	1.3.6.1.4.1.6347.1.15.125.0
U14 Subcooling 1	AI	14126	1.3.6.1.4.1.6347.1.15.126.0
U14 Superheat 1	AI	14127	1.3.6.1.4.1.6347.1.15.127.0
U14 Superheat 2	AI	14128	1.3.6.1.4.1.6347.1.15.128.0
U14 Subcooling 2	AI	14129	1.3.6.1.4.1.6347.1.15.129.0
U14 Wall Unit Software Version X	AI	14130	1.3.6.1.4.1.6347.1.15.130.0
U14 Wall Unit Software Version Y	AI	14131	1.3.6.1.4.1.6347.1.15.131.0
U14 Wall Unit Software Version Z	AI	14132	1.3.6.1.4.1.6347.1.15.132.0
U14 Unit Runtime	AI	14133	1.3.6.1.4.1.6347.1.15.133.0
U14 Unit Starts	AI	14134	1.3.6.1.4.1.6347.1.15.134.0
U14 Fan 1 Runtime	AI	14135	1.3.6.1.4.1.6347.1.15.135.0
U14 Fan 1 Starts	AI	14136	1.3.6.1.4.1.6347.1.15.136.0
U14 Fan 2 Runtime	AI	14137	1.3.6.1.4.1.6347.1.15.137.0
U14 Fan 2 Starts	AI	14138	1.3.6.1.4.1.6347.1.15.138.0
U14 Blower 1 Runtime	AI	14139	1.3.6.1.4.1.6347.1.15.139.0
U14 Blower 1 Starts	AI	14140	1.3.6.1.4.1.6347.1.15.140.0
U14 Blower 2 Runtime	AI	14141	1.3.6.1.4.1.6347.1.15.141.0
U14 Blower 2 Starts	AI	14142	1.3.6.1.4.1.6347.1.15.142.0
U14 Freecooling 1 Runtime	AI	14143	1.3.6.1.4.1.6347.1.15.143.0
U14 Freecooling 1 Starts	AI	14144	1.3.6.1.4.1.6347.1.15.144.0
U14 Freecooling 2 Runtime	AI	14145	1.3.6.1.4.1.6347.1.15.145.0
U14 Freecooling 2 Starts	AI	14146	1.3.6.1.4.1.6347.1.15.146.0
U14 Compressor Stage 1 Runtime	AI	14147	1.3.6.1.4.1.6347.1.15.147.0
U14 Compressor Stage 1 Starts	AI	14148	1.3.6.1.4.1.6347.1.15.148.0
U14 Compressor Stage 2 Runtime	AI	14149	1.3.6.1.4.1.6347.1.15.149.0
U14 Compressor Stage 2 Starts	AI	14150	1.3.6.1.4.1.6347.1.15.150.0
U14 Compressor Stage 3 Runtime	AI	14151	1.3.6.1.4.1.6347.1.15.151.0
U14 Compressor Stage 3 Starts	AI	14152	1.3.6.1.4.1.6347.1.15.152.0
U14 Compressor 4 Runtime	AI	14153	1.3.6.1.4.1.6347.1.15.153.0
U14 Compressor 4 Starts	AI	14154	1.3.6.1.4.1.6347.1.15.154.0
U14 Electric Heat Stage 1 Runtime	AI	14155	1.3.6.1.4.1.6347.1.15.155.0
U14 Electric Heat Stage 1 Starts	AI	14156	1.3.6.1.4.1.6347.1.15.156.0
U14 Electric Heat Stage 2 Runtime	AI	14157	1.3.6.1.4.1.6347.1.15.157.0
U14 Electric Heat Stage 2 Starts	AI	14158	1.3.6.1.4.1.6347.1.15.158.0
U14 Electric Heat Stage 3 Runtime	AI	14159	1.3.6.1.4.1.6347.1.15.159.0
U14 Electric Heat Stage 3 Starts	AI	14160	1.3.6.1.4.1.6347.1.15.160.0
U14 Electric Heat Stage 4 Runtime	AI	14161	1.3.6.1.4.1.6347.1.15.161.0
U14 Electric Heat Stage 4 Starts	AI	14162	1.3.6.1.4.1.6347.1.15.162.0
U14 Unit Lifetime Hours	AI	14163	1.3.6.1.4.1.6347.1.15.163.0
U14 Blower 1 Lifetime Hours	AI	14164	1.3.6.1.4.1.6347.1.15.164.0
U14 Blower 2 Lifetime Hours	AI	14165	1.3.6.1.4.1.6347.1.15.165.0
U14 Fan 1 Lifetime Hours	AI	14166	1.3.6.1.4.1.6347.1.15.166.0
U14 Fan 2 Lifetime Hours	AI	14167	1.3.6.1.4.1.6347.1.15.167.0
U14 Compressor Stage 1 Lifetime Hours	AI	14168	1.3.6.1.4.1.6347.1.15.168.0
U14 Compressor Stage 2 Lifetime Hours	AI	14169	1.3.6.1.4.1.6347.1.15.169.0
U14 Compressor Stage 3 Lifetime Hours	AI	14170	1.3.6.1.4.1.6347.1.15.170.0

Point Name	BACnet Object Type	BACnet Object ID	SNMP OID
U14 Compressor Stage 4 Lifetime Hours	AI	14171	1.3.6.1.4.1.6347.1.15.171.0
U14 Elec Heat Stage 1 Lifetime Hours	AI	14172	1.3.6.1.4.1.6347.1.15.172.0
U14 Elec Heat Stage 2 Lifetime Hours	AI	14173	1.3.6.1.4.1.6347.1.15.173.0
U14 Elec Heat Stage 3 Lifetime Hours	AI	14174	1.3.6.1.4.1.6347.1.15.174.0
U14 Elec Heat Stage 4 Lifetime Hours	AI	14175	1.3.6.1.4.1.6347.1.15.175.0
U14 Freecooling 1 Lifetime Hours	AI	14176	1.3.6.1.4.1.6347.1.15.176.0
U14 Freecooling 2 Lifetime Hours	AI	14177	1.3.6.1.4.1.6347.1.15.177.0
U14 Unit Type	MI	14178	1.3.6.1.4.1.6347.1.15.178.0
U14 Unit Status	MI	14179	1.3.6.1.4.1.6347.1.15.179.0

11 Specifications

ProtoNode FPC-N54[1]	
Electrical Connections	One 3-pin Phoenix connector with: RS-485/RS-232 (Tx+ / Rx- / gnd) One 3-pin Phoenix connector with: RS-485 (Tx+ / Rx- / gnd) One 3-pin Phoenix connector with: Power port (+ / - / Frame-gnd) One Ethernet 10/100 BaseT port
Power Requirements	*Input Voltage:* 9-30VDC or 24VAC *Current Draw:* 24VAC 0.125A *Max Power:* 3 Watts 9-30VDC .25A @12VDC
Approvals	CE and FCC class B & C part 15, UL 60950-1, WEEE compliant, IC Canada, RoHS3 compliant, DNP 3.0 conformance tested, REACH compliant
Physical Dimensions	4 x 1.1 x 2.7 in (10.16 x 2.8 x 6.8 cm)
Weight	0.4 lbs (0.2 Kg)
Operating Temperature	-20°C to 70°C (-4°F to158°F)
Humidity	10-95% RH non-condensing

[1] Specifications subject to change without notice.

11.1 Compliance with UL Regulations

For UL compliance, the following instructions must be met when operating the ProtoNode.

- The units shall be powered by listed LPS or Class 2 power supply suited to the expected operating temperature range.
- The interconnecting power connector and power cable shall:
  - Comply with local electrical code
  - Be suited to the expected operating temperature range
  - Meet the current and voltage rating for the ProtoNode
- Furthermore, the interconnecting power cable shall:
  - Be of length not exceeding 3.05m (118.3")
  - Be constructed of materials rated VW-1, FT-1 or better
- If the unit is to be installed in an operating environment with a temperature above 65 °C, it should be installed in a Restricted Access Area requiring a key or a special tool to gain access.
- This device must not be connected to a LAN segment with outdoor wiring.

12 Limited 2 Year Warranty

MSA Safety warrants its products to be free from defects in workmanship or material under normal use and service for two years after date of shipment. MSA Safety will repair or replace any equipment found to be defective during the warranty period. Final determination of the nature and responsibility for defective or damaged equipment will be made by MSA Safety personnel.

All warranties hereunder are contingent upon proper use in the application for which the product was intended and do not cover products which have been modified or repaired without MSA Safety's approval or which have been subjected to accident, improper maintenance, installation or application; or on which original identification marks have been removed or altered. This Limited Warranty also will not apply to interconnecting cables or wires, consumables or to any damage resulting from battery leakage.

In all cases MSA Safety's responsibility and liability under this warranty shall be limited to the cost of the equipment. The purchaser must obtain shipping instructions for the prepaid return of any item under this warranty provision and compliance with such instruction shall be a condition of this warranty.

Except for the express warranty stated above, MSA Safety disclaims all warranties with regard to the products sold hereunder including all implied warranties of merchantability and fitness and the express warranties stated herein are in lieu of all obligations or liabilities on the part of MSA Safety for damages including, but not limited to, consequential damages arising out of/or in connection with the use or performance of the product.