Liebert - iCOM_CR - BACnet Mapping FDM Version #462

Binary Data

Air Temperature

Data Label	Object Type	Instance	Object Name	Access	Notes
Supply Air Over Temperature	Binary_Value	1	5015	RD	
Supply Air Under Temperature	Binary_Value	2	5019	RD	
Return Air Over Temperature	Binary_Value	3	5023	RD	
Supply Air Sensor Issue	Binary_Value	4	5026	RD	
Return Air Sensor Issue	Binary_Value	5	5147	RD	

Humidity

Data Label	Object Type	Instance	Object Name	Access	Notes
High Return Humidity	Binary_Value	16	5034	RD	
Low Return Humidity	Binary_Value	17	5036	RD	
Humidifier Hours Exceeded	Binary_Value	18	5037	RD	
Dehumidifier Hours Exceeded	Binary_Value	19	5038	RD	
Humidifier Under Current	Binary_Value	20	5039	RD	
Humidifier Over Current	Binary_Value	21	5040	RD	
Humidifier Low Water	Binary_Value	22	5041	RD	
Humidifier Cylinder Worn	Binary_Value	23	5042	RD	
Humidifier Issue	Binary_Value	24	5043	RD	
Ext Humidifier Lockout	Binary_Value	25	5044	RD	
Humidifier Control Board Not Detected	Binary_Value	26	5045	RD	
Return Humidity Out Of Proportional Band	Binary_Value	27	5046	RD	

Fans

Data Label	Object Type	Instance	Object Name	Access	Notes
Loss of Air Flow	Binary_Value	38	5053	RD	
Fan Hours Exceeded	Binary_Value	39	5054	RD	
Top Fan Issue	Binary_Value	40	5055	RD	
Bottom Fan Issue	Binary_Value	41	5056	RD	

Remote Sensors 1

Data Label	Object Type	Instance	Object Name	Access	Notes
Remote Sensor Issue	Binary_Value	52	5060_1	RD	

Remote Sensors 2

Data Label	Object Type	Instance	Object Name	Access	Notes
Remote Sensor Issue	Binary_Value	63	5060_2	RD	

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Remote Sensors 10

Data Label	Object Type	Instance	Object Name	Access	Notes
Remote Sensor Issue	Binary_Value	151	5060_10	RD	

Compressor

Data Label	Object Type	Instance	Object Name	Access	Notes
Compressor 1 High Head Pressure	Binary_Value	162	4669	RD	
Compressor 1 Low Suction Pressure	Binary_Value	163	5062	RD	
Compressor 1 Hours Exceeded	Binary_Value	164	5063	RD	
Dig Scroll Comp 1 Temp Sensor Issue	Binary_Value	165	5064	RD	
Dig Scroll Comp 1 Over Temp	Binary_Value	166	5065	RD	
Compressor 1 Low Pressure Transducer Issue	Binary_Value	167	5066	RD	
Compressor 1 High Pressure Transducer Issue	Binary_Value	168	5148	RD	
Ext Compressor Lockout	Binary_Value	169	5067	RD	
Compressor 1 Short Cycle	Binary_Value	170	4681	RD	
Compressor 1 Pump Down Issue	Binary_Value	171	5146	RD	

Reheater

Data Label	Object Type	Instance	Object Name	Access	Notes
Reheater Over Temperature	Binary_Value	182	5068	RD	
Electric Reheater Hours Exceeded	Binary_Value	183	5069	RD	
Ext Reheat Lockout	Binary_Value	184	5070	RD	

Condenser

Data Label	Object Type	Instance	Object Name	Access	Notes
Condenser 1 Issue	Binary_Value	195	5071	RD	
Condenser VFD Issue	Binary_Value	196	5072	RD	
Condenser TVSS Issue	Binary_Value	197	5073	RD	

Chilled Water

Data Label	Object Type	Instance	Object Name	Access	Notes

Data Label	Object Type	Instance	Object Name	Access	Notes
Supply Chilled Water Over Temp	Binary_Value	208	4626	RD	
Chilled Water Control Valve Position	Binary_Value	209	4703	RD	
Supply Chilled Water Loss of Flow	Binary_Value	210	4980	RD	

System Events

Data Label	Object Type	Instance	Object Name	Access	Notes
Customer Input 1	Binary_Value	221	4270	RD	
Customer Input 2	Binary_Value	222	4271	RD	
Customer Input 3	Binary_Value	223	4272	RD	
Customer Input 4	Binary_Value	224	4273	RD	
Smoke Detected	Binary_Value	225	4720	RD	
Water Under Floor	Binary_Value	226	4723	RD	
Service Required	Binary_Value	227	4726	RD	
Shutdown - Loss Of Power	Binary_Value	228	4714	RD	
Ext Over Temperature	Binary_Value	229	5104	RD	
Ext Loss of Flow	Binary_Value	230	5105	RD	
Ext Condenser Pump High Water	Binary_Value	231	5106	RD	
Ext Standby Glycol Pump On	Binary_Value	232	5107	RD	
External Fire Detected	Binary_Value	233	5108	RD	
Unit On	Binary_Value	234	5109	RD	
Unit Off	Binary_Value	235	5110	RD	
Unit Standby	Binary_Value	236	5111	RD	
Unit Partial Shutdown	Binary_Value	237	5112	RD	
Unit Shutdown	Binary_Value	238	5113	RD	
Water Leakage Detector Sensor Issue	Binary_Value	239	5114	RD	
BMS Communications Timeout	Binary_Value	240	5115	RD	
Maintenance Due	Binary_Value	241	5116	RD	
Maintenance Completed	Binary_Value	242	5117	RD	
Clogged Air Filter	Binary_Value	243	5118	RD	
RAM Battery Issue	Binary_Value	244	5119	RD	
Master Unit Communication Lost	Binary_Value	245	5120	RD	
High Power Shutdown	Binary_Value	246	5121	RD	
Supply Fluid Temp Sensor Issue	Binary_Value	247	4651	RD	

Analog Data

Air Temperature

Data Label	Object Type	Instance	Object Name	Access	Notes
Supply Air Temperature	Analog_Value	1	5002	RD	

Return Air Temperature	Analog_Value	2	4291	RD	
Return Dew Point	Analog_Value	3	5004	RD	
Remote Sensor Minimum Temperature	Analog_Value	4	5005	RD	
Remote Sensor Maximum Temperature	Analog_Value	5	5006	RD	
Remote Sensor Average Temperature	Analog_Value	6	5007	RD	
Air Temperature Set Point	Analog_Value	7	5008	RW	
Cooling Proportional Band	Analog_Value	8	5009	RW	
Heating Proportional Band	Analog_Value	9	5010	RW	
Air Temperature Dead Band	Analog_Value	10	5011	RW	
Supply Air Over Temp Threshold	Analog_Value	11	5014	RW	
Supply Air Under Temp Threshold	Analog_Value	12	5018	RW	
Return Air Over Temp Threshold	Analog_Value	13	5022	RW	

Humidity

Data Label	Object Type	Instance	Object Name	Access	Notes
Supply Humidity	Analog_Value	24	5027	RD	
Return Humidity	Analog_Value	25	5028	RD	
Humidity Set Point	Analog_Value	26	5029	RW	
Humidification Proportional Band	Analog_Value	27	5030	RW	
Dehumidification Proportional Band	Analog_Value	28	5031	RW	
Humidity Dead Band	Analog_Value	29	5032	RW	
High Return Humidity Threshold	Analog_Value	30	5033	RW	
Low Return Humidity Threshold	Analog_Value	31	5035	RW	

Fans

Data Label	Object Type	Instance	Object Name	Access	Notes
Fan Speed Proportional Band	Analog_Value	42	5048	RW	
Fan Speed Manual Set Point	Analog_Value	43	5049	RW	
Fan Speed Maximum Set Point	Analog_Value	44	5050	RW	
Fan Speed Minimum Set Point	Analog_Value	45	5051	RW	

Remote Sensors 1

Data Label	Object Type	Instance	Object Name	Access	Notes
Remote Sensor Temperature	Analog_Value	56	5059_1	RD	

Remote Sensors 2

Data Label	Object Type	Instance	Object Name	Access	Notes
Remote Sensor Temperature	Analog_Value	67	5059_2	RD	

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Remote Sensors 10

Data Label	Object Type	Instance	Object Name	Access	Notes
Remote Sensor Temperature	Analog_Value	155	5059_10	RD	

Chilled Water

Data Label	Object Type	Instance	Object Name	Access	Notes
Supply Chilled Water Temperature	Analog_Value	166	4624	RD	
Supply Chilled Water Over Temp Threshold	Analog_Value	167	4625	RW	

System Info

Data Label	Object Type	Instance	Object Name	Access	Notes
BMS Timeout Period	Analog_Value	178	5075	RW	
Auto Restart Delay	Analog_Value	179	4710	RW	

System Operations

Data Label	Object Type	Instance	Object Name	Access	Notes
Operating Efficiency	Analog_Value	190	5076	RD	
Fan Speed	Analog_Value	191	5077	RD	
Compressor Utilization	Analog_Value	192	5078	RD	
Dehumidifier Utilization	Analog_Value	193	5079	RD	
Reheat Utilization	Analog_Value	194	5080	RD	
Humidifier Utilization	Analog_Value	195	5081	RD	
Calculated Next Maintenance Month	Analog_Value	196	4868	RD	
Calculated Next Maintenance Year	Analog_Value	197	4869	RD	
Maintenance Ramp	Analog_Value	198	4870	RD	

Time

Data Label	Object Type	Instance	Object Name	Access	Notes
System Date and Time	Analog_Value	209	4293	RW	

Multistate Data

Protocol

Data Label	Object Type	Instance	Object Name	Access	Notes
Server Class	MultiState_Value	1	4553	RD	1 = UPS

					2 = AIR
					3 = PMP
					4 = PDU

Air Temperature

Data Label	Object Type	Instance	Object Name	Access	Notes
Air Temperature Control Sensor	MultiState_Value	12	5012	RW	1 = Supply 2 = Remote 3 = Return
Remote Sensor Temperature Calculation	MultiState_Value	13	5013	RW	1 = Average 2 = Maximum

Fans

Data Label	Object Type	Instance	Object Name	Access	Notes
Fan Control Mode	MultiState_Value	24	5047	RW	1 = Internal (Auto) 2 = External (Manual)
Fan Control Sensor	MultiState_Value	25	5052	RW	1 = Supply 2 = Remote 3 = Return

Remote Sensors 1

Data Label	Object Type	Instance	Object Name	Access	Notes
Remote Sensor Function	MultiState_Value	36	5058_1	RW	1 = Disable 2 = Reference 3 = Control

Remote Sensors 2

Data Label	Object Type	Instance	Object Name	Access	Notes
Remote Sensor Function	MultiState_Value	47	5058_2	RW	1 = Disable 2 = Reference 3 = Control

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Remote Sensors 10

Data Label	Object Type	Instance	Object Name	Access	Notes
Remote Sensor Function	MultiState_Value	135	5058_10	RW	1 = Disable 2 = Reference 3 = Control

System Info

Data Label	Object Type	Instance	Object Name	Access	Notes
System Status	MultiState_Value	146	4123	RD	1 = Normal Operation 2 = StartUp 3 = Normal with Warning 4 = Normal with Alarm 5 = Abnormal Operation
System Operating State	MultiState_Value	147	4706	RD	1 = off 2 = on 3 = standby
System Control Mode	MultiState_Value	148	4707	RD	1 = Internal (Auto) 2 = External (Manual)
System Operating State Reason	MultiState_Value	149	5074	RD	1 = Reason Unknown 2 = Network Display 3 = Alarm 4 = Schedule 5 = Remote System 6 = External Input 7 = Local Display

System Operations

Data Label	Object Type	Instance	Object Name	Access	Notes
System On/Off Control	MultiState_Value	160	5143	RW	1 = off 2 = on

Event Configuration

Data Label	Object Type	Instance	Object Name	Access	Notes
System Event Acknowledge/Reset	MultiState_Value	171	4717	WO	1 = Reset 2 = Acknowledge
Smoke Detected - Event Control	MultiState_Value	172	4721	RW	1 = disabled 2 = enabled
Smoke Detected - Event Type	MultiState_Value	173	4722	RW	1 = Message 2 = Warning 3 = Alarm
Water Under Floor - Event Control	MultiState_Value	174	4724	RW	1 = disabled 2 = enabled
Water Under Floor - Event Type	MultiState_Value	175	4725	RW	1 = Message 2 = Warning 3 = Alarm

Customer Input 1 - Event Control	MultiState_Value	176	4718	RW	1 = disabled 2 = enabled
Customer Input 1 - Event Type	MultiState_Value	177	4719	RW	1 = Message 2 = Warning 3 = Alarm
Customer Input 2 - Event Control	MultiState_Value	178	5098	RW	1 = disabled 2 = enabled
Customer Input 2 - Event Type	MultiState_Value	179	5099	RW	1 = Message 2 = Warning 3 = Alarm
Customer Input 3 - Event Control	MultiState_Value	180	5100	RW	1 = disabled 2 = enabled
Customer Input 3 - Event Type	MultiState_Value	181	5101	RW	1 = Message 2 = Warning 3 = Alarm
Customer Input 4 - Event Control	MultiState_Value	182	5102	RW	1 = disabled 2 = enabled
Customer Input 4 - Event Type	MultiState_Value	183	5103	RW	1 = Message 2 = Warning 3 = Alarm
Service Required - Event Control	MultiState_Value	184	4727	RW	1 = disabled 2 = enabled
Service Required - Event Type	MultiState_Value	185	4728	RW	1 = Message 2 = Warning 3 = Alarm
Shutdown - Loss Of Power - Event Control	MultiState_Value	186	4715	RW	1 = disabled 2 = enabled
Shutdown - Loss Of Power - Event Type	MultiState_Value	187	4716	RW	1 = Message 2 = Warning 3 = Alarm
Ext Loss of Flow - Event Control	MultiState_Value	188	5082	RW	1 = disabled 2 = enabled
Ext Loss of Flow - Event Type	MultiState_Value	189	5083	RW	1 = Message 2 = Warning 3 = Alarm
Ext Reheat Lockout - Event Control	MultiState_Value	190	5084	RW	1 = disabled 2 = enabled
Ext Reheat Lockout - Event Type	MultiState_Value	191	5085	RW	1 = Message 2 = Warning 3 = Alarm
Ext Humidifier Lockout - Event Control	MultiState_Value	192	5086	RW	1 = disabled 2 = enabled

Ext Humidifier Lockout - Event Type	MultiState_Value	193	5087	RW	1 = Message 2 = Warning 3 = Alarm
Ext Compressor Lockout - Event Control	MultiState_Value	194	5088	RW	1 = disabled 2 = enabled
Ext Compressor Lockout - Event Type	MultiState_Value	195	5089	RW	1 = Message 2 = Warning 3 = Alarm
Ext Over Temperature - Event Control	MultiState_Value	196	5090	RW	1 = disabled 2 = enabled
Ext Over Temperature - Event Type	MultiState_Value	197	5091	RW	1 = Message 2 = Warning 3 = Alarm
Condenser VFD Issue - Event Control	MultiState_Value	198	5092	RW	1 = disabled 2 = enabled
Condenser VFD Issue - Event Type	MultiState_Value	199	5093	RW	1 = Message 2 = Warning 3 = Alarm
Condenser TVSS Issue - Event Control	MultiState_Value	200	5094	RW	1 = disabled 2 = enabled
Condenser TVSS Issue - Event Type	MultiState_Value	201	5095	RW	1 = Message 2 = Warning 3 = Alarm
Condenser 1 Issue - Event Control	MultiState_Value	202	5096	RW	1 = disabled 2 = enabled
Condenser 1 Issue - Event Type	MultiState_Value	203	5097	RW	1 = Message 2 = Warning 3 = Alarm

Glossary

Data Label	Data Description
Air Temperature Control Sensor	Sensor from which air temperature measurements will be used for cooling and heating control.
Air Temperature Dead Band	Value that is divided evenly to form a temperature range above and below [Air Temperature Set Point]. If measured air temperature is within this range, no heating or cooling will occur.
Air Temperature Set Point	Desired air temperature.
Auto Restart Delay	If power is lost, the control will delay this amount of time after power is restored before restarting the unit.
BMS Communications Timeout	Building Management System (or external monitoring system) has not communicated with the system within the expected timeframe.
BMS Timeout Period	Timeframe within which the Building Management System (or external monitoring system) must communicate with the system to avoid a timeout.
Bottom Fan Issue	The bottom fan is not operating within its normal parameters.
Calculated Next Maintenance Month	Calculated month of the next scheduled maintenance. Used in conjunction with [Calculated

	Next Maintenance Year].
Calculated Next Maintenance Year	Calculated year of the next scheduled maintenance. Used in conjunction with [Calculated Next Maintenance Month].
Chilled Water Control Valve Position	Chilled water valve out of position. Chilled water control valve position does not match expected value.
Clogged Air Filter	Air filter is dirty and needs to be (cleaned or) replaced.
Compressor 1 High Head Pressure	Compressor 1 high head pressure.
Compressor 1 High Pressure Transducer Issue	Compressor 1 high pressure transducer is disconnected or the signal is out of range.
Compressor 1 Hours Exceeded	Operating hours for compressor 1 have exceeded the threshold.
Compressor 1 Low Pressure Transducer Issue	Compressor 1 low pressure transducer is disconnected or the signal is out of range.
Compressor 1 Low Suction Pressure	Compressor 1 low suction pressure.
Compressor 1 Pump Down Issue	Unable to pump down suction-side pressure during compressor 1 shutdown.
Compressor 1 Short Cycle	Compressor 1 short cycle. A short cycle is defined as turning on and off a number of times over a set time period.
Compressor Utilization	Present compressor utilization expressed as a percentage of the maximum rated capacity.
Condenser 1 Issue - Event Control	Enable/disable the activation of the [Condenser 1 Issue] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Condenser 1 Issue - Event Type	The event type for the [Condenser 1 Issue] event.
Condenser 1 Issue	Condenser 1 is not operating within its normal parameters.
Condenser TVSS Issue - Event Control	Enable/disable the activation of the [Condenser TVSS Issue] event (Transient Voltage Surge Suppressor). If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Condenser TVSS Issue - Event Type	The event type for the [Condenser TVSS Issue] event (Transient Voltage Surge Suppressor).
Condenser TVSS Issue	The condenser Transient Voltage Surge Suppressor device has failed.
Condenser VFD Issue - Event Control	Enable/disable the activation of the [Condenser VFD Issue] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Condenser VFD Issue - Event Type	The event type for the [Condenser VFD Issue] event.
Condenser VFD Issue	The condenser fan Variable Frequency Drive is offline.
Cooling Proportional Band	Temperature control band above [Air Temperature Set Point]. If measured air temperature is within this band, cooling operations are proportionally controlled.
Customer Input 1 - Event Control	Enable/disable the activation of the [Customer Input 1] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Customer Input 1 - Event Type	The event type for the [Customer Input 1] event.
Customer Input 1	Customer Input 1.
Customer Input 2 - Event Control	Enable/disable the activation of the [Customer Input 2] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Customer Input 2 - Event Type	The event type for the [Customer Input 2] event.
Customer Input 2	Customer input 2.
Customer Input 3 - Event Control	Enable/disable the activation of the [Customer Input 3] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in

	any event history list.
Customer Input 3 - Event Type	The event type for the [Customer Input 3] event.
Customer Input 3	Customer input 3.
Customer Input 4 - Event Control	Enable/disable the activation of the [Customer Input 4] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Customer Input 4 - Event Type	The event type for the [Customer Input 4] event.
Customer Input 4	Customer input 4.
Dehumidification Proportional Band	Humidity control band above [Humidity Set Point]. If measured humidity is within this band, dehumidification operations are proportionally controlled.
Dehumidifier Hours Exceeded	Operating hours for the dehumidifier have exceeded the threshold.
Dehumidifier Utilization	Present dehumidifier utilization expressed as a percentage of the maximum rated capacity.
Dig Scroll Comp 1 Over Temp	Digital scroll compressor 1 shut off because its head temperature has exceeded the upper threshold.
Dig Scroll Comp 1 Temp Sensor Issue	Digital scroll compressor 1 temperature sensor is disconnected or the signal is out of range.
Electric Reheater Hours Exceeded	Operating hours for electric reheater have exceeded the threshold.
Ext Compressor Lockout - Event Control	Enable/disable the activation of the [Ext Compressor Lockout] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Ext Compressor Lockout - Event Type	The event type for the [Ext Compressor Lockout] event.
Ext Compressor Lockout	The compressor is shut down and disabled by an external input signal.
Ext Condenser Pump High Water	High water is detected in the condenser, as indicated by an external input signal.
Ext Humidifier Lockout - Event Control	Enable/disable the activation of the [Ext Humidifier Lockout] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Ext Humidifier Lockout - Event Type	The event type for the [Ext Humidifier Lockout] event.
Ext Humidifier Lockout	The humidifier is shut down and disabled by an external input signal.
Ext Loss of Flow - Event Control	Enable/disable the activation of the [Ext Loss of Flow] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Ext Loss of Flow - Event Type	The event type for the [Ext Loss of Flow] event.
Ext Loss of Flow	Loss of flow is detected, as indicated by an external input signal.
Ext Over Temperature - Event Control	Enable/disable the activation of the [Ext Over Temperature] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Ext Over Temperature - Event Type	The event type for the [Ext Over Temperature] event.
Ext Over Temperature	A temperature has exceeded its threshold, as indicated by an external input signal.
Ext Reheat Lockout - Event Control	Enable/disable the activation of the [Ext Reheat Lockout] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Ext Reheat Lockout - Event Type	The event type for the [Ext Reheat Lockout] event.
Ext Reheat Lockout	The reheater is shut down and disabled by an external input signal.
Ext Standby Glycol Pump On	The standby glycol pump is on, as indicated by an external input signal.
External Fire Detected	Fire detected, as indicated by an external input signal.
Fan Control Mode	Fan control mode.

Fan Control Sensor	Sensor from which air temperature measurements will be used for fan speed control.
Fan Hours Exceeded	Operating hours for the unit blower fan have exceeded the threshold.
Fan Speed Manual Set Point	Manual fan speed.
Fan Speed Maximum Set Point	Maximum fan speed.
Fan Speed Minimum Set Point	Minimum fan speed.
Fan Speed Proportional Band	Temperature control band above the temperature set point calculated for proportional fan speed control. If measured air temperature is within this band, fan speed operations are proportionally controlled.
Fan Speed	Fan speed expressed as a percentage of the maximum rated speed.
Heating Proportional Band	Temperature control band below [Air Temperature Set Point]. If measured air temperature is within this band, heating operations are proportionally controlled.
High Power Shutdown	Supply to high power components has been shutdown.
High Return Humidity Threshold	Threshold value used in the [High Return Humidity] event.
High Return Humidity	[Return Humidity] has exceeded [High Return Humidity Threshold].
Humidification Proportional Band	Humidity control band below [Humidity Set Point]. If measured humidity is within this band, humidification operations are proportionally controlled.
Humidifier Control Board Not Detected	Humidifier control board is required to be connected, but no signal is detected.
Humidifier Cylinder Worn	Humidifier cylinder is not operating properly and needs to be replaced.
Humidifier Hours Exceeded	Operating hours for the humidifier have exceeded the threshold.
Humidifier Issue	Humidifier issue detected, causing it to be locked out.
Humidifier Low Water	The water level in the humidifier has dropped below its threshold.
Humidifier Over Current	The electrical current to the humidifier has exceeded its upper threshold.
Humidifier Under Current	The electrical current to the humidifier has dropped below its lower threshold.
Humidifier Utilization	Present humidifier utilization expressed as a percentage of the maximum rated capacity.
Humidity Dead Band	Value that is divided evenly to form a range above and below [Humidity Set Point]. If measured humidity is within this range, no humidification or dehumidification will occur.
Humidity Set Point	Desired relative humidity.
Loss of Air Flow	No air flow through the unit due to failure of all fans.
Low Return Humidity Threshold	Threshold value used in the [Low Return Humidity] event.
Low Return Humidity	[Return Humidity] has dropped below [Low Return Humidity Threshold].
Maintenance Completed	Maintenance has been completed on the unit.
Maintenance Due	The calculated maintenance date has been reached.
Maintenance Ramp	The ratio of operations performed to the calculated operations available between maintenance intervals.
Master Unit Communication Lost	Communication with master unit has been lost.
Operating Efficiency	The ratio of cooling energy provided to the amount of total energy being used.
RAM Battery Issue	RAM or RAM backup battery is not operating correctly.
Reheat Utilization	Present reheating utilization expressed as a percentage of the maximum rated capacity.
Reheater Over Temperature	The temperature of the reheater has exceeded its threshold.
Remote Sensor Average Temperature	Average value of remote sensor temperature measurements.
Remote Sensor Function	Function assigned to remote sensor.
Remote Sensor Issue	Remote sensor is disconnected or the signal is out of range.

Remote Sensor Maximum Temperature	Maximum value of remote sensor temperature measurements.
Remote Sensor Minimum Temperature	Minimum value of remote sensor temperature measurements.
Remote Sensor Temperature Calculation	Calculation method applied to temperature readings from the remote sensors to determine a single temperature measurement value for cooling and heating control.
Remote Sensor Temperature	Air temperature as measured by remote sensor.
Return Air Over Temp Threshold	Threshold value used in the [Return Air Over Temperature] event.
Return Air Over Temperature	[Return Air Temperature] has exceeded [Return Air Over Temp Threshold].
Return Air Sensor Issue	The air sensor at the inlet of the unit is disconnected or the signal is out of range.
Return Air Temperature	The temperature of the inlet air
Return Dew Point	Dew point temperature measured at the inlet of the unit.
Return Humidity Out Of Proportional Band	[Return Humidity] has exceeded the upper limit of [Dehumidification Proportional Band], or has dropped below the lower limit of [Humidification Proportional Band]], for an extended period of time.
Return Humidity	Relative humidity measured at the inlet of the unit.
Server Class	The general classification for this system
Service Required - Event Control	Enable/disable the activation of the [Service Required] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Service Required - Event Type	The event type for the [Service Required] event.
Service Required	Unit requires servicing.
Shutdown - Loss Of Power - Event Control	Enable/disable the activation of the [Shutdown - Loss Of Power] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Shutdown - Loss Of Power - Event Type	The event type for the [Shutdown - Loss Of Power] event.
Shutdown - Loss Of Power	System lost power. This event becomes active when the unit is powered on following an unexpected loss of power.
Smoke Detected - Event Control	Enable/disable the activation of the [Smoke Detected] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Smoke Detected - Event Type	The event type for the [Smoke Detected] event.
Smoke Detected	Smoke detected.
Supply Air Over Temp Threshold	Threshold value used in the [Supply Air Over Temperature] event.
Supply Air Over Temperature	[Supply Air Temperature] has exceeded [Supply Air Over Temp Threshold].
Supply Air Sensor Issue	The air sensor at the outlet of the unit is disconnected or the signal is out of range.
Supply Air Temperature	Air temperature measured at the outlet of the unit.
Supply Air Under Temp Threshold	Threshold value used in the [Supply Air Under Temperature] event.
Supply Air Under Temperature	[Supply Air Temperature] has dropped below [Supply Air Under Temp Threshold].
Supply Chilled Water Loss of Flow	Supply chilled water flow is too low.
Supply Chilled Water Over Temp Threshold	Threshold value used in the [Supply Chilled Water Over Temp] event.
Supply Chilled Water Over Temp	[Supply Chilled Water Temperature] has exceeded [Supply Chilled Water Over Temp Threshold].
Supply Chilled Water Temperature	Supply chilled water temperature.

Supply Fluid Temp Sensor Issue	The supply fluid temperature sensor is disconnected or the signal is out of range.
Supply Humidity	Relative humidity at the outlet of the unit.
System Control Mode	System control mode.
System Date and Time	The system date and time
System Event Acknowledge/Reset	Reset and/or acknowledge all events.
System On/Off Control	Turn system functionality on or off.
System Operating State Reason	The reason the system is in the current operating state.
System Operating State	Current operating state of the system.
System Status	The operating status for the system
Top Fan Issue	The top fan is not operating within its normal parameters.
Unit Off	Unit was turned off.
Unit On	Unit was turned on.
Unit Partial Shutdown	An event has occurred requiring some system components to be shutdown and disabled.
Unit Shutdown	An event has occurred requiring the unit to be shutdown and disabled to prevent damage to the system.
Unit Standby	Unit was placed in standby mode.
Water Leakage Detector Sensor Issue	The water leakage detector sensor is disconnected or the signal is out of range.
Water Under Floor - Event Control	Enable/disable the activation of the [Water Under Floor] event. If set to 'disabled', the event will not be annunciated. This implies that the event will not be placed in any active event list or in any event history list.
Water Under Floor - Event Type	The event type for the [Water Under Floor] event.
Water Under Floor	Water under the floor is detected.