

Version 2.16 dap4 Side					BMS Side			
Index	Description	Read/Write	Variable Name	Data Type	Modbus RTU	Modbus TCP/IP	BACNet	SNMP
1	Temperature of Return air	R	Ret_Air_Tmp	A	30002	30002	AV1	1.3.6.1.4.1.9839.2.1.2.1.0
2	Maximum Return air temp in last 24hrs	R	Maximum	A	30003	30003	AV2	1.3.6.1.4.1.9839.2.1.2.2.0
3	Minimum Return air temp in last 24hrs	R	Minimum	A	30004	30004	AV3	1.3.6.1.4.1.9839.2.1.2.3.0
4	Temperature setpoint	R/W	Temp_Setpoint	A	40005	40005	AV4	1.3.6.1.4.1.9839.2.1.2.4.0
5	Amount from setpoint to stage first compressor or heater	R/W	Cool_Deadband	A	40006	40006	AV5	1.3.6.1.4.1.9839.2.1.2.5.0
6	Humidity sensor calibration	R/W	Humidity_AI_offset	A	40007	40007	AV6	1.3.6.1.4.1.9839.2.1.2.6.0
7	Return Air Temperature sensor calibration	R/W	Return_AI_offset	A	40008	40008	AV7	1.3.6.1.4.1.9839.2.1.2.7.0
8	Temperature of chilled for water-side economizer	R	CW_Tmp	A	30009	30009	AV8	1.3.6.1.4.1.9839.2.1.2.8.0
9	Temperature of Discharge air	R	Disch_Air_Tmp	A	30010	30010	AV9	1.3.6.1.4.1.9839.2.1.2.9.0
10	C2 Hot Gas Temp	R	C2_Hot_Gas_Temp	A	30011	30011	AV10	1.3.6.1.4.1.9839.2.1.2.10.0
11	Chilled Water Temperature Sensor Calibration	R/W	Ain_offs	A	40012	40012	AV11	1.3.6.1.4.1.9839.2.1.2.11.0
12	Temperature limit chilled water can be used for energy saver	R/W	EngSaver_Setpoint	A	40013	40013	AV12	1.3.6.1.4.1.9839.2.1.2.12.0
13	Value of the optional analog input 1	R	Opt1_Analog	A	30014	30014	AV13	1.3.6.1.4.1.9839.2.1.2.13.0
14	Value of the optional analog input 2	R	Opt2_Analog	A	30015	30015	AV14	1.3.6.1.4.1.9839.2.1.2.14.0
15	Value of the optional analog input 3	R	Opt3_Analog	A	30016	30016	AV15	1.3.6.1.4.1.9839.2.1.2.15.0
16	Value of the optional analog input 4	R	Opt4_Analog	A	30017	30017	AV16	1.3.6.1.4.1.9839.2.1.2.16.0
17	Analog Sensor 1 Minimum Value	R/W	Y1	A	40018	40018	AV17	1.3.6.1.4.1.9839.2.1.2.17.0
18	Analog Sensor 1 Maximum Value	R/W	Y2	A	40019	40019	AV18	1.3.6.1.4.1.9839.2.1.2.18.0
19	Analog Sensor 1 Calibration	R/W	Ain_offs	A	40020	40020	AV19	1.3.6.1.4.1.9839.2.1.2.19.0
20	Analog Sensor 2 Minimum Value	R/W	Y1	A	40021	40021	AV20	1.3.6.1.4.1.9839.2.1.2.20.0
21	Analog Sensor 2 Maximum Value	R/W	Y2	A	40022	40022	AV21	1.3.6.1.4.1.9839.2.1.2.21.0
22	Analog Sensor 2 Calibration	R/W	Ain_offs	A	40023	40023	AV22	1.3.6.1.4.1.9839.2.1.2.22.0
23	Analog Sensor 3 Minimum Value	R/W	Y1	A	40024	40024	AV23	1.3.6.1.4.1.9839.2.1.2.23.0
24	Analog Sensor 3 Maximum Value	R/W	Y2	A	40025	40025	AV24	1.3.6.1.4.1.9839.2.1.2.24.0
25	Analog Sensor 3 Calibration	R/W	Ain_offs	A	40026	40026	AV25	1.3.6.1.4.1.9839.2.1.2.25.0
26	Analog Sensor 4 Minimum Value	R/W	Y1	A	40027	40027	AV26	1.3.6.1.4.1.9839.2.1.2.26.0
27	Analog Sensor 4 Maximum Value	R/W	Y2	A	40028	40028	AV27	1.3.6.1.4.1.9839.2.1.2.27.0
28	Calibration for Option 4 sensor	R/W	Opt4_AI_offset	A	40029	40029	AV28	1.3.6.1.4.1.9839.2.1.2.28.0
29	EVD Pressure Sensor calibration	R	EVO_S1_Offset	A	30030	30030	AV29	1.3.6.1.4.1.9839.2.1.2.29.0
30	EVD Temperature Sensor calibration	R	EVO_S2_Offset	A	30031	30031	AV30	1.3.6.1.4.1.9839.2.1.2.30.0
31	HGRH band setting for PID modulation	R/W	HGRH_Band	A	40032	40032	AV31	1.3.6.1.4.1.9839.2.1.2.31.0
32	Temperature band for economizer modulation	R/W	AE_Temp_Band	A	40033	40033	AV32	1.3.6.1.4.1.9839.2.1.2.32.0
33	Amount temp must change for each stage of heat or cool	R/W	Stage_sp	A	40034	40034	AV33	1.3.6.1.4.1.9839.2.1.2.33.0
34	Dewpoint setpoint for economizer	R/W	Dewpoint_HI_SP	A	40035	40035	AV34	1.3.6.1.4.1.9839.2.1.2.34.0
35	Deadband of high dewpoint	R/W	Dewpoint_HI_Dband	A	40036	40036	AV35	1.3.6.1.4.1.9839.2.1.2.35.0
36	Lower limit of dewpoint for humidifier	R/W	Dewpoint_Lo_SP	A	40037	40037	AV36	1.3.6.1.4.1.9839.2.1.2.36.0
37	Low dewpoint deadband for humidifier	R/W	Dewpoint_Lo_Dband	A	40038	40038	AV37	1.3.6.1.4.1.9839.2.1.2.37.0
38	Deadband of enthalpy for economizer	R/W	Enthalpy_Deadband	A	40039	40039	AV38	1.3.6.1.4.1.9839.2.1.2.38.0
39	Outside Air Temperature sensor calibration	R/W	Ain_offs	A	40040	40040	AV39	1.3.6.1.4.1.9839.2.1.2.39.0
40	Temperature of Outside air	R	Outside_Temp	A	30041	30041	AV40	1.3.6.1.4.1.9839.2.1.2.40.0
41	Dew point of Outside air	R	Outside_Dewpt	A	30042	30042	AV41	1.3.6.1.4.1.9839.2.1.2.41.0
42	Dew point of Return air	R	Ret_Air_Dewpt	A	30043	30043	AV42	1.3.6.1.4.1.9839.2.1.2.42.0
43	Setpoint for fan modulation by return or rack temperature	R/W	RA_Fan_Setpoint	A	40044	40044	AV43	1.3.6.1.4.1.9839.2.1.2.43.0
44	Amount from setpoint before fan starts ramping up	R/W	RA_Fan_Deadband	A	40045	40045	AV44	1.3.6.1.4.1.9839.2.1.2.44.0
45	Calculated rack temp of this unit	R	Rack_Temp	A	30046	30046	AV45	1.3.6.1.4.1.9839.2.1.2.45.0
46	Calculated rack temp of all units in this zone	R	Zone_Rack_Temp	A	30047	30047	AV46	1.3.6.1.4.1.9839.2.1.2.46.0
47	T1 displayed value regardless of inclusion	R	T1_Displ	A	30048	30048	AV47	1.3.6.1.4.1.9839.2.1.2.47.0
48	T2 displayed value regardless of inclusion	R	T2_Displ	A	30049	30049	AV48	1.3.6.1.4.1.9839.2.1.2.48.0
49	T3 displayed value regardless of inclusion	R	T3_Displ	A	30050	30050	AV49	1.3.6.1.4.1.9839.2.1.2.49.0
50	Temperature setpoint of the Zone Master	R	Master_Temp_Setpoint	A	30051	30051	AV50	1.3.6.1.4.1.9839.2.1.2.50.0
51	Superheat read from EVD C1	R	EVO_Superheat	A	30052	30052	AV51	1.3.6.1.4.1.9839.2.1.2.51.0
52	Valve position read from EVD in % (100.0= full open C1)	R	EVO_Position	A	30053	30053	AV52	1.3.6.1.4.1.9839.2.1.2.52.0
53	Suction line pressure in PSI from EVD C1	R	EVO_Suction_Pr	A	30054	30054	AV53	1.3.6.1.4.1.9839.2.1.2.53.0
54	Suction line temperature from EVD C1	R	Suc_Temp	A	30055	30055	AV54	1.3.6.1.4.1.9839.2.1.2.54.0
55	Power in KW currently being consumed in the zone	R	Zone_KW	A	30056	30056	AV55	1.3.6.1.4.1.9839.2.1.2.55.0
56	Model 0= DA gForce 1= DA Series 2= InRow Cool 3=gForceR DX 4=gForceUltra 5=gPOD 6=MINI-PLUS 7=MINI 8=LCS	R	BMS_Model	A	30057	30057	AV56	1.3.6.1.4.1.9839.2.1.2.56.0
57	Amount in 1 sec that fan can change (IRDX and mod to rack only)	R/W	Fan_Rate	A	40058	40058	AV57	1.3.6.1.4.1.9839.2.1.2.57.0
58	Temp band for CW modulation	R/W	Temp_Band	A	40059	40059	AV58	1.3.6.1.4.1.9839.2.1.2.58.0
59	Setpoint for delta of Ret-Discharge temp for fan modulation (IRDX only)	R/W	Delta_SP	A	40060	40060	AV59	1.3.6.1.4.1.9839.2.1.2.59.0
60	Temperature setpoint offset based on humidity (IRDX only)	R	Latent_SP	A	30061	30061	AV60	1.3.6.1.4.1.9839.2.1.2.60.0
61	Return temp minus the Discharge temp	R	Delta_Temp	A	30062	30062	AV61	1.3.6.1.4.1.9839.2.1.2.61.0
62	Scheduler heating setpoint	R/W	Ht_Temp_sp_setback	A	40063	40063	AV62	1.3.6.1.4.1.9839.2.1.2.62.0
63	Total Instantaneous power in watts (X10) being consumed now	R	PM_Power_WA	A	30064	30064	AV63	1.3.6.1.4.1.9839.2.1.2.63.0
64	Suction line pressure of C2 in PSI from EVD	R	EVO2_Suction_Pr	A	30065	30065	AV64	1.3.6.1.4.1.9839.2.1.2.64.0
65	Superheat of C2 read from EVD	R	EVO2_Superheat	A	30066	30066	AV65	1.3.6.1.4.1.9839.2.1.2.65.0
66	EVD Valve position of C2 read from EVD in % (100.0= full open)	R	EVO2_Position	A	30067	30067	AV66	1.3.6.1.4.1.9839.2.1.2.66.0
67	Suction line temperature of C2 from EVD	R	Suc_Temp2	A	30068	30068	AV67	1.3.6.1.4.1.9839.2.1.2.67.0
68	T4 displayed value regardless of inclusion	R	T4_Displ	A	30069	30069	AV68	1.3.6.1.4.1.9839.2.1.2.68.0
69	T5 displayed value regardless of inclusion	R	T5_Displ	A	30070	30070	AV69	1.3.6.1.4.1.9839.2.1.2.69.0
70	T6 displayed value regardless of inclusion	R	T6_Displ	A	30071	30071	AV70	1.3.6.1.4.1.9839.2.1.2.70.0
71	T7 displayed value regardless of inclusion	R	T7_Displ	A	30072	30072	AV71	1.3.6.1.4.1.9839.2.1.2.71.0
72	T8 displayed value regardless of inclusion	R	T8_Displ	A	30073	30073	AV72	1.3.6.1.4.1.9839.2.1.2.72.0
73	T9 displayed value regardless of inclusion	R	T9_Displ	A	30074	30074	AV73	1.3.6.1.4.1.9839.2.1.2.73.0
74	T10 displayed value regardless of inclusion	R	T10_Displ	A	30075	30075	AV74	1.3.6.1.4.1.9839.2.1.2.74.0
75	T11 displayed value regardless of inclusion	R	T11_Displ	A	30076	30076	AV75	1.3.6.1.4.1.9839.2.1.2.75.0
76	T12 displayed value regardless of inclusion	R	T12_Displ	A	30077	30077	AV76	1.3.6.1.4.1.9839.2.1.2.76.0
77	T13 displayed value regardless of inclusion	R	T13_Displ	A	30078	30078	AV77	1.3.6.1.4.1.9839.2.1.2.77.0
78	T14 displayed value regardless of inclusion	R	T14_Displ	A	30079	30079	AV78	1.3.6.1.4.1.9839.2.1.2.78.0
79	T15 displayed value regardless of inclusion	R	T15_Displ	A	30080	30080	AV79	1.3.6.1.4.1.9839.2.1.2.79.0
80	T16 displayed value regardless of inclusion	R	T16_Displ	A	30081	30081	AV80	1.3.6.1.4.1.9839.2.1.2.80.0
81	T17 displayed value regardless of inclusion	R	T17_Displ	A	30082	30082	AV81	1.3.6.1.4.1.9839.2.1.2.81.0
82	T18 displayed value regardless of inclusion	R	T18_Displ	A	30083	30083	AV82	1.3.6.1.4.1.9839.2.1.2.82.0
83	T19 displayed value regardless of inclusion	R	T19_Displ	A	30084	30084	AV83	1.3.6.1.4.1.9839.2.1.2.83.0
84	T20 displayed value regardless of inclusion	R	T20_Displ	A	30085	30085	AV84	1.3.6.1.4.1.9839.2.1.2.84.0
85	VFD power in kilowatts	R	VFD_Power_Kw	A	30086	30086	AV85	1.3.6.1.4.1.9839.2.1.2.85.0
86	VFD current in Amps	R	VFD_Amps	A	30087	30087	AV86	1.3.6.1.4.1.9839.2.1.2.86.0
87	CW valve 1 position from analog input	R	Valve_Pos	A	30088	30088	AV87	1.3.6.1.4.1.9839.2.1.2.87.0
88	CW valve 2 position from analog input	R	Valve2_Pos	A	30089	30089	AV88	1.3.6.1.4.1.9839.2.1.2.88.0
89	C2 VFD current in Amps	R	C2_VFD_Amps	A	30090	30090	AV89	1.3.6.1.4.1.9839.2.1.2.89.0
90	C2 VFD power in kilowatts	R	C2_VFD_Power_Kw	A	30091	30091	AV90	1.3.6.1.4.1.9839.2.1.2.90.0
91	Air pressure sensor calibration	R/W	AirPr_AI_offset	A	40092	40092	AV91	1.3.6.1.4.1.9839.2.1.2.91.0
93	Discharge air sensor calibration	R/W	DAT_AI_offset	A	40094	40094	AV93	1.3.6.1.4.1.9839.2.1.2.93.0
97	Heating deadband	R/W	Heat_Deadband	A	40098	40098	AV97	1.3.6.1.4.1.9839.2.1.2.97.0
98	Excludes rack sensors outside the average plus or minus this band	R/W	Rack_Exc_Band	A	40099	40099	AV98	1.3.6.1.4.1.9839.2.1.2.98.0
99	Differential pressure (.01" Water) used for fan speed modulation	R	Air_Pressure	A	30100	30100	AV99	1.3.6.1.4.1.9839.2.1.2.99.0
100	Average temperature of sensors in Group A	R	Group_Temp_A	A	30101	30101	AV100	1.3.6.1.4.1.9839.2.1.2.100.0
101	Average temperature of sensors in Group B	R	Group_Temp_B	A	30102	30102	AV101	1.3.6.1.4.1.9839.2.1.2.101.0
102	Average temperature of sensors in Group C	R	Group_Temp_C	A	30103	30103	AV102	1.3.6.1.4.1.9839.2.1.2.102.0
103	Average temperature of sensors in Group D	R	Group_Temp_D	A	30104	30104	AV103	1.3.6.1.4.1.9839.2.1.2.103.0
104	Average temperature of sensors in Group E	R	Group_Temp_E	A	30105	30105	AV104	1.3.6.1.4.1.9839.2.1.2.104.0
105	Average temperature of sensors in Group F	R	Group_Temp_F	A	30106	30106	AV105	1.3.6.1.4.1.9839.2.1.2.105.0
106	Average temperature of sensors in Group G	R	Group_Temp_G	A	30107	30107	AV106	1.3.6.1.4.1.9839.2.1.2.106.0
107	Average temperature of sensors in Group H	R	Group_Temp_H	A	30108	30108	AV107	1.3.6.1.4.1.9839.2.1.2.107.0
108	Average temperature of sensors in Group I	R	Group_Temp_I	A	30109	30109	AV108	1.3.6.1.4.1.9839.2.1.2.108.0
109	Average temperature of sensors in Group J	R	Group_Temp_J	A	30110	30110	AV109	1.3.6.1.4.1.9839.2.1.2.109.0
116	Calculated rack temp of unit 2	R	Rack_Temp_U2	A	30117	30117	AV116	1.3.6.1.4.1.9839.2.1.2.116.0
117	Calculated rack temp of unit 3	R						

134	Offset from setpoint where fixed comp will turn off (when used with variable)	R/W	C2_Off_ofs	A	40135	40135	AV134	1.3.6.1.4.1.9839.2.1.2.134.0
135	Heating setpoint (can change via setback clock)	R	Heat_sp	A	30136	30136	AV135	1.3.6.1.4.1.9839.2.1.2.135.0
136	Maximum CO2 level in last 24 Hrs	R	CO2_Maximum	A	30137	30137	AV136	1.3.6.1.4.1.9839.2.1.2.136.0
137	Minimum CO2 level in last 24 Hrs	R	CO2_Minimum	A	30138	30138	AV137	1.3.6.1.4.1.9839.2.1.2.137.0
138	CO2 valve minimum on time	R/W	CO2_Min_On_Dly	A	40139	40139	AV138	1.3.6.1.4.1.9839.2.1.2.138.0
139	C1 Subcooling temp	R	C1_SubCooling	A	30140	30140	AV139	1.3.6.1.4.1.9839.2.1.2.139.0
140	C2 Subcooling temp	R	C2_SubCooling	A	30141	30141	AV140	1.3.6.1.4.1.9839.2.1.2.140.0
141	Temperature of U2	R	Ret_Air_Tmp2	A	30142	30142	AV141	1.3.6.1.4.1.9839.2.1.2.141.0
142	Temperature of U3	R	Ret_Air_Tmp3	A	30143	30143	AV142	1.3.6.1.4.1.9839.2.1.2.142.0
143	Temperature of U4	R	Ret_Air_Tmp4	A	30144	30144	AV143	1.3.6.1.4.1.9839.2.1.2.143.0
144	Temperature of U5	R	Ret_Air_Tmp5	A	30145	30145	AV144	1.3.6.1.4.1.9839.2.1.2.144.0
145	Temperature of U6	R	Ret_Air_Tmp6	A	30146	30146	AV145	1.3.6.1.4.1.9839.2.1.2.145.0
146	Temperature of U7	R	Ret_Air_Tmp7	A	30147	30147	AV146	1.3.6.1.4.1.9839.2.1.2.146.0
147	Temperature of U8	R	Ret_Air_Tmp8	A	30148	30148	AV147	1.3.6.1.4.1.9839.2.1.2.147.0
148	Temperature of U9	R	Ret_Air_Tmp9	A	30149	30149	AV148	1.3.6.1.4.1.9839.2.1.2.148.0
149	Temperature of U10	R	Ret_Air_Tmp10	A	30150	30150	AV149	1.3.6.1.4.1.9839.2.1.2.149.0
150	Temperature of U11	R	Ret_Air_Tmp11	A	30151	30151	AV150	1.3.6.1.4.1.9839.2.1.2.150.0
151	Temperature of U12	R	Ret_Air_Tmp12	A	30152	30152	AV151	1.3.6.1.4.1.9839.2.1.2.151.0
152	Temperature of U13	R	Ret_Air_Tmp13	A	30153	30153	AV152	1.3.6.1.4.1.9839.2.1.2.152.0
153	Temperature of U14	R	Ret_Air_Tmp14	A	30154	30154	AV153	1.3.6.1.4.1.9839.2.1.2.153.0
154	Temperature of U15	R	Ret_Air_Tmp15	A	30155	30155	AV154	1.3.6.1.4.1.9839.2.1.2.154.0
155	Temperature of U16	R	Ret_Air_Tmp16	A	30156	30156	AV155	1.3.6.1.4.1.9839.2.1.2.155.0
156	Band of temperature added to allow ES before DX in Zone Master	R/W	DX_Assist_Band	A	40157	40157	AV156	1.3.6.1.4.1.9839.2.1.2.156.0
157	C2 Liquid line temperature	R	C2_LL_Temp	A	30158	30158	AV157	1.3.6.1.4.1.9839.2.1.2.157.0
158	Voltage of phase 1 to neutral (Opt Pwr Meter)	R	PM_Phase1N_Voltage	A	30159	30159	AV158	1.3.6.1.4.1.9839.2.1.2.158.0
159	Voltage of phase 2 to neutral (Opt Pwr Meter)	R	PM_Phase2N_Voltage	A	30160	30160	AV159	1.3.6.1.4.1.9839.2.1.2.159.0
160	Voltage of phase 3 to neutral (Opt Pwr Meter)	R	PM_Phase3N_Voltage	A	30161	30161	AV160	1.3.6.1.4.1.9839.2.1.2.160.0
161	Voltage of phase 1 to phase 2 (Opt Pwr Meter)	R	PM_Phase12_Voltage	A	30162	30162	AV161	1.3.6.1.4.1.9839.2.1.2.161.0
162	Voltage of phase 2 to phase 3 (Opt Pwr Meter)	R	PM_Phase23_Voltage	A	30163	30163	AV162	1.3.6.1.4.1.9839.2.1.2.162.0
163	Voltage of phase 3 to phase 1 (Opt Pwr Meter)	R	PM_Phase31_Voltage	A	30164	30164	AV163	1.3.6.1.4.1.9839.2.1.2.163.0
164	Amperage of phase 1 (Opt Pwr Meter)	R	Phase1_Amps	A	30165	30165	AV164	1.3.6.1.4.1.9839.2.1.2.164.0
165	Amperage of phase 2 (Opt Pwr Meter)	R	Phase2_Amps	A	30166	30166	AV165	1.3.6.1.4.1.9839.2.1.2.165.0
166	Amperage of phase 3 (Opt Pwr Meter)	R	Phase3_Amps	A	30167	30167	AV166	1.3.6.1.4.1.9839.2.1.2.166.0
167	Power Factor as a ratio 1.0.xxx (Opt Pwr Meter)	R	Power_Factor	A	30168	30168	AV167	1.3.6.1.4.1.9839.2.1.2.167.0
168	Total kWh used one hour ago (Opt Pwr Meter)	R	KWH	A	30169	30169	AV168	1.3.6.1.4.1.9839.2.1.2.168.0
169	Total kWh used so far today (Opt Pwr Meter)	R	Kwh_Daily	A	30170	30170	AV169	1.3.6.1.4.1.9839.2.1.2.169.0
170	Total kWh used one day ago (Opt Pwr Meter)	R	Kwh_Day_1	A	30171	30171	AV170	1.3.6.1.4.1.9839.2.1.2.170.0
171	Temperature of Optional Sensor #5 (If Opt pCOe is installed)	R	Opt5_analog	A	30172	30172	AV171	1.3.6.1.4.1.9839.2.1.2.171.0
172	Cooling setpoint of scheduler during setback	R/W	CL_Temp_sp_setback	A	40173	40173	AV172	1.3.6.1.4.1.9839.2.1.2.172.0
173	Air pressure setpoint inches of water	R/W	Air_Pr_Sp	A	40174	40174	AV173	1.3.6.1.4.1.9839.2.1.2.173.0
174	Software version loaded on the controller (this list written for SW ver shown on header line)	R	Dap4_SW_Ver	A	30175	30175	AV174	1.3.6.1.4.1.9839.2.1.2.174.0
176	Lowest outside air temp that can be used for airside economizer	R/W	AE_OAT_Lo_SP	A	40177	40177	AV176	1.3.6.1.4.1.9839.2.1.2.176.0
177	Highest outside air temp that can be used for airside economizer (fixed drybulb mode)	R/W	AE_OAT_Hi_SP	A	40178	40178	AV177	1.3.6.1.4.1.9839.2.1.2.177.0
178	Highest outside air enthalpy that can be used for airside economizer (fixed enthalpy mode)	R/W	AE_Enthalpy_Hi_SP	A	40179	40179	AV178	1.3.6.1.4.1.9839.2.1.2.178.0
179	Minimum recorded OAT in last 24 Hrs	R	OAT_Min	A	30180	30180	AV179	1.3.6.1.4.1.9839.2.1.2.179.0
180	Maximum recorded OAT in last 24 Hrs	R	OAT_Max	A	30181	30181	AV180	1.3.6.1.4.1.9839.2.1.2.180.0
181	OA Temp deadband for airside economiser	R/W	AE_OAT_Deadband	A	40182	40182	AV181	1.3.6.1.4.1.9839.2.1.2.181.0
195	LON ONLY - Return Air Temp (Cenigrade)	R	None	A				
196	LON ONLY - Return Air Temp 24Hr Minimum (Cenigrade)	R	None	A				
197	LON ONLY - Return Air Temp 24Hr Maximum (Cenigrade)	R	None	A				
198	LON ONLY - Temperature Setpoint (Cenigrade)	R/W	None	A				
199	LON ONLY - Chilled Water Temp (Cenigrade)	R	None	A				
200	LON ONLY - Supply Air Temp (Cenigrade)	R	None	A				
201	C1 Liquid Line Temperature	R	C1_LL_Temp	A	30202	30202	AV201	1.3.6.1.4.1.9839.2.1.2.201.0
202	Hot Gas Temperature read by opt anlg input	R	Hot_Gas_Temp	A	30203	30203	AV202	1.3.6.1.4.1.9839.2.1.2.202.0
203	Evaporator Temp send from EVD	R	EVO_Evap_Temp	A	30204	30204	AV203	1.3.6.1.4.1.9839.2.1.2.203.0
204	C1 Discharge Temp (calculated from press)	R	C1_Disch_Temp	A	30205	30205	AV204	1.3.6.1.4.1.9839.2.1.2.204.0
214	Current in Amps for Evap Fan1 (diagnostic)	R	EvapFan1_Amps	A	30215	30215		1.3.6.1.4.1.9839.2.1.2.214.0
215	Supply voltage for Evap Fan1 (diagnostic)	R	EvapFan1_VRMS	A	30216	30216		1.3.6.1.4.1.9839.2.1.2.215.0
216	Current in Amps for Evap Fan2 (diagnostic)	R	EvapFan2_Amps	A	30217	30217		1.3.6.1.4.1.9839.2.1.2.216.0
217	Supply voltage for Evap Fan2 (diagnostic)	R	EvapFan2_VRMS	A	30218	30218		1.3.6.1.4.1.9839.2.1.2.217.0
218	Current in Amps for Evap Fan3 (diagnostic)	R	EvapFan3_Amps	A	30219	30219		1.3.6.1.4.1.9839.2.1.2.218.0
219	Supply voltage for Evap Fan3 (diagnostic)	R	EvapFan3_VRMS	A	30220	30220		1.3.6.1.4.1.9839.2.1.2.219.0
220	Current in Amps for Evap Fan4 (diagnostic)	R	EvapFan4_Amps	A	30221	30221		1.3.6.1.4.1.9839.2.1.2.220.0
221	Supply voltage for Evap Fan4 (diagnostic)	R	EvapFan4_VRMS	A	30222	30222		1.3.6.1.4.1.9839.2.1.2.221.0
222	Current in Amps for Cond Fan1 (diagnostic)	R	CondFan1_Amps	A	30223	30223		1.3.6.1.4.1.9839.2.1.2.222.0
223	Supply voltage for Cond Fan1 (diagnostic)	R	CondFan1_VRMS	A	30224	30224		1.3.6.1.4.1.9839.2.1.2.223.0
224	Current in Amps for Cond Fan2 (diagnostic)	R	CondFan2_Amps	A	30225	30225		1.3.6.1.4.1.9839.2.1.2.224.0
225	Supply voltage for Cond Fan2 (diagnostic)	R	CondFan2_VRMS	A	30226	30226		1.3.6.1.4.1.9839.2.1.2.225.0
226	Current in Amps for Cond Fan3 (diagnostic)	R	CondFan3_Amps	A	30227	30227		1.3.6.1.4.1.9839.2.1.2.226.0
227	Supply voltage for Cond Fan3 (diagnostic)	R	CondFan3_VRMS	A	30228	30228		1.3.6.1.4.1.9839.2.1.2.227.0
228	Current in Amps for Cond Fan4 (diagnostic)	R	CondFan4_Amps	A	30229	30229		1.3.6.1.4.1.9839.2.1.2.228.0
229	Supply voltage for Cond Fan4 (diagnostic)	R	CondFan4_VRMS	A	30230	30230		1.3.6.1.4.1.9839.2.1.2.229.0
230	Current in Amps for Cond Fan5 (diagnostic)	R	CondFan5_Amps	A	30231	30231		1.3.6.1.4.1.9839.2.1.2.230.0
231	Supply voltage for Cond Fan5 (diagnostic)	R	CondFan5_VRMS	A	30232	30232		1.3.6.1.4.1.9839.2.1.2.231.0
232	Current in Amps for Cond Fan6 (diagnostic)	R	CondFan6_Amps	A	30233	30233		1.3.6.1.4.1.9839.2.1.2.232.0
233	Supply voltage for Cond Fan6 (diagnostic)	R	CondFan6_VRMS	A	30234	30234		1.3.6.1.4.1.9839.2.1.2.233.0
234	Current in Amps for Cond Fan7 (diagnostic)	R	CondFan7_Amps	A	30235	30235		1.3.6.1.4.1.9839.2.1.2.234.0
235	Supply voltage for Cond Fan7 (diagnostic)	R	CondFan7_VRMS	A	30236	30236		1.3.6.1.4.1.9839.2.1.2.235.0
236	Current in Amps for Cond Fan8 (diagnostic)	R	CondFan8_Amps	A	30237	30237		1.3.6.1.4.1.9839.2.1.2.236.0
237	Supply voltage for Cond Fan8 (diagnostic)	R	CondFan8_VRMS	A	30238	30238		1.3.6.1.4.1.9839.2.1.2.237.0
238	Current in Amps for Cond Fan9 (diagnostic)	R	CondFan9_Amps	A	30239	30239		1.3.6.1.4.1.9839.2.1.2.238.0
239	Supply voltage for Cond Fan9 (diagnostic)	R	CondFan9_VRMS	A	30240	30240		1.3.6.1.4.1.9839.2.1.2.239.0
240	Current in Amps for Cond Fan10 (diagnostic)	R	CondFan10_Amps	A	30241	30241		1.3.6.1.4.1.9839.2.1.2.240.0
241	Supply voltage for Cond Fan10 (diagnostic)	R	CondFan10_VRMS	A	30242	30242		1.3.6.1.4.1.9839.2.1.2.241.0
1	Lower limit alarm of discharge air temp	R/W	Disch_Air_Lo_SP	I	40210	45002	AV1001	1.3.6.1.4.1.9839.2.1.3.1.0
2	Relative humidity displayed as xx%	R	Humidity_dis	I	30211	35003	AV1002	1.3.6.1.4.1.9839.2.1.3.2.0
3	Compressor cooling stages running	R	Stages_On	I	30212	35004	AV1003	1.3.6.1.4.1.9839.2.1.3.3.0
4	Number of heat stages running	R	Heaters_On	I	30213	35005	AV1004	1.3.6.1.4.1.9839.2.1.3.4.0
5	Maximum humidity in last 24hrs	R	Maximum	I	30214	35006	AV1005	1.3.6.1.4.1.9839.2.1.3.5.0
6	Minimum humidity in last 24hrs	R	Minimum	I	30215	35007	AV1006	1.3.6.1.4.1.9839.2.1.3.6.0
7	Cooling Utilization Over Last Hour	R	Comp_duty	I	30216	35008	AV1007	1.3.6.1.4.1.9839.2.1.3.7.0
8	Heating Utilization Over Last Hour	R	Heat_duty	I	30217	35009	AV1008	1.3.6.1.4.1.9839.2.1.3.8.0
9	Humidifier Utilization Over Last Hour	R	Hum_duty	I	30218	35010	AV1009	1.3.6.1.4.1.9839.2.1.3.9.0
10	Compressor 1 Runtime (x 1000hrs)	R	C1_Hours_H	I	30219	35011	AV1010	1.3.6.1.4.1.9839.2.1.3.10.0
11	Compressor 1 Runtime	R	C1_Hours_L	I	30220	35012	AV1011	1.3.6.1.4.1.9839.2.1.3.11.0
12	Compressor 2 Runtime (x 1000hrs)	R	C2_Hours_H	I	30221	35013	AV1012	1.3.6.1.4.1.9839.2.1.3.12.0
13	Compressor 2 Runtime	R	C2_Hours_L	I	30222	35014	AV1013	1.3.6.1.4.1.9839.2.1.3.13.0
14	Heater 1 Runtime - high	R	Ht1_Hours_H	I	30223	35015	AV1014	1.3.6.1.4.1.9839.2.1.3.14.0
15	Heater 1 Runtime - low	R	Ht1_Hours_L	I	30224	35016	AV1015	1.3.6.1.4.1.9839.2.1.3.15.0
16	Current second	R	Seconds	I	30225	35017	AV1016	1.3.6.1.4.1.9839.2.1.3.16.0
17	Current minute	R	Minutes	I	30226	35018	AV1017	1.3.6.1.4.1.9839.2.1.3.17.0
18	Current hour	R	Hours	I	30227	35019	AV1018	1.3.6.1.4.1.9839.2.1.3.18.0
19	Current day	R	Day	I	30228	35020	AV1019	1.3.6.1.4.1.9839.2.1.3.19.0
20	Current month	R	Month	I	30229	35021	AV1020	1.3.6.1.4.1.9839.2.1.3.20.0
21	Current year	R	Year_now	I	30230	35022	AV1021	1.3.6.1.4.1.9839.2.1.3.21.0
22	Alarm setting of return air temp to determine there is a fire	R/W	Firestat_SP	I	40231	45023	AV1022	1.3.6.1.4.1.9839.2.1.3.22.0
23	Humidity upper limit alarm	R/W	Hum_Hi_SP	I	40232	45024	AV1023	1.3.6.1.4.1.9839.2.1.3.23.0
24	Upper limit alarm of return air temp	R/W	Ret_Air_Hi_SP	I	40233	45025	AV1024	1.3.6.1.4.1.9839.2.1.3.24.0
25	Humidity lower limit alarm	R/W	Hum_Lo_SP	I	40234	45026	AV1025	1.3.6.1.4.1.9839.2.1.3.25.0
26	Lower limit alarm of return air temp	R/W	Ret_Air_Lo_SP	I	40235	45027	AV1026	1.3.6.1.4.1.9839.2.1.3.26.0
27	Amount hum must change from setpoint before acting	R/W	Hum_deadband	I	40236	45028	AV1027	1.3.6.1.4.1.9839.2.1.3.27.0
28	Humidity setpoint	R/W	Hum_setpoint	I	40237	45029	AV1028	1.3.6.1.4.1.9839.2.1.3.28.0
29	Time before the system starts up	R/W	Start_dly	I	40238	45030	AV1029	1.3.6.1.4.1.9839.2.1.3.29.0
33	Message or function of Opt alm #1	R	Alarm1_bt	I	30242	35034	AV1033	1.3.6.1.4.1.9839.2.1.3.33.0
34	Message or function of Opt alm #2	R	Alarm2_bt	I	30243	35035	AV1034	1.3.6.1.4.1.9839.2.1.3.34.0
35	Message or function of Opt alm #3	R	Alarm3_bt	I	30244	35036	AV1035	1.3.6.1.4.1.9839.2.1.3.35.0
36	Message or function of Opt alm #4	R	Alarm4_bt	I	30245	35037	AV1036	1.3.6.1.4.1.9839.2.1.3.36.0

38	Dehum 0=none 1= 1C limited 2=1C unlimited 3= 2C limited	R/W	Dehum_mode	I	40247	45039	AV1038	1.3.6.1.4.1.9839.2.1.3.38.0
39	Reheat 0=None, 1=one, 2=one elect, 3=two, 4=three, 5=three elect	R/W	Reheat_sel	I	40248	45040	AV1039	1.3.6.1.4.1.9839.2.1.3.39.0
40	Hum Selection 0=none, 1=comp mod, 2=comp non, 3= conf mod, 4= conf non mod	R/W	Hum_sel	I	40249	45041	AV1040	1.3.6.1.4.1.9839.2.1.3.40.0
42	0= start w/ alarm, 1= start w/ alarm, 2= requires reset of alarm	R/W	PowerUp_sel	I	40251	45043	AV1042	1.3.6.1.4.1.9839.2.1.3.42.0
43	Buzzer 0=None, 1=short beeps, 2=long beep, 3=Constant	R/W	Buzzer_Select	I	40252	45044	AV1043	1.3.6.1.4.1.9839.2.1.3.43.0
44	CW valve % of modulation (100%=10.0volts)	R	CW_disp	I	30253	35045	AV1044	1.3.6.1.4.1.9839.2.1.3.44.0
45	Chilled Water Utilization Over Last Hour	R	WtrVv_duty	I	30254	35046	AV1045	1.3.6.1.4.1.9839.2.1.3.45.0
46	Humidifier Runtime - high (x 1000hrs)	R	Hum_Hours_H	I	30255	35047	AV1046	1.3.6.1.4.1.9839.2.1.3.46.0
47	Humidifier Runtime - low	R	Hum_Hours_L	I	30256	35048	AV1047	1.3.6.1.4.1.9839.2.1.3.47.0
48	Blower Runtime - high (x 1000hrs)	R	Blower_Hours_H	I	30257	35049	AV1048	1.3.6.1.4.1.9839.2.1.3.48.0
49	Blower Runtime - low	R	Blower_Hours_L	I	30258	35050	AV1049	1.3.6.1.4.1.9839.2.1.3.49.0
51	Eng Svr Assist 0= no comp assist, 1=one comp assist, 2= two comp assist	R/W	Assist_sel	I	40260	45052	AV1051	1.3.6.1.4.1.9839.2.1.3.51.0
52	Water valve type 0=none, 1=chill, 2=Energy, 3=Aux chill	R/W	WtrVv_sel	I	40261	45053	AV1052	1.3.6.1.4.1.9839.2.1.3.52.0
53	Water valve voltage 0= 0-10, 1=2-10, 2=7-10, 3=6-9, 4=4-7	R/W	WtrVv_Volts_sel	I	40262	45054	AV1053	1.3.6.1.4.1.9839.2.1.3.53.0
54	Voltage of analog output #2 (1000= 10.00 volts)	R	Hum_Volts	I	30263	35055	AV1054	1.3.6.1.4.1.9839.2.1.3.54.0
55	Dehumidifier Runtime - High (x 1000hrs)	R	Dehum_Hours_H	I	30264	35056	AV1055	1.3.6.1.4.1.9839.2.1.3.55.0
56	Dehumidifier Runtime - Low	R	Dehum_Hours_L	I	30265	35057	AV1056	1.3.6.1.4.1.9839.2.1.3.56.0
57	Voltage of C2 variable compressor (1000= 10.00 volts)	R	C2_Mod	I	30266	35058	AV1057	1.3.6.1.4.1.9839.2.1.3.57.0
58	Time between drain cycles 0=12hr, 1=24hr, 2=48hr, 3=96hr, 4=None	R/W	AutoFlush_dy	I	40267	45059	AV1058	1.3.6.1.4.1.9839.2.1.3.58.0
59	Voltage of SCR analog output Y1 (1000= 10.00 volts)	R	Y4_Out	I	30268	35060	AV1059	1.3.6.1.4.1.9839.2.1.3.59.0
60	Voltage of C1 variable compressor (1000= 10.00 volts)	R	C1_Mod	I	30269	35061	AV1060	1.3.6.1.4.1.9839.2.1.3.60.0
61	1/10th Current Fan Airflow - Based on calculated Pressure Diff formula	R	Air_Flow	I	30270	35062	AV1061	1.3.6.1.4.1.9839.2.1.3.61.0
62	Name of the Anlg 1 sensor	R	Opt_Snsr1_name	I	30271	35063	AV1062	1.3.6.1.4.1.9839.2.1.3.62.0
63	Name of the Anlg 2 sensor	R	Opt_Snsr2_name	I	30272	35064	AV1063	1.3.6.1.4.1.9839.2.1.3.63.0
64	Name of the Anlg 3 sensor	R	Opt_Snsr3_name	I	30273	35065	AV1064	1.3.6.1.4.1.9839.2.1.3.64.0
65	Name of the Anlg 4 sensor	R	Opt_Snsr4_name	I	30274	35066	AV1065	1.3.6.1.4.1.9839.2.1.3.65.0
67	Variable comp C1 Off delay	R/W	C1_Off_Dly	I	40276	45068	AV1067	1.3.6.1.4.1.9839.2.1.3.67.0
69	Air pressure high alarm setpoint (1/1000ths inches of water)	R/W	Air_Pr_alrm_sp	I	40278	45070	AV1069	1.3.6.1.4.1.9839.2.1.3.69.0
70	CW Fan speed (%) sent via BMS	R/W	CW_Fan_Speed_bms	I	40279	45071	AV1070	1.3.6.1.4.1.9839.2.1.3.70.0
71	DX Fan speed (%) sent via BMS	R/W	DX_Fan_Speed_bms	I	40280	45072	AV1071	1.3.6.1.4.1.9839.2.1.3.71.0
72	Maximum Fan speed (% of output) modulation.	R/W	Fan_Speed_max	I	40281	45073	AV1072	1.3.6.1.4.1.9839.2.1.3.72.0
73	Minimum Fan speed (% of output) modulation.	R/W	Fan_Speed_min	I	40282	45074	AV1073	1.3.6.1.4.1.9839.2.1.3.73.0
74	Delay to enable DX after 60 seconds of fan running	R/W	DX_St-Delay	I	40283	45075	AV1074	1.3.6.1.4.1.9839.2.1.3.74.0
75	Fan pressure band (0.001 inches of water)	R/W	Fan_pr_band	I	40284	45076	AV1075	1.3.6.1.4.1.9839.2.1.3.75.0
76	Maximum air flow that the unit can deliver	R/W	Fan_AF_max	I	40285	45077	AV1076	1.3.6.1.4.1.9839.2.1.3.76.0
77	Minimum air flow limit of setpoint from BMS or valve modulation.	R/W	Fan_AF_min	I	40286	45078	AV1077	1.3.6.1.4.1.9839.2.1.3.77.0
78	Fan K Factor	R/W	Fan_Kfactor	I	40287	45079	AV1078	1.3.6.1.4.1.9839.2.1.3.78.0
79	Number of fans installed in this unit	R/W	Num_Fans	I	40288	45080	AV1079	1.3.6.1.4.1.9839.2.1.3.79.0
80	Minimum Damper (% of output) modulation.	R/W	Damper_min	I	40289	45081	AV1080	1.3.6.1.4.1.9839.2.1.3.80.0
81	Heater 2 Runtime - high (x 1000hrs)	R	H2_Hours_H	I	30290	35082	AV1081	1.3.6.1.4.1.9839.2.1.3.81.0
82	Heater 2 Runtime - low	R	H2_Hours_L	I	30291	35083	AV1082	1.3.6.1.4.1.9839.2.1.3.82.0
83	Heater 3 Runtime - High(x 1000hrs)	R	H3_Hours_H	I	30292	35084	AV1083	1.3.6.1.4.1.9839.2.1.3.83.0
84	Heater 3 Runtime - low	R	H3_Hours_L	I	30293	35085	AV1084	1.3.6.1.4.1.9839.2.1.3.84.0
85	Energy Saver Runtime -high(x 1000hrs)	R	Engy_Hours_H	I	30294	35086	AV1085	1.3.6.1.4.1.9839.2.1.3.85.0
86	Energy Saver Runtime - low	R	Engy_Hours_L	I	30295	35087	AV1086	1.3.6.1.4.1.9839.2.1.3.86.0
87	Chilled Water Runtime - high(x 1000hrs)	R	CW_Hours_H	I	30296	35088	AV1087	1.3.6.1.4.1.9839.2.1.3.87.0
88	Chilled Water Runtime - low	R	CW_Hours_L	I	30297	35089	AV1088	1.3.6.1.4.1.9839.2.1.3.88.0
89	Compressor 3 Runtime - high(x 1000hrs)	R	C3_Hours_H	I	30298	35090	AV1089	1.3.6.1.4.1.9839.2.1.3.89.0
90	Compressor 3 Runtime - low	R	C3_Hours_L	I	30299	35091	AV1090	1.3.6.1.4.1.9839.2.1.3.90.0
91	Compressor 4 Runtime - high (x 1000hrs)	R	C4_Hours_L	I	30300	35092	AV1091	1.3.6.1.4.1.9839.2.1.3.91.0
92	Compressor 4 Runtime - low	R	C4_Hours_H	I	30301	35093	AV1092	1.3.6.1.4.1.9839.2.1.3.92.0
93	Condenser Runtime - high (x 1000hrs)	R	Cond_Hours_H	I	30302	35094	AV1093	1.3.6.1.4.1.9839.2.1.3.93.0
94	Condenser Runtime - low	R	Cond_Hours_L	I	30303	35095	AV1094	1.3.6.1.4.1.9839.2.1.3.94.0
95	Fan speed (% of output) when compressor cooling.	R/W	DX_Fan_Speed	I	40304	45096	AV1095	1.3.6.1.4.1.9839.2.1.3.95.0
96	Fan speed (% of output) when chilled water cooling.	R/W	CW_Fan_Speed	I	40305	45097	AV1096	1.3.6.1.4.1.9839.2.1.3.96.0
97	Fan air flow setpoint (in CFM)	R/W	Fan_AF_sp	I	40306	45098	AV1097	1.3.6.1.4.1.9839.2.1.3.97.0
98	Maximum damper (% of output) modulation.	R/W	Damper_max	I	40307	45099	AV1098	1.3.6.1.4.1.9839.2.1.3.98.0
99	Zone Airflow Setpoint (1/100th of actual)	R/W	ZM_Airflow_SP	I	40308	45100	AV1099	1.3.6.1.4.1.9839.2.1.3.99.0
100	KW hours of last 30 days (1/10th actual Kw)	R	Kwh_30days	I	30309	35101	AV1100	1.3.6.1.4.1.9839.2.1.3.100.0
101	Zone Airflow Setpoint from BMS (1/100th actual cfm)	R/W	BMS_Airflow_SP	I	40310	45102	AV1101	1.3.6.1.4.1.9839.2.1.3.101.0
102	1/10th of the total zone airflow	R	ZM_Airflow	I	30311	35103	AV1102	1.3.6.1.4.1.9839.2.1.3.102.0
103	Economizer Runtime (x 1000hrs)	R	Econ_Hours_H	I	30312	35104	AV1103	1.3.6.1.4.1.9839.2.1.3.103.0
104	Economizer Runtime	R	Econ_Hours_L	I	30313	35105	AV1104	1.3.6.1.4.1.9839.2.1.3.104.0
105	Relative humidity of the outside air in %	R	Outside_Hum_dsp	I	30314	35106	AV1105	1.3.6.1.4.1.9839.2.1.3.105.0
106	Outside air enthalpy in KJ or BTU	R	Outside_Enthalpy	I	30315	35107	AV1106	1.3.6.1.4.1.9839.2.1.3.106.0
107	Return air enthalpy in KJ or BTU	R	Return_Enthalpy	I	30316	35108	AV1107	1.3.6.1.4.1.9839.2.1.3.107.0
108	Analog value of damper in %	R	Damper_Mod_dsp	I	30317	35109	AV1108	1.3.6.1.4.1.9839.2.1.3.108.0
109	Fan speed modulation (1000=10.0V)	R	Fan_Out	I	30318	35110	AV1109	1.3.6.1.4.1.9839.2.1.3.109.0
110	HGRH integration time for PID	R/W	HGRH_int	I	40319	45111	AV1110	1.3.6.1.4.1.9839.2.1.3.110.0
111	HGRH derivative time for PID	R/W	HGRH_Der	I	40320	45112	AV1111	1.3.6.1.4.1.9839.2.1.3.111.0
112	Hot Gas Reheat modulation	R	HGRH_Demand_Dis	I	30321	35113	AV1112	1.3.6.1.4.1.9839.2.1.3.112.0
113	Number of units selected by ZM for standby based on current schedule	R	Num_Stdy	I	30322	35114	AV1113	1.3.6.1.4.1.9839.2.1.3.113.0
114	Number of units currently running in the zone	R	Num_Units_On	I	30323	35115	AV1114	1.3.6.1.4.1.9839.2.1.3.114.0
115	Status of unit (at address 1), 1,12&13 = On, 2 thru 9 = Off	R	Status	I	30324	35116	AV1115	1.3.6.1.4.1.9839.2.1.3.115.0
116	State of U2 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit2_status	I	30325	35117	AV1116	1.3.6.1.4.1.9839.2.1.3.116.0
117	State of U3 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit3_status	I	30326	35118	AV1117	1.3.6.1.4.1.9839.2.1.3.117.0
118	State of U4 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit4_status	I	30327	35119	AV1118	1.3.6.1.4.1.9839.2.1.3.118.0
119	State of U5 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit5_status	I	30328	35120	AV1119	1.3.6.1.4.1.9839.2.1.3.119.0
120	State of U6 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit6_status	I	30329	35121	AV1120	1.3.6.1.4.1.9839.2.1.3.120.0
121	State of U7 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit7_status	I	30330	35122	AV1121	1.3.6.1.4.1.9839.2.1.3.121.0
122	State of U8 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit8_status	I	30331	35123	AV1122	1.3.6.1.4.1.9839.2.1.3.122.0
123	State of U9 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit9_status	I	30332	35124	AV1123	1.3.6.1.4.1.9839.2.1.3.123.0
124	State of U10 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit10_status	I	30333	35125	AV1124	1.3.6.1.4.1.9839.2.1.3.124.0
125	State of U11 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit11_status	I	30334	35126	AV1125	1.3.6.1.4.1.9839.2.1.3.125.0
126	State of U12 when zone master is enabled (1,12&13 is running, 2-9 is Off)	R	Unit12_status	I	30335	35127	AV1126	1.3.6.1.4.1.9839.2.1.3.126.0
127	State of U13 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit13_status	I	30336	35128	AV1127	1.3.6.1.4.1.9839.2.1.3.127.0
128	State of U14 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit14_status	I	30337	35129	AV1128	1.3.6.1.4.1.9839.2.1.3.128.0
129	State of U15 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit15_status	I	30338	35130	AV1129	1.3.6.1.4.1.9839.2.1.3.129.0
130	State of U16 when zone master is enabled. (1,12&13 is running, 2-9 is Off)	R	Unit16_status	I	30339	35131	AV1130	1.3.6.1.4.1.9839.2.1.3.130.0
131	SCR heating band setting of temp below setpoint that Y4 will be at 10v (per step x10)	R/W	SCR_band	I	40340	45132	AV1131	1.3.6.1.4.1.9839.2.1.3.131.0
132	Maint required alarm delay (Hrs)	R/W	Maint_dly	I	40341	45133	AV1132	1.3.6.1.4.1.9839.2.1.3.132.0
134	Y2 on mini dsp is selectable 0=none 1=Hum 2=CW	R/W	Y2_Sel	I	40343	45135	AV1134	1.3.6.1.4.1.9839.2.1.3.134.0
135	Cause all units to take setpoint of the master in ZM, 1=Sync	R/W	Sync_Mstr_SP	I	40344	45136	AV1135	1.3.6.1.4.1.9839.2.1.3.135.0
136	Cause all units to take time of the master in ZM, 1=Sync	R/W	Sync_Clock	I	40345	45137	AV1136	1.3.6.1.4.1.9839.2.1.3.136.0
137	Address of the controller on the pLAN network	R	PLAN_BMS	I	30346	35138	AV1137	1.3.6.1.4.1.9839.2.1.3.137.0
138	Low part of the job number	R	Job_Number_L	I	30347	35139	AV1138	1.3.6.1.4.1.9839.2.1.3.138.0
139	High part of the job number	R	Job_Number_H	I	30348	35140	AV1139	1.3.6.1.4.1.9839.2.1.3.139.0
142	Constant speed that the compressor runs 1800 to 5400rpm	R/W	Var_Const_Speed	I	40351	45143	AV1142	1.3.6.1.4.1.9839.2.1.3.142.0
143	Min run time of compressors (in mins)	R/W	MRT	I	40352	45144	AV1143	1.3.6.1.4.1.9839.2.1.3.143.0
144	Temperature being controlled 0=Return 1=Discharge 2=Disch with Return limiting	R/W	Control_Mode	I	40353	45145	AV1144	1.3.6.1.4.1.9839.2.1.3.144.0
145	Selection for IRDX temperature regulation	R/W	IRDX_Regulation	I	40354	45146	AV1145	1.3.6.1.4.1.9839.2.1.3.145.0
148	Highest recorded Outside Humidity in 24 Hrs	R	OA_Hum_max	I	30357	35149	AV1148	1.3.6.1.4.1.9839.2.1.3.148.0
149	Lowest recorded Outside Humidity in 24 Hrs	R	OA_Hum_min	I	30358	35150	AV1149	1.3.6.1.4.1.9839.2.1.3.149.0
150	Duty Cycle of Airside Economizer over last 24 Hrs	R	AE_duty	I	30359	35151	AV1150	1.3.6.1.4.1.9839.2.1.3.150.0
152	Part of the serial number that reflects the year	R	Ser_Date	I	30361	35153	AV1152	1.3.6.1.4.1.9839.2.1.3.152.0
153	Serial number of the processor board	R	Ser_Number	I	30362	35154	AV1153	1.3.6.1.4.1.9839.2.1.3.153.0
154	Last letter of the serial number	R	Ser_Suffix	I	30363	35155	AV1154	1.3.6.1.4.1.9839.2.1.3.154.0
156	EVD selection 0=none 1=single 2=dual	R/W	EVO_Sel	I	40365	45157	AV1156	1.3.6.1.4.1.

175	Third part of model number (mini controller only)	R	Mod_Txt3s	I	30384	35176	AV1175	1.3.6.1.4.1.9839.2.1.3.175.0
176	Fourth part of model number	R	Mod_Txt4	I	30385	35177	AV1176	1.3.6.1.4.1.9839.2.1.3.176.0
177	Fourth part of model number (mini controller only)	R	Mod_Txt4s	I	30386	35178	AV1177	1.3.6.1.4.1.9839.2.1.3.177.0
178	Last part on model number	R	Mod_Txt5	I	30387	35179	AV1178	1.3.6.1.4.1.9839.2.1.3.178.0
179	Dehumidifier setpoint used by scheduler	R/W	Dehum_sp_offset	I	40388	45180	AV1179	1.3.6.1.4.1.9839.2.1.3.179.0
180	CO2 Level in PPM (gPOD only)	R	CO2_Level	I	30389	35181	AV1180	1.3.6.1.4.1.9839.2.1.3.180.0
181	CO2 Low level alarm setpoint in PPM (gPOD only)	R/W	CO2_Low_SP	I	40390	45182	AV1181	1.3.6.1.4.1.9839.2.1.3.181.0
182	CO2 High level alarm setpoint in PPM (gPOD only)	R/W	CO2_High_SP	I	40391	45183	AV1182	1.3.6.1.4.1.9839.2.1.3.182.0
183	CO2 hysteresis of setpoint in PPM (gPOD only)	R/W	CO2_DeADBnd	I	40392	45184	AV1183	1.3.6.1.4.1.9839.2.1.3.183.0
184	CO2 Setpoint in PPM (gPOD only)	R/W	CO2_Setpoint	I	40393	45185	AV1184	1.3.6.1.4.1.9839.2.1.3.184.0
185	Setpoint for humidifier or Humidifier setpoint from scheduler	R	Humidifier_sp	I	30394	35186	AV1185	1.3.6.1.4.1.9839.2.1.3.185.0
186	Setpoint for humidification used by scheduler	R/W	Hum_sp_offset	I	40395	45187	AV1186	1.3.6.1.4.1.9839.2.1.3.186.0
187	Setpoint for dehumidifier or dehumidifier setpoint from scheduler	R	Dehum_sp	I	30396	35188	AV1187	1.3.6.1.4.1.9839.2.1.3.187.0
188	BMS Damper position 0-1000 (must set BMS Inhibit BV72 to write)	R/W	BMS_Damper_Pos	I	40397	45189	AV1188	1.3.6.1.4.1.9839.2.1.3.188.0
189	Causes all units to take the same fan temp setpoint as the master	R/W	Sync_Mstr_Fan	I	40398	45190	AV1189	1.3.6.1.4.1.9839.2.1.3.189.0
190	C2 discharge pressure	R	C2_Disch_Press	I	30399	35191	AV1190	1.3.6.1.4.1.9839.2.1.3.190.0
191	C2 Liquid line pressure (condenser)	R	C2_LL_Press	I	30400	35192	AV1191	1.3.6.1.4.1.9839.2.1.3.191.0
192	Maximum number of envelope alarms before compressor lockout	R/W	Max_Env_alm	I	40401	45193	AV1192	1.3.6.1.4.1.9839.2.1.3.192.0
195	Zone air flow setting 0=none; 1=Const; 2=Unity Cooling; 3=Rack Hi; 4=Rack Ave	R/W	Zone_AF_Sel	I	40404	45196	AV1195	1.3.6.1.4.1.9839.2.1.3.195.0
196	Part of the model number (not on MiniDAP)	R	Mod_Number	I	30405	35197	AV1196	1.3.6.1.4.1.9839.2.1.3.196.0
197	Part of the model number (MiniDAP only)	R	Mod_Txt1s	I	30406	35198	AV1197	1.3.6.1.4.1.9839.2.1.3.197.0
198	Air seal speed in standby (10 to 50%)	R/W	Sby_Fan_Spd	I	40407	45199	AV1198	1.3.6.1.4.1.9839.2.1.3.198.0
199	CO2 valve duty cycle in 10 percent steps (gPOD only)	R/W	CO2_PWM	I	40408	45200	AV1199	1.3.6.1.4.1.9839.2.1.3.199.0
200	Discharge air temp high temp alarm setpoint	R/W	Disch_Air_Hi_Sp	I	40409	45201	AV1200	1.3.6.1.4.1.9839.2.1.3.200.0
201	C1 Liquid Line pressure	R	C1_LL_Press	I	30410	35202	AV1201	1.3.6.1.4.1.9839.2.1.3.201.0
202	C1 Discharge pressure	R	C1_Disch_Press	I	30411	35203	AV1202	1.3.6.1.4.1.9839.2.1.3.202.0
203	Speed of C1 variable compressor read from the VFD	R	VFD_Speed	I	30412	35204	AV1203	1.3.6.1.4.1.9839.2.1.3.203.0
204	Speed of C2 variable compressor read from the VFD	R	C2_VFD_Speed	I	30413	35205	AV1204	1.3.6.1.4.1.9839.2.1.3.204.0
210	Total watts being consumed (power meter required)	R	Present_Wattage	I	30419	35211		1.3.6.1.4.1.9839.2.1.3.210.0
211	Total watts being consumed by U2	R	U2_Present_Wattage	I	30420	35212		1.3.6.1.4.1.9839.2.1.3.211.0
212	Total watts being consumed by U3	R	U3_Present_Wattage	I	30421	35213		1.3.6.1.4.1.9839.2.1.3.212.0
213	Total watts being consumed by U4	R	U4_Present_Wattage	I	30422	35214		1.3.6.1.4.1.9839.2.1.3.213.0
214	Total watts being consumed by U5	R	U5_Present_Wattage	I	30423	35215		1.3.6.1.4.1.9839.2.1.3.214.0
215	Total watts being consumed by U6	R	U6_Present_Wattage	I	30424	35216		1.3.6.1.4.1.9839.2.1.3.215.0
216	Total watts being consumed by U7	R	U7_Present_Wattage	I	30425	35217		1.3.6.1.4.1.9839.2.1.3.216.0
217	Total watts being consumed by U8	R	U8_Present_Wattage	I	30426	35218		1.3.6.1.4.1.9839.2.1.3.217.0
218	Total watts being consumed by U9	R	U9_Present_Wattage	I	30427	35219		1.3.6.1.4.1.9839.2.1.3.218.0
219	Total watts being consumed by U10	R	U10_Present_Wattage	I	30428	35220		1.3.6.1.4.1.9839.2.1.3.219.0
220	Total watts being consumed by U11	R	U11_Present_Wattage	I	30429	35221		1.3.6.1.4.1.9839.2.1.3.220.0
221	Total watts being consumed by U12	R	U12_Present_Wattage	I	30430	35222		1.3.6.1.4.1.9839.2.1.3.221.0
222	Total watts being consumed by U13	R	U13_Present_Wattage	I	30431	35223		1.3.6.1.4.1.9839.2.1.3.222.0
223	Total watts being consumed by U14	R	U14_Present_Wattage	I	30432	35224		1.3.6.1.4.1.9839.2.1.3.223.0
224	Total watts being consumed by U15	R	U15_Present_Wattage	I	30433	35225		1.3.6.1.4.1.9839.2.1.3.224.0
225	Total watts being consumed by U16	R	U16_Present_Wattage	I	30434	35226		1.3.6.1.4.1.9839.2.1.3.225.0
226	VFD Status (bit mapped)	R	VFD_Stat_Disb	I	30435	35227		1.3.6.1.4.1.9839.2.1.3.226.0
227	VFD Alarm code (bit mapped)	R	VFD_Alm_Code	I	30436	35228		1.3.6.1.4.1.9839.2.1.3.227.0
231	Evap Fan #1 Wattage (diagnostic)	R	EvapFan1_Watts	I	30440	35232		1.3.6.1.4.1.9839.2.1.3.231.0
232	Evap Fan #1 Speed (diagnostic)	R	EvapFan1_Speed	I	30441	35233		1.3.6.1.4.1.9839.2.1.3.232.0
233	Evap Fan #2 Wattage (diagnostic)	R	EvapFan2_Watts	I	30442	35234		1.3.6.1.4.1.9839.2.1.3.233.0
234	Evap Fan #2 Speed (diagnostic)	R	EvapFan2_Speed	I	30443	35235		1.3.6.1.4.1.9839.2.1.3.234.0
235	Evap Fan #3 Wattage (diagnostic)	R	EvapFan3_Watts	I	30444	35236		1.3.6.1.4.1.9839.2.1.3.235.0
236	Evap Fan #3 Speed (diagnostic)	R	EvapFan3_Speed	I	30445	35237		1.3.6.1.4.1.9839.2.1.3.236.0
237	Evap Fan #4 Wattage (diagnostic)	R	EvapFan4_Watts	I	30446	35238		1.3.6.1.4.1.9839.2.1.3.237.0
238	Evap Fan #4 Speed (diagnostic)	R	EvapFan4_Speed	I	30447	35239		1.3.6.1.4.1.9839.2.1.3.238.0
239	Cond Fan #1 Wattage (diagnostic)	R	CondFan1_Watts	I	30448	35240		1.3.6.1.4.1.9839.2.1.3.239.0
240	Cond Fan #1 Speed (diagnostic)	R	CondFan1_Speed	I	30449	35241		1.3.6.1.4.1.9839.2.1.3.240.0
241	Cond Fan #2 Wattage (diagnostic)	R	CondFan2_Watts	I	30450	35242		1.3.6.1.4.1.9839.2.1.3.241.0
242	Cond Fan #2 Speed (diagnostic)	R	CondFan2_Speed	I	30451	35243		1.3.6.1.4.1.9839.2.1.3.242.0
243	Cond Fan #3 Wattage (diagnostic)	R	CondFan3_Watts	I	30452	35244		1.3.6.1.4.1.9839.2.1.3.243.0
244	Cond Fan #3 Speed (diagnostic)	R	CondFan3_Speed	I	30453	35245		1.3.6.1.4.1.9839.2.1.3.244.0
245	Cond Fan #4 Wattage (diagnostic)	R	CondFan4_Watts	I	30454	35246		1.3.6.1.4.1.9839.2.1.3.245.0
246	Cond Fan #4 Speed (diagnostic)	R	CondFan4_Speed	I	30455	35247		1.3.6.1.4.1.9839.2.1.3.246.0
247	Cond Fan #5 Wattage (diagnostic)	R	CondFan5_Watts	I	30456	35248		1.3.6.1.4.1.9839.2.1.3.247.0
248	Cond Fan #5 Speed (diagnostic)	R	CondFan5_Speed	I	30457	35249		1.3.6.1.4.1.9839.2.1.3.248.0
249	Cond Fan #6 Wattage (diagnostic)	R	CondFan6_Watts	I	30458	35250		1.3.6.1.4.1.9839.2.1.3.249.0
250	Cond Fan #6 Speed (diagnostic)	R	CondFan6_Speed	I	30459	35251		1.3.6.1.4.1.9839.2.1.3.250.0
251	Cond Fan #7 Wattage (diagnostic)	R	CondFan7_Watts	I	30460	35252		1.3.6.1.4.1.9839.2.1.3.251.0
252	Cond Fan #7 Speed (diagnostic)	R	CondFan7_Speed	I	30461	35253		1.3.6.1.4.1.9839.2.1.3.252.0
253	Cond Fan #8 Wattage (diagnostic)	R	CondFan8_Watts	I	30462	35254		1.3.6.1.4.1.9839.2.1.3.253.0
254	Cond Fan #8 Speed (diagnostic)	R	CondFan8_Speed	I	30463	35255		1.3.6.1.4.1.9839.2.1.3.254.0
255	Cond Fan #9 Wattage (diagnostic)	R	CondFan9_Watts	I	30464	35256		1.3.6.1.4.1.9839.2.1.3.255.0
256	Cond Fan #9 Speed (diagnostic)	R	CondFan9_Speed	I	30465	35257		1.3.6.1.4.1.9839.2.1.3.256.0
257	Cond Fan #10 Wattage (diagnostic)	R	CondFan10_Watts	I	30466	35258		1.3.6.1.4.1.9839.2.1.3.257.0
258	Cond Fan #10 Speed (diagnostic)	R	CondFan10_Speed	I	30467	35259		1.3.6.1.4.1.9839.2.1.3.258.0

1	Dehumidify mode is running	R	Dehum_On	D	10002	10002	BV1	1.3.6.1.4.1.9839.2.1.1.1.0
2	Humidifier is running	R	Hum_On	D	10003	10003	BV2	1.3.6.1.4.1.9839.2.1.1.2.0
3	Energy saver is running (CW or Airside)	R	Engy_On	D	10004	10004	BV3	1.3.6.1.4.1.9839.2.1.1.3.0
4	Temperature of discharge air above alarm set point	R	Disch_Tmp_Hi_alm	D	10005	10005	BV4	1.3.6.1.4.1.9839.2.1.1.4.0
5	Air Side Economizer cooling is available	R	AE_Avial	D	10006	10006	BV5	1.3.6.1.4.1.9839.2.1.1.5.0
6	Humidifier stopped due to digital input, BMS command or ZM command	R	Humidifier_inhibit	D	10007	10007	BV6	1.3.6.1.4.1.9839.2.1.1.6.0
7	Dehum is inhibited due to an alarm or BMS command	R	Dehum_inhibit	D	10008	10008	BV7	1.3.6.1.4.1.9839.2.1.1.7.0
8	Heat is running	R	Heater_On	D	10009	10009	BV8	1.3.6.1.4.1.9839.2.1.1.8.0
9	Water under floor alarm	R	Floor_Wtr_alm	D	10010	10010	BV9	1.3.6.1.4.1.9839.2.1.1.9.0
10	No air flow alarm	R	Air_Flow_alm	D	10011	10011	BV10	1.3.6.1.4.1.9839.2.1.1.10.0
11	Dirty filter from digital input	R	Filter_alm	D	10012	10012	BV11	1.3.6.1.4.1.9839.2.1.1.11.0
12	Alarm from humidifier digital input	R	Humidifier_alm	D	10013	10013	BV12	1.3.6.1.4.1.9839.2.1.1.12.0
13	Temperature of return air above firestat alarm set point	R	Firestat_alm	D	10014	10014	BV13	1.3.6.1.4.1.9839.2.1.1.13.0
14	One or more comps has short cycled	R	Shortcycle_alm	D	10015	10015	BV14	1.3.6.1.4.1.9839.2.1.1.14.0
15	Humidity sensor is out of range	R	Humidity_fail	D	10016	10016	BV15	1.3.6.1.4.1.9839.2.1.1.15.0
16	Return air temperature sensor is out of range	R	Ret_Air_fail	D	10017	10017	BV16	1.3.6.1.4.1.9839.2.1.1.16.0
17	Maintenance Schedule Due alarm	R	Maint_alm	D	10018	10018	BV17	1.3.6.1.4.1.9839.2.1.1.17.0
18	Circuit 1 High pressure alarm	R	C1_HP_alm	D	10019	10019	BV18	1.3.6.1.4.1.9839.2.1.1.18.0
19	Circuit 1 Low pressure alarm	R	C1_LP_alm	D	10020	10020	BV19	1.3.6.1.4.1.9839.2.1.1.19.0
20	Circuit 2 High pressure alarm	R	C2_HP_alm	D	10021	10021	BV20	1.3.6.1.4.1.9839.2.1.1.20.0
21	Circuit 2 Low pressure alarm	R	C2_LP_alm	D	10022	10022	BV21	1.3.6.1.4.1.9839.2.1.1.21.0
22	Smoke detected from digital input	R	Smoke_alm	D	10023	10023	BV22	1.3.6.1.4.1.9839.2.1.1.22.0
23	No water flow alarm (stays high 5min longer if set to lockout)	R	Wtr_Flow_alm	D	10024	10024	BV23	1.3.6.1.4.1.9839.2.1.1.23.0
24	Discharge air temperature sensor is out of range	R	Disch_Air_fail	D	10025	10025	BV24	1.3.6.1.4.1.9839.2.1.1.24.0
25	Temperature of return air above alarm set point	R	RA_Tmp_hi_alm	D	10026	10026	BV25	1.3.6.1.4.1.9839.2.1.1.25.0
26	Temperature of return air below alarm set point	R	RA_Tmp_lo_alm	D	10027	10027	BV26	1.3.6.1.4.1.9839.2.1.1.26.0
27	Humidity above alarm set point	R	Hum_hi_alm	D	10028	10028	BV27	1.3.6.1.4.1.9839.2.1.1.27.0
28	Humidity below alarm set point	R	Hum_lo_alm	D	10029	10029	BV28	1.3.6.1.4.1.9839.2.1.1.28.0
29	Fan overload / Fan fail	R	Fan_Overload	D	10030	10030	BV29	1.3.6.1.4.1.9839.2.1.1.29.0
30	Fan speed setting when in dehum mode if feature enabled	R/W	Dehum_Speed_sel	D	00031	00031	BV30	1.3.6.1.4.1.9839.2.1.1.30.0
31	Status of custom alarm input 1	R	Alarm1_sw	D	10032	10032	BV31	1.3.6.1.4.1.9839.2.1.1.31.0
32	Status of custom alarm input 2	R	Alarm2_sw	D	10033	10033	BV32	1.3.6.1.4.1.9839.2.1.1.32.0
33	Status of custom alarm input 3	R	Alarm3_sw	D	10034	10034	BV33	1.3.6.1.4.1.9839.2.1.1.33.0
34	Status of custom alarm input 4	R	Alarm4_sw	D	10035	10035	BV34	1.3.6.1.4.1.9839.2.1.1.34.0
35	Humidifier stopped due to custom alarm switch	R	HumSw_inhibit	D	10036	10036	BV35	1.3.6.1.4.1.9839.2.1.1.35.0
36	Heat inhibited due to custom switch alarm condition	R	Heat_inhibit	D	10037	10037	BV36	1.3.6.1.4.1.9839.2.1.1.36.0
37	Reheat and humidification inhibited from operation	R	Rht_Hum_inhibit	D	10038	10038	BV37	1.3.6.1.4.1.9839.2.1.1.37.0
38	Temperature of discharge air below alarm set point	R	Disch_Tmp_lo_alm	D	10039	10039	BV38	1.3.6.1.4.1.9839.2.1.1.38.0
39	Manual override	R	Override_Alm	D	10040	10040	BV39	1.3.6.1.4.1.9839.2.1.1.39.0
40	High condensation from digital input	R	Condensation_alm	D	10041	10041	BV40	1.3.6.1.4.1.9839.2.1.1.40.0
41	Unit in standby	R	Unit_In_Standby	D	10042	10042	BV41	1.3.6.1.4.1.9839.2.1.1.41.0
42	Water temp sensor is out of range	R	CW_sns_fail	D	10043	10043	BV42	1.3.6.1.4.1.9839.2.1.1.42.0
43	Humidifier stopped due to custom alarm switch	R	HumSw_Chk_Cyl	D	10044	10044	BV43	1.3.6.1.4.1.9839.2.1.1.43.0
44	Cooling operation inhibited by BMS (cancelled if loss of heartbeat)	R/W	BMS_Cooling_inhibit	D	00045	00045	BV44	1.3.6.1.4.1.9839.2.1.1.44.0
45	Heat inhibited due to BMS	R/W	BMS_Heat_inhibit	D	00046	00046	BV45	1.3.6.1.4.1.9839.2.1.1.45.0
46	Humidifier operation inhibited by BMS	R/W	BMS_Humidifier_inhibit	D	00047	00047	BV46	1.3.6.1.4.1.9839.2.1.1.46.0
47	Dehumidify mode inhibited by BMS	R/W	BMS_Dehum_inhibit	D	00048	00048	BV47	1.3.6.1.4.1.9839.2.1.1.47.0
48	Inhibit fan by BMS (cancelled if loss of heartbeat)	R/W	Fan_inhibit_bms	D	00049	00049	BV48	1.3.6.1.4.1.9839.2.1.1.48.0
49	Reduces control humidity cycling	R	Hum_Expect	D	10050	10050	BV49	1.3.6.1.4.1.9839.2.1.1.49.0
50	Custom Alarm output #1 status	R	Alm_Out1	D	10051	10051	BV50	1.3.6.1.4.1.9839.2.1.1.50.0
51	Units of temperature 0=F, 1=C	R/W	USAsrh_f_c	D	00052	00052	BV51	1.3.6.1.4.1.9839.2.1.1.51.0
52	Lead compressor select 0= C1, 1= C2 (Variable comp is always lead)	R	Lead_Comp	D	10053	10053	BV52	1.3.6.1.4.1.9839.2.1.1.52.0
54	Alarm: UPS power on	R	Ups_On_alm	D	10055	10055	BV54	1.3.6.1.4.1.9839.2.1.1.54.0
55	Loss of power requires manual reset of alarm	R	PwrUp_alm	D	10056	10056	BV55	1.3.6.1.4.1.9839.2.1.1.55.0
56	Custom alarm input #1 active	R	Custom_alm_1	D	10057	10057	BV56	1.3.6.1.4.1.9839.2.1.1.56.0
57	Custom alarm input #2 active	R	Custom_alm_2	D	10058	10058	BV57	1.3.6.1.4.1.9839.2.1.1.57.0
58	Custom alarm input #3 active	R	Custom_alm_3	D	10059	10059	BV58	1.3.6.1.4.1.9839.2.1.1.58.0
59	Custom alarm input #4 active	R	Custom_alm_4	D	10060	10060	BV59	1.3.6.1.4.1.9839.2.1.1.59.0
60	Enable short cycle alarm of the compressors	R	ShortCycle_alm_en	D	10061	10061	BV60	1.3.6.1.4.1.9839.2.1.1.60.0
61	Supervisor (BMS) Off (cancelled if loss of heartbeat)	R/W	Superv_Off	D	00062	00062	BV61	1.3.6.1.4.1.9839.2.1.1.61.0
62	This variable must change at least once a minute or unit will turn on automatically	R/W	BMS_Heartbeat	D	00063	00063	BV62	1.3.6.1.4.1.9839.2.1.1.62.0

63	Compressor 1 out of envelope counter reset	R/W	Lockout_Reset1	D	00064	00064	BV63	1.3.6.1.4.1.9839.2.1.1.63.0
64	C1 disabled due to excessive out of envelope alarms	R	C1_Lockout	D	10065	10065	BV64	1.3.6.1.4.1.9839.2.1.1.64.0
65	C2 disabled due to excessive out of envelope alarms	R	C2_Lockout	D	10066	10066	BV65	1.3.6.1.4.1.9839.2.1.1.65.0
66	On-Off unit state (0: Off; 1: On)	R	Sys_On	D	10067	10067	BV66	1.3.6.1.4.1.9839.2.1.1.66.0
67	Fan running	R	Blower_On	D	10068	10068	BV67	1.3.6.1.4.1.9839.2.1.1.67.0
68	Power A operating (notice only)	R	Pwr_A_Operating	D	10069	10069	BV68	1.3.6.1.4.1.9839.2.1.1.68.0
69	Power B operating (notice only)	R	Pwr_B_Operating	D	10070	10070	BV69	1.3.6.1.4.1.9839.2.1.1.69.0
70	Power A Not Available alarm	R	PwrNA_A_alm	D	10071	10071	BV70	1.3.6.1.4.1.9839.2.1.1.70.0
71	Power B Not Available alarm	R	PwrNA_B_alm	D	10072	10072	BV71	1.3.6.1.4.1.9839.2.1.1.71.0
72	BMS signal to close damper is economizer mode (canceled if loss of heartbeat)	R/W	BMS_Damper_Inhibit	D	00073	00073	BV72	1.3.6.1.4.1.9839.2.1.1.72.0
73	Compressor 2 out of envelope counter reset	R/W	Lockout_Reset2	D	00074	00074	BV73	1.3.6.1.4.1.9839.2.1.1.73.0
74	Enable limit of fan speed when return air temp too high (IRD only)	R/W	Fan_Ht_Limit_en	D	00075	00075	BV74	1.3.6.1.4.1.9839.2.1.1.74.0
75	Discharge air temp below freeze alarm setpoint	R	Freeze_alm	D	10076	10076	BV75	1.3.6.1.4.1.9839.2.1.1.75.0
76	Temp of rack sensor above setpoint - T1	R	T1_Hi_alm	D	10077	10077	BV76	1.3.6.1.4.1.9839.2.1.1.76.0
77	Temp of rack sensor above setpoint - T2	R	T2_Hi_alm	D	10078	10078	BV77	1.3.6.1.4.1.9839.2.1.1.77.0
78	Temp of rack sensor above setpoint - T3	R	T1_Hi_alm	D	10079	10079	BV78	1.3.6.1.4.1.9839.2.1.1.78.0
79	Temp of rack sensor above setpoint - T4	R	T2_Hi_alm	D	10080	10080	BV79	1.3.6.1.4.1.9839.2.1.1.79.0
80	Custom alarm #2 output	R	Alm_Out2	D	10081	10081	BV80	1.3.6.1.4.1.9839.2.1.1.80.0
81	Temp of rack sensor above setpoint - T5	R	T1_Hi_alm	D	10082	10082	BV81	1.3.6.1.4.1.9839.2.1.1.81.0
82	Temp of rack sensor above setpoint - T6	R	T2_Hi_alm	D	10083	10083	BV82	1.3.6.1.4.1.9839.2.1.1.82.0
83	Temp of rack sensor above setpoint - T7	R	T1_Hi_alm	D	10084	10084	BV83	1.3.6.1.4.1.9839.2.1.1.83.0
84	Temp of rack sensor above setpoint - T8	R	T2_Hi_alm	D	10085	10085	BV84	1.3.6.1.4.1.9839.2.1.1.84.0
85	Temp of rack sensor above setpoint - T9	R	T1_Hi_alm	D	10086	10086	BV85	1.3.6.1.4.1.9839.2.1.1.85.0
86	Temp of rack sensor above setpoint - T10	R	T2_Hi_alm	D	10087	10087	BV86	1.3.6.1.4.1.9839.2.1.1.86.0
87	Temp of rack sensor above setpoint - T11	R	T1_Hi_alm	D	10088	10088	BV87	1.3.6.1.4.1.9839.2.1.1.87.0
88	Temp of rack sensor above setpoint - T12	R	T2_Hi_alm	D	10089	10089	BV88	1.3.6.1.4.1.9839.2.1.1.88.0
89	Temp of rack sensor above setpoint - T13	R	T1_Hi_alm	D	10090	10090	BV89	1.3.6.1.4.1.9839.2.1.1.89.0
90	Temp of rack sensor above setpoint - T14	R	T2_Hi_alm	D	10091	10091	BV90	1.3.6.1.4.1.9839.2.1.1.90.0
91	Temp of rack sensor above setpoint - T15	R	T1_Hi_alm	D	10092	10092	BV91	1.3.6.1.4.1.9839.2.1.1.91.0
92	Temp of rack sensor above setpoint - T16	R	T2_Hi_alm	D	10093	10093	BV92	1.3.6.1.4.1.9839.2.1.1.92.0
93	Temp of rack sensor above setpoint - T17	R	T1_Hi_alm	D	10094	10094	BV93	1.3.6.1.4.1.9839.2.1.1.93.0
94	Temp of rack sensor above setpoint - T18	R	T2_Hi_alm	D	10095	10095	BV94	1.3.6.1.4.1.9839.2.1.1.94.0
95	Temp of rack sensor above setpoint - T19	R	T1_Hi_alm	D	10096	10096	BV95	1.3.6.1.4.1.9839.2.1.1.95.0
96	Temp of rack sensor above setpoint - T20	R	T2_Hi_alm	D	10097	10097	BV96	1.3.6.1.4.1.9839.2.1.1.96.0
97	DX request for cooling or a compressor is running	R	CondAux_On	D	10098	10098	BV97	1.3.6.1.4.1.9839.2.1.1.97.0
98	CW inhibited due to loss of waterflow	R	Wtr_Flow_CW_Lockout	D	10099	10099	BV98	1.3.6.1.4.1.9839.2.1.1.98.0
99	Damper position error from digital input or analog sensor	R	Damper_Pos_alm	D	10100	10100	BV99	1.3.6.1.4.1.9839.2.1.1.99.0
100	CW valve position alarm due to analog mismatch	R	CW_Pos_alm	D	10101	10101	BV100	1.3.6.1.4.1.9839.2.1.1.100.0
102	dsp4 heartbeat sent to BMS, must change state at least every minute	R	dsp4_Heartbeat	D	10103	10103	BV102	1.3.6.1.4.1.9839.2.1.1.102.0
108	Zone Master feature enable (read only)	R	Zone_Mstr_en	D	10109	10109	BV108	1.3.6.1.4.1.9839.2.1.1.108.0
110	Temp of rack sensor below setpoint - T1	R	T1_Lo_alm	D	10111	10111	BV110	1.3.6.1.4.1.9839.2.1.1.110.0
111	Temp of rack sensor below setpoint - T2	R	T2_Lo_alm	D	10112	10112	BV111	1.3.6.1.4.1.9839.2.1.1.111.0
112	Temp of rack sensor below setpoint - T3	R	T1_Lo_alm	D	10113	10113	BV112	1.3.6.1.4.1.9839.2.1.1.112.0
113	Temp of rack sensor below setpoint - T4	R	T2_Lo_alm	D	10114	10114	BV113	1.3.6.1.4.1.9839.2.1.1.113.0
114	Temp of rack sensor below setpoint - T5	R	T1_Lo_alm	D	10115	10115	BV114	1.3.6.1.4.1.9839.2.1.1.114.0
115	Temp of rack sensor below setpoint - T6	R	T2_Lo_alm	D	10116	10116	BV115	1.3.6.1.4.1.9839.2.1.1.115.0
116	Temp of rack sensor below setpoint - T7	R	T1_Lo_alm	D	10117	10117	BV116	1.3.6.1.4.1.9839.2.1.1.116.0
117	Temp of rack sensor below setpoint - T8	R	T2_Lo_alm	D	10118	10118	BV117	1.3.6.1.4.1.9839.2.1.1.117.0
118	Temp of rack sensor below setpoint - T9	R	T1_Lo_alm	D	10119	10119	BV118	1.3.6.1.4.1.9839.2.1.1.118.0
119	Temp of rack sensor below setpoint - T10	R	T2_Lo_alm	D	10120	10120	BV119	1.3.6.1.4.1.9839.2.1.1.119.0
120	Temp of rack sensor below setpoint - T11	R	T1_Lo_alm	D	10121	10121	BV120	1.3.6.1.4.1.9839.2.1.1.120.0
121	Temp of rack sensor below setpoint - T12	R	T2_Lo_alm	D	10122	10122	BV121	1.3.6.1.4.1.9839.2.1.1.121.0
122	Temp of rack sensor below setpoint - T13	R	T1_Lo_alm	D	10123	10123	BV122	1.3.6.1.4.1.9839.2.1.1.122.0
123	Temp of rack sensor below setpoint - T14	R	T2_Lo_alm	D	10124	10124	BV123	1.3.6.1.4.1.9839.2.1.1.123.0
124	Temp of rack sensor below setpoint - T15	R	T1_Lo_alm	D	10125	10125	BV124	1.3.6.1.4.1.9839.2.1.1.124.0
125	Temp of rack sensor below setpoint - T16	R	T2_Lo_alm	D	10126	10126	BV125	1.3.6.1.4.1.9839.2.1.1.125.0
126	Temp of rack sensor below setpoint - T17	R	T1_Lo_alm	D	10127	10127	BV126	1.3.6.1.4.1.9839.2.1.1.126.0
127	Temp of rack sensor below setpoint - T18	R	T2_Lo_alm	D	10128	10128	BV127	1.3.6.1.4.1.9839.2.1.1.127.0
128	Temp of rack sensor below setpoint - T19	R	T1_Lo_alm	D	10129	10129	BV128	1.3.6.1.4.1.9839.2.1.1.128.0
129	Temp of rack sensor below setpoint - T20	R	T2_Lo_alm	D	10130	10130	BV129	1.3.6.1.4.1.9839.2.1.1.129.0
142	Lost communications to external temp module	R	Ext_T_Offline_alm	D	10143	10143	BV142	1.3.6.1.4.1.9839.2.1.1.142.0
143	Airside economizer feature enabled	R	Economizer_En	D	10144	10144	BV143	1.3.6.1.4.1.9839.2.1.1.143.0
144	BMS control of custom alarm output relay (if enabled)	R/W	BMS_Custom_Out	D	00145	00145	BV144	1.3.6.1.4.1.9839.2.1.1.144.0
145	Airflow enabled by unit or zone master	R	Air_Flow_en	D	10146	10146	BV145	1.3.6.1.4.1.9839.2.1.1.145.0
146	Compressor VFD alarm	R	VFD_alm	D	10147	10147	BV146	1.3.6.1.4.1.9839.2.1.1.146.0
147	Rack sensor mode 0=use highest 1=use average	R	Hi_Ave	D	10148	10148	BV147	1.3.6.1.4.1.9839.2.1.1.147.0
148	Controller size 0=mini dsp4 1=Large dsp4	R	pCO_Large	D	10149	10149	BV148	1.3.6.1.4.1.9839.2.1.1.148.0
149	Power meter offline alarm	R	PM_Offline_alm	D	10150	10150	BV149	1.3.6.1.4.1.9839.2.1.1.149.0
150	Power phase lost alarm	R	Phase_alm	D	10151	10151	BV150	1.3.6.1.4.1.9839.2.1.1.150.0
151	Lights On (gPOD only)	R	Lights_On	D	10152	10152	BV151	1.3.6.1.4.1.9839.2.1.1.151.0
152	Enable CO2 control (gPOD only)	R/W	CO2_en	D	00153	00153	BV152	1.3.6.1.4.1.9839.2.1.1.152.0
153	Power meter feature is enabled	R	P_Meter_en	D	10154	10154	BV153	1.3.6.1.4.1.9839.2.1.1.153.0
154	CO2 solenoid valve output (gPOD only)	R	CO2_On	D	10155	10155	BV154	1.3.6.1.4.1.9839.2.1.1.154.0
155	Enable high CO2 level alarm (gPOD only)	R/W	CO2_High_alm_en	D	00156	00156	BV155	1.3.6.1.4.1.9839.2.1.1.155.0
156	Enable low CO2 level alarm (gPOD only)	R/W	CO2_Low_alm_en	D	00157	00157	BV156	1.3.6.1.4.1.9839.2.1.1.156.0
157	CO2 Low level alarm (gPOD only)	R	CO2_Lo_alm	D	10158	10158	BV157	1.3.6.1.4.1.9839.2.1.1.157.0
158	Enable CO2 control at night (gPOD only)	R/W	CO2_Offset	D	00159	00159	BV158	1.3.6.1.4.1.9839.2.1.1.158.0
159	C1 superheat high alarm	R	C1_SH_High_alm	D	10160	10160	BV159	1.3.6.1.4.1.9839.2.1.1.159.0
160	C2 superheat high alarm	R	C2_SH_High_alm	D	10161	10161	BV160	1.3.6.1.4.1.9839.2.1.1.160.0
161	C2 superheat low alarm	R	C1_SH_Low_alm	D	10162	10162	BV161	1.3.6.1.4.1.9839.2.1.1.161.0
162	One of the condenser fans has an alarm condition	R	CondFan_alm	D	10163	10163	BV162	1.3.6.1.4.1.9839.2.1.1.162.0
163	One of the evaporator fans has an alarm condition	R	EvapFan_alm	D	10164	10164	BV163	1.3.6.1.4.1.9839.2.1.1.163.0
164	C1 superheat low alarm	R	C1_SH_Low_alm	D	10165	10165	BV164	1.3.6.1.4.1.9839.2.1.1.164.0
165	Enable slower fan speed to aid dehum mode	R/W	Dehum_Speed_en	D	00166	00166	BV165	1.3.6.1.4.1.9839.2.1.1.165.0
166	Low suction pressure alarm C1	R	Low_Suc_Prs1_alm	D	10167	10167	BV166	1.3.6.1.4.1.9839.2.1.1.166.0
167	Low suction pressure alarm C2	R	Low_Suc_Prs2_alm	D	10168	10168	BV167	1.3.6.1.4.1.9839.2.1.1.167.0
168	Active alarm present	R	Alarm_ON	D	10169	10169	BV168	1.3.6.1.4.1.9839.2.1.1.168.0
173	Low discharge air temperature alarm shutdown	R	Disch_Air_lo_alm_sd	D	10174	10174	BV173	1.3.6.1.4.1.9839.2.1.1.173.0
174	Custom alarm #3	R	Alm_Out3	D	10175	10175	BV174	1.3.6.1.4.1.9839.2.1.1.174.0
175	Custom alarm #4	R	Alm_Out4	D	10176	10176	BV175	1.3.6.1.4.1.9839.2.1.1.175.0
176	Force rotation in ZM network	R/W	Force_Rot	D	00177	00177	BV176	1.3.6.1.4.1.9839.2.1.1.176.0
177	Emergency mode active closes outside air damper	R	Emergency	D	10178	10178	BV177	1.3.6.1.4.1.9839.2.1.1.177.0
179	Loss of power (requires opt Power Cap)	R	AC_Lost_alm	D	10180	10180	BV179	1.3.6.1.4.1.9839.2.1.1.179.0
180	EVD valve 1 motor fault	R	EVO_Motor_alm	D	10181	10181	BV180	1.3.6.1.4.1.9839.2.1.1.180.0
181	Enable Airseal fan speed in standby mode	R/W	Airseal_en	D	00182	00182	BV181	1.3.6.1.4.1.9839.2.1.1.181.0
182	EVD C1 high evap temp alarm	R	EVO_Hi_EvapT_alm	D	10183	10183	BV182	1.3.6.1.4.1.9839.2.1.1.182.0
183	Envelope Alarm (will shut down compressor)	R	C1_Envelope_alm	D	10184	10184	BV183	1.3.6.1.4.1.9839.2.1.1.183.0
184	Option input #2 (CO2 sensor on gPOD) sensor failure	R	Opt2_fail	D	10185	10185	BV184	1.3.6.1.4.1.9839.2.1.1.184.0
185	EVD pressure sensor (S1) fault	R	EVO_S1_alm	D	10186	10186	BV185	1.3.6.1.4.1.9839.2.1.1.185.0
186	C2 out of envelope alarm	R	C2_Envelope_alm	D	10187	10187	BV186	1.3.6.1.4.1.9839.2.1.1.186.0
187	EVD Temperature sensor (S2) fault	R	EVO_S2_alm	D	10188	10188	BV187	1.3.6.1.4.1.9839.2.1.1.187.0
188	Allow offset to cooling setpoint if fan is running at max speed	R/W	En_SP_Offset	D	00189	00189	BV188	1.3.6.1.4.1.9839.2.1.1.188.0
189	Enable low discharge temperature alarm	R/W	Disch_Air_lo_alm_en	D	00190	00190	BV189	1.3.6.1.4.1.9839.2.1.1.189.0
190	Enable hi humidity alarm	R/W	Hum_hi_alm_en	D	00191	00191	BV190	1.3.6.1.4.1.9839.2.1.1.190.0
192	EVD Offline alarm	R	EVO_Offline_alm	D	10193	10193	BV192	1.3.6.1.4.1.9839.2.1.1.192.0
193	High Hot gas line temp alarm	R	HG_Temp_alm	D	10194	10194	BV193	1.3.6.1.4.1.9839.2.1.1.193.0
194	EVD sensor 3 fault	R	EVO_S3_alm	D	10195	10195	BV194	1.3.6.1.4.1.9839.2.1.1.194.0
195	EVD sensor 4 fault	R	EVO_S4_alm	D	10196	10196	BV195	1.3.6.1.4.1.9839.2.1.1.195.0
196	High Static Air Pressure alarm	R	Hi_Static_Pr_alm	D	10197	10197	BV196	1.3.6.1.4.1.9839.2.1.1.196.0
197	Enable low humidity alarm	R/W	Hum_lo_alm_en	D	00198	00198	BV197	1.3.6.1.4.1.9839.2.1.1.197.0
198	Enable high return temp alarm	R/W	RA_Tmp_hi_alm_en	D	00199	00199	BV198	1.3.6.1.4.1.9839.2.1.1.198.0
199	Enable low return temp alarm	R/W	RA_Tmp_lo_alm_en	D	00200	00200	BV199	1.3.6.1.4.1.9839.2.1.1.199.0
200	CO2 High level alarm (gPOD only)	R	CO2_Hi_alm	D	10201	10201	BV200	1.3.6.1.4.1.9839.2.1.1.200.0
204	C2 High Hot Gas Temp	R	C2_HG_Temp_alm	D	10205	10205	BV204	1.3.6.1.4.1.9839.2.1.1.2