Register Map: Uniflair LE DX Air-Cooled, Water-Cooled, Energy-Saving Cooling Units

Part Numbers:
990-91026B
06MC0135@00B0110

Notes:
1. 16-bit registers (INT16, UINT16, ENUM) are transmitted MSB first (i.e., big -endian).
2. INT32 and UINT32 are most-significant word in n+0, least significant word in n+1 (i.e. big-endian).
3. Reads can be performed with function codes 3, or 4. Writes can be performed with function code 16, or with function code 6 to registers with length 1.
4. Modbus serial RTU and Modbus over TCP is supported.
5. Signed numbers (INT16, INT32, ENUM) are twos-compliment
6. Status bits are atomic within a single Modbus register. User should not look for consistency across multiple registers, only within a single register.
7. Strings are two characters per register, first character in high-order byte, second character in low-order byte. Printable ASCII only.
8. When writing an ASCII string the null terminator must be included.
9. Single-register reads of reserved or undefined registers will return an error. Block reads which begin with a valid register will not return an error but will return zeros for undefined registers.
10. Data Type column:
    "INT16" = signed 16-bit integer,
    "UINT16" = unsigned 16-bit integer,
    "INT32" = signed 32-bit integer,
    "UINT32" = unsigned 32-bit integer,
    "ENUM" = signed 16-bit integer which maps to a defined list of states,
    "ASCII" = the printable ASCII subset from 0x20 - 0x7E,
    "STREAM" = raw data ranging from 0x00 - 0xFF.
11. "Absolute Starting Register Address" = 0 (the column heading used in this table) is equivalent to "Register 40001" in Modicon terminology, which is address zero when transmitted over the wire.
12. Accesses to items before data is available will result in an invalid address error.
13. Response Timeout Guide: A single register response is typically less than 100 ms; however, reading a large number of registers may take 2 seconds or more.

Modicon Standard (6 digit) Register Number	Absolute Starting Register Number (Hexadecimal)	Absolute Starting Register Number (Decimal)	Data Point	R/W	Register Length (1 = 2 bytes)	Data Type	Scale	Units	Valid Response
System ID									
400001	0000	0	Model Number	R	15	ASCII			
400016	000F	15	Serial Number	R	10	ASCII			
400026	0019	25	Application Firmware Revision	R	12	ASCII			
400038	0025	37	Hardware Revision	R	4	ASCII			
400042	0029	41	Manufacture Date	R	6	ASCII			
400048	002F	47	Development Firmware Revision	R	16	ASCII			
400064	003F	63	Controller Bootloader Revision	R	15	ASCII			
400079	004E	78	PIC1 Firmware Revision	R	20	ASCII			
400099	0062	98	PIC1 Bootloader Firmware Revision	R	10	ASCII			
400109	006C	108	PIC2 Firmware Revision	R	10	ASCII			
400129	0080	128	PIC2 Bootloader Firmware Revision	R	10	ASCII			
400139	008A	138	AP9520TP Firmware Revision	R	4	ASCII			
Unit Status									
401001	03E8	1000	Unit State	R	1	ENUM			0 = Initializing; 1 = Delay; 2 = Maintenance; 3 = Off; 4 = Standby; 5 = Opening Damper , 6 = No Demand, 7 = Cooling, 8 = Dehumidify, 9 = Dehumidify Inhibit, 10 = Idle
401002	03E9	1001	Active Power Source	R	1	ENUM			0 = Line A; 1 = Line B; 2 = Battery
401003	03EA	1002	Unit Off/On	R	1	ENUM			0 = Off; 1 = On
401004	03EB	1003	Shutdown Input State	R	1	ENUM			0 = Open; 1 = Closed
401005	03EC	1004	Air Damper	R	1	ENUM			0 = Open; 1 = Closed
401006	03ED	1005	Free Cooling Damper	R	1	UINT16	1	%	
401007	03EE	1006	Chilled Water Valve Position	R	1	UINT16	10	%	
401008	03EF	1007	Ultracapacitor Capacity	R	1	UINT16	1	%	
Environment Status (US)									
402001	07D0	2000	Supply Temperature	R	1	INT16	1	F	
402002	07D1	2001	Outdoor Air Temperature	R	1	INT16	1	F	
402003	07D2	2002	Entering Chilled Water Temperature	R	1	INT16	1	F	
402004	07D3	2003	Leaving Chilled Water Temperature	R	1	INT16	1	F	
402005	07D4	2004	Return Temperature	R	1	INT16	1	F	
402006	07D5	2005	Dew Point Temperature	R	1	INT16	1	F	
402007	07D6	2006	Return Humidity	R	1	INT16	1	%RH	
402008	07D7	2007	Return Humidity	R	1	INT16	1	gr/lbm	
402009	07D8	2008	Air Pressure	R	1	INT16	2	"WC	
402010	07D9	2009	Remote Temperature Maximum	R	1	INT16	1	F	
402011	07DA	2010	Remote Temperature Minimum	R	1	INT16	1	F	
402012	07DB	2011	Remote Temperature Average	R	1	INT16	1	F	
402013	07DC	2012	Pod 1 Sensors Present	R	1	UINT16	1		
402014	07DD	2013	Pod 2 Sensors Present	R	1	UINT16	1		
402015	07DE	2014	Pod 3 Sensors Present	R	1	UINT16	1		
402016	07DF	2015	Pod 4 Sensors Present	R	1	UINT16	1		
402017	07E0	2016	Pod 5 Sensors Present	R	1	UINT16	1		
402018	07E1	2017	Pod 6 Sensors Present	R	1	UINT16	1		

402019	07E2	2018	Pod 7 Sensors Present	R	1	UINT16	1		
402020	07E3	2019	Pod 8 Sensors Present	R	1	UINT16	1		
402021	07E4	2020	Pod 9 Sensors Present	R	1	UINT16	1		
402022	07E5	2021	Pod 10 Sensors Present	R	1	UINT16	1		
402023	07E6	2022	Pod 11 Sensors Present	R	1	UINT16	1		
402024	07E7	2023	Pod 12 Sensors Present	R	1	UINT16	1		
402025	07E8	2024	Pod 1 Remote Air Temperature 1	R	1	INT16	1	F	
402026	07E9	2025	Pod 1 Remote Air Temperature 2	R	1	INT16	1	F	
402027	07EA	2026	Pod 1 Remote Air Temperature 3	R	1	INT16	1	F	
402028	07EB	2027	Pod 1 Remote Air Temperature 4	R	1	INT16	1	F	
402029	07EC	2028	Pod 1 Remote Air Temperature 5	R	1	INT16	1	F	
402030	07ED	2029	Pod 1 Remote Air Temperature 6	R	1	INT16	1	F	
402031	07EE	2030	Pod 2 Remote Air Temperature 1	R	1	INT16	1	F	
402032	07EF	2031	Pod 2 Remote Air Temperature 2	R	1	INT16	1	F	
402033	07F0	2032	Pod 2 Remote Air Temperature 3	R	1	INT16	1	F	
402034	07F1	2033	Pod 2 Remote Air Temperature 4	R	1	INT16	1	F	
402035	07F2	2034	Pod 2 Remote Air Temperature 5	R	1	INT16	1	F	
402036	07F3	2035	Pod 2 Remote Air Temperature 6	R	1	INT16	1	F	
402037	07F4	2036	Pod 3 Remote Air Temperature 1	R	1	INT16	1	F	
402038	07F5	2037	Pod 3 Remote Air Temperature 2	R	1	INT16	1	F	
402039	07F6	2038	Pod 3 Remote Air Temperature 3	R	1	INT16	1	F	
402040	07F7	2039	Pod 3 Remote Air Temperature 4	R	1	INT16	1	F	
402041	07F8	2040	Pod 3 Remote Air Temperature 5	R	1	INT16	1	F	
402042	07F9	2041	Pod 3 Remote Air Temperature 6	R	1	INT16	1	F	
402043	07FA	2042	Pod 4 Remote Air Temperature 1	R	1	INT16	1	F	
402044	07FB	2043	Pod 4 Remote Air Temperature 2	R	1	INT16	1	F	
402045	07FC	2044	Pod 4 Remote Air Temperature 3	R	1	INT16	1	F	
402046	07FD	2045	Pod 4 Remote Air Temperature 4	R	1	INT16	1	F	
402047	07FE	2046	Pod 4 Remote Air Temperature 5	R	1	INT16	1	F	
402048	07FF	2047	Pod 4 Remote Air Temperature 6	R	1	INT16	1	F	
402049	0800	2048	Pod 5 Remote Air Temperature 1	R	1	INT16	1	F	
402050	0801	2049	Pod 5 Remote Air Temperature 2	R	1	INT16	1	F	
402051	0802	2050	Pod 5 Remote Air Temperature 3	R	1	INT16	1	F	
402052	0803	2051	Pod 5 Remote Air Temperature 4	R	1	INT16	1	F	
402053	0804	2052	Pod 5 Remote Air Temperature 5	R	1	INT16	1	F	
402054	0805	2053	Pod 5 Remote Air Temperature 6	R	1	INT16	1	F	
402055	0806	2054	Pod 6 Remote Air Temperature 1	R	1	INT16	1	F	
402056	0807	2055	Pod 6 Remote Air Temperature 2	R	1	INT16	1	F	
402057	0808	2056	Pod 6 Remote Air Temperature 3	R	1	INT16	1	F	
402058	0809	2057	Pod 6 Remote Air Temperature 4	R	1	INT16	1	F	
402059	080A	2058	Pod 6 Remote Air Temperature 5	R	1	INT16	1	F	
402060	080B	2059	Pod 6 Remote Air Temperature 6	R	1	INT16	1	F	
402061	080C	2060	Pod 7 Remote Air Temperature 1	R	1	INT16	1	F	
402062	080D	2061	Pod 7 Remote Air Temperature 2	R	1	INT16	1	F	
402063	080E	2062	Pod 7 Remote Air Temperature 3	R	1	INT16	1	F	
402064	080F	2063	Pod 7 Remote Air Temperature 4	R	1	INT16	1	F	
402065	0810	2064	Pod 7 Remote Air Temperature 5	R	1	INT16	1	F	
402066	0811	2065	Pod 7 Remote Air Temperature 6	R	1	INT16	1	F	
402067	0812	2066	Pod 8 Remote Air Temperature 1	R	1	INT16	1	F	
402068	0813	2067	Pod 8 Remote Air Temperature 2	R	1	INT16	1	F	
402069	0814	2068	Pod 8 Remote Air Temperature 3	R	1	INT16	1	F	
402070	0815	2069	Pod 8 Remote Air Temperature 4	R	1	INT16	1	F	
402071	0816	2070	Pod 8 Remote Air Temperature 5	R	1	INT16	1	F	
402072	0817	2071	Pod 8 Remote Air Temperature 6	R	1	INT16	1	F	
402073	0818	2072	Pod 9 Remote Air Temperature 1	R	1	INT16	1	F	
402074	0819	2073	Pod 9 Remote Air Temperature 2	R	1	INT16	1	F	
402075	081A	2074	Pod 9 Remote Air Temperature 3	R	1	INT16	1	F	
402076	081B	2075	Pod 9 Remote Air Temperature 4	R	1	INT16	1	F	
402077	081C	2076	Pod 9 Remote Air Temperature 5	R	1	INT16	1	F	
402078	081D	2077	Pod 9 Remote Air Temperature 6	R	1	INT16	1	F	
402079	081E	2078	Pod 10 Remote Air Temperature 1	R	1	INT16	1	F	
402080	081F	2079	Pod 10 Remote Air Temperature 2	R	1	INT16	1	F	
402081	0820	2080	Pod 10 Remote Air Temperature 3	R	1	INT16	1	F	
402082	0821	2081	Pod 10 Remote Air Temperature 4	R	1	INT16	1	F	
402083	0822	2082	Pod 10 Remote Air Temperature 5	R	1	INT16	1	F	
402084	0823	2083	Pod 10 Remote Air Temperature 6	R	1	INT16	1	F	

402085	0824	2084	Pod 11 Remote Air Temperature 1	R	1	INT16	1	F	
402086	0825	2085	Pod 11 Remote Air Temperature 2	R	1	INT16	1	F	
402087	0826	2086	Pod 11 Remote Air Temperature 3	R	1	INT16	1	F	
402088	0827	2087	Pod 11 Remote Air Temperature 4	R	1	INT16	1	F	
402089	0828	2088	Pod 11 Remote Air Temperature 5	R	1	INT16	1	F	
402090	0829	2089	Pod 11 Remote Air Temperature 6	R	1	INT16	1	F	
402091	082A	2090	Pod 12 Remote Air Temperature 1	R	1	INT16	1	F	
402092	082B	2091	Pod 12 Remote Air Temperature 2	R	1	INT16	1	F	
402093	082C	2092	Pod 12 Remote Air Temperature 3	R	1	INT16	1	F	
402094	082D	2093	Pod 12 Remote Air Temperature 4	R	1	INT16	1	F	
402095	082E	2094	Pod 12 Remote Air Temperature 5	R	1	INT16	1	F	
402096	082F	2095	Pod 12 Remote Air Temperature 6	R	1	INT16	1	F	
402097	0830	2096	Air Filter Pressure	R	1	INT16	2	"WC	
402098	0831	2097	Left Supply Temperature	R	1	INT16	1	F	
402099	0832	2098	Right Supply Temperature	R	1	INT16	1	F	
402100	0833	2099	Local Air Pressure	R	1	INT16	2	"WC	
Compressor 1 (US)									
403001	0BB8	3000	Compressor 1	R	1	ENUM			0 = Off; 1 = On
403002	0BB9	3001	Circuit 1 Suction Temperature	R	1	INT16	1	F	
403003	0BBA	3002	Circuit 1 Suction Evaporation Temperature	R	1	INT16	1	F	
403004	0BBB	3003	Circuit 1 Discharge Condensing Temperature	R	1	INT16	1	F	
403005	0BBC	3004	Circuit 1 Superheat Temperature	R	1	INT16	1	F	
403006	0BBD	3005	Circuit 1 Suction Pressure	R	1	UINT16	1	psi	
403007	0BBE	3006	Circuit 1 Discharge Pressure	R	1	UINT16	1	psi	
403008	0BBF	3007	Circuit 1 EXV Position	R	1	UINT16	2	%	
403009	0BC0	3008	Compressor Speed	R	1	UINT16	1	Hz	
403010	0BC1	3009	Liquid Line	R	1	ENUM			0 = Open; 1 = Closed
403011	0BC2	3010	Oil Separator	R	1	ENUM			0 = Open; 1 = Closed
Compressor 2 (US)									
403501	0DAC	3500	Compressor 2	R	1	ENUM			0 = Off; 1 = On
403502	0DAD	3501	Circuit 2 Suction Temperature	R	1	INT16	1	F	
403503	0DAE	3502	Circuit 2 Suction Evaporation Temperature	R	1	INT16	1	F	
403504	0DAF	3503	Circuit 2 Discharge Condensing Temperature	R	1	INT16	1	F	
403505	0DB0	3504	Circuit 2 Superheat Temperature	R	1	INT16	1	F	
403506	0DB1	3505	Circuit 2 Suction Pressure	R	1	UINT16	1	psi	
403507	0DB2	3506	Circuit 2 Discharge Pressure	R	1	UINT16	1	psi	
403508	0DB3	3507	Circuit 2 EXV Position	R	1	UINT16	2	%	
403509	0DB4	3508	Compressor Speed	R	1	UINT16	1	Hz	
403510	0DB5	3509	Liquid Line	R	1	ENUM			0 = Open; 1 = Closed
403511	0DB6	3510	Oil Separator	R	1	ENUM			0 = Open; 1 = Closed
Fan Status (US)									
404001	0FA0	4000	Evaporator Fan Speed	R	1	INT16	1	%	
404002	0FA1	4001	AFC Airflow Status	R	1	ENUM			0 = Under; 1 = Okay; 2 = Over; 3 = N/A
404003	0FA2	4002	Dry Cooler Fan Speed	R	1	UINT16	1	%	
404004	0FA3	4003	Evap Fan Error Code	R	2	UINT32	0		
404006	0FA5	4005	Evap Fan Error Code	R	2	UINT32	0		
404008	0FA7	4007	Evap Fan Error Code	R	2	UINT32	0		
404009	0FA8	4008	Evaporator Fan Power	R	1	INT16	0	W	
Condenser Status (US)									
404501	1194	4500	Condensing Valve Position	R	1	UINT16	1	%	
404502	1195	4501	Condenser Setpoint	R	1	INT16	1	F	
404503	1196	4502	Condenser Fan Speed	R	1	UINT16	1	%	
404504	1197	4503	Condenser Fan Speed	R	1	UINT16	1	%	
Additional Environment Status (US)									
404601	11F8	4600	Outside Humidity	R	1	INT16	1	%RH	
404602	11F9	4601	Outside Humidity	R	1	INT16	1	g/Kg	
Environment Status (Metric)									
405001	1388	5000	Supply Temperature	R	1	INT16	1	C	
405002	1389	5001	Outdoor Air Temperature	R	1	INT16	1	C	
405003	138A	5002	Entering Chilled Water Temperature	R	1	INT16	1	C	
405004	138B	5003	Leaving Chilled Water Temperature	R	1	INT16	1	C	
405005	138C	5004	Return Temperature	R	1	INT16	1	C	
405006	138D	5005	Dew Point Temperature	R	1	INT16	1	C	
405007	138E	5006	Return Humidity	R	1	INT16	1	%RH	
405008	138F	5007	Return Humidity	R	1	INT16	1	g/Kg	
405009	1390	5008	Air Pressure	R	1	INT16	1	Pa	

405010	1391	5009	Remote Temperature Maximum	R	1	INT16	1	C	
405011	1392	5010	Remote Temperature Minimum	R	1	INT16	1	C	
405012	1393	5011	Remote Temperature Average	R	1	INT16	1	C	
405013	1394	5012	Pod 1 Sensors Present	R	1	UINT16	1		
405014	1395	5013	Pod 2 Sensors Present	R	1	UINT16	1		
405015	1396	5014	Pod 3 Sensors Present	R	1	UINT16	1		
405016	1397	5015	Pod 4 Sensors Present	R	1	UINT16	1		
405017	1398	5016	Pod 5 Sensors Present	R	1	UINT16	1		
405018	1399	5017	Pod 6 Sensors Present	R	1	UINT16	1		
405019	139A	5018	Pod 7 Sensors Present	R	1	UINT16	1		
405020	139B	5019	Pod 8 Sensors Present	R	1	UINT16	1		
405021	139C	5020	Pod 9 Sensors Present	R	1	UINT16	1		
405022	139D	5021	Pod 10 Sensors Present	R	1	UINT16	1		
405023	139E	5022	Pod 11 Sensors Present	R	1	UINT16	1		
405024	139F	5023	Pod 12 Sensors Present	R	1	UINT16	1		
405025	13A0	5024	Pod 1 Remote Air Temperature 1	R	1	INT16	1	C	
405026	13A1	5025	Pod 1 Remote Air Temperature 2	R	1	INT16	1	C	
405027	13A2	5026	Pod 1 Remote Air Temperature 3	R	1	INT16	1	C	
405028	13A3	5027	Pod 1 Remote Air Temperature 4	R	1	INT16	1	C	
405029	13A4	5028	Pod 1 Remote Air Temperature 5	R	1	INT16	1	C	
405030	13A5	5029	Pod 1 Remote Air Temperature 6	R	1	INT16	1	C	
405031	13A6	5030	Pod 2 Remote Air Temperature 1	R	1	INT16	1	C	
405032	13A7	5031	Pod 2 Remote Air Temperature 2	R	1	INT16	1	C	
405033	13A8	5032	Pod 2 Remote Air Temperature 3	R	1	INT16	1	C	
405034	13A9	5033	Pod 2 Remote Air Temperature 4	R	1	INT16	1	C	
405035	13AA	5034	Pod 2 Remote Air Temperature 5	R	1	INT16	1	C	
405036	13AB	5035	Pod 2 Remote Air Temperature 6	R	1	INT16	1	C	
405037	13AC	5036	Pod 3 Remote Air Temperature 1	R	1	INT16	1	C	
405038	13AD	5037	Pod 3 Remote Air Temperature 2	R	1	INT16	1	C	
405039	13AE	5038	Pod 3 Remote Air Temperature 3	R	1	INT16	1	C	
405040	13AF	5039	Pod 3 Remote Air Temperature 4	R	1	INT16	1	C	
405041	13B0	5040	Pod 3 Remote Air Temperature 5	R	1	INT16	1	C	
405042	13B1	5041	Pod 3 Remote Air Temperature 6	R	1	INT16	1	C	
405043	13B2	5042	Pod 4 Remote Air Temperature 1	R	1	INT16	1	C	
405044	13B3	5043	Pod 4 Remote Air Temperature 2	R	1	INT16	1	C	
405045	13B4	5044	Pod 4 Remote Air Temperature 3	R	1	INT16	1	C	
405046	13B5	5045	Pod 4 Remote Air Temperature 4	R	1	INT16	1	C	
405047	13B6	5046	Pod 4 Remote Air Temperature 5	R	1	INT16	1	C	
405048	13B7	5047	Pod 4 Remote Air Temperature 6	R	1	INT16	1	C	
405049	13B8	5048	Pod 5 Remote Air Temperature 1	R	1	INT16	1	C	
405050	13B9	5049	Pod 5 Remote Air Temperature 2	R	1	INT16	1	C	
405051	13BA	5050	Pod 5 Remote Air Temperature 3	R	1	INT16	1	C	
405052	13BB	5051	Pod 5 Remote Air Temperature 4	R	1	INT16	1	C	
405053	13BC	5052	Pod 5 Remote Air Temperature 5	R	1	INT16	1	C	
405054	13BD	5053	Pod 5 Remote Air Temperature 6	R	1	INT16	1	C	
405055	13BE	5054	Pod 6 Remote Air Temperature 1	R	1	INT16	1	C	
405056	13BF	5055	Pod 6 Remote Air Temperature 2	R	1	INT16	1	C	
405057	13C0	5056	Pod 6 Remote Air Temperature 3	R	1	INT16	1	C	
405058	13C1	5057	Pod 6 Remote Air Temperature 4	R	1	INT16	1	C	
405059	13C2	5058	Pod 6 Remote Air Temperature 5	R	1	INT16	1	C	
405060	13C3	5059	Pod 6 Remote Air Temperature 6	R	1	INT16	1	C	
405061	13C4	5060	Pod 7 Remote Air Temperature 1	R	1	INT16	1	C	
405062	13C5	5061	Pod 7 Remote Air Temperature 2	R	1	INT16	1	C	
405063	13C6	5062	Pod 7 Remote Air Temperature 3	R	1	INT16	1	C	
405064	13C7	5063	Pod 7 Remote Air Temperature 4	R	1	INT16	1	C	
405065	13C8	5064	Pod 7 Remote Air Temperature 5	R	1	INT16	1	C	
405066	13C9	5065	Pod 7 Remote Air Temperature 6	R	1	INT16	1	C	
405067	13CA	5066	Pod 8 Remote Air Temperature 1	R	1	INT16	1	C	
405068	13CB	5067	Pod 8 Remote Air Temperature 2	R	1	INT16	1	C	
405069	13CC	5068	Pod 8 Remote Air Temperature 3	R	1	INT16	1	C	
405070	13CD	5069	Pod 8 Remote Air Temperature 4	R	1	INT16	1	C	
405071	13CE	5070	Pod 8 Remote Air Temperature 5	R	1	INT16	1	C	
405072	13CF	5071	Pod 8 Remote Air Temperature 6	R	1	INT16	1	C	
405073	13D0	5072	Pod 9 Remote Air Temperature 1	R	1	INT16	1	C	
405074	13D1	5073	Pod 9 Remote Air Temperature 2	R	1	INT16	1	C	
405075	13D2	5074	Pod 9 Remote Air Temperature 3	R	1	INT16	1	C	

405076	13D3	5075	Pod 9 Remote Air Temperature 4	R	1	INT16	1	C	
405077	13D4	5076	Pod 9 Remote Air Temperature 5	R	1	INT16	1	C	
405078	13D5	5077	Pod 9 Remote Air Temperature 6	R	1	INT16	1	C	
405079	13D6	5078	Pod 10 Remote Air Temperature 1	R	1	INT16	1	C	
405080	13D7	5079	Pod 10 Remote Air Temperature 2	R	1	INT16	1	C	
405081	13D8	5080	Pod 10 Remote Air Temperature 3	R	1	INT16	1	C	
405082	13D9	5081	Pod 10 Remote Air Temperature 4	R	1	INT16	1	C	
405083	13DA	5082	Pod 10 Remote Air Temperature 5	R	1	INT16	1	C	
405084	13DB	5083	Pod 10 Remote Air Temperature 6	R	1	INT16	1	C	
405085	13DC	5084	Pod 11 Remote Air Temperature 1	R	1	INT16	1	C	
405086	13DD	5085	Pod 11 Remote Air Temperature 2	R	1	INT16	1	C	
405087	13DE	5086	Pod 11 Remote Air Temperature 3	R	1	INT16	1	C	
405088	13DF	5087	Pod 11 Remote Air Temperature 4	R	1	INT16	1	C	
405089	13E0	5088	Pod 11 Remote Air Temperature 5	R	1	INT16	1	C	
405090	13E1	5089	Pod 11 Remote Air Temperature 6	R	1	INT16	1	C	
405091	13E2	5090	Pod 12 Remote Air Temperature 1	R	1	INT16	1	C	
405092	13E3	5091	Pod 12 Remote Air Temperature 2	R	1	INT16	1	C	
405093	13E4	5092	Pod 12 Remote Air Temperature 3	R	1	INT16	1	C	
405094	13E5	5093	Pod 12 Remote Air Temperature 4	R	1	INT16	1	C	
405095	13E6	5094	Pod 12 Remote Air Temperature 5	R	1	INT16	1	C	
405096	13E7	5095	Pod 12 Remote Air Temperature 6	R	1	INT16	1	C	
405097	13E8	5096	Air Filter Pressure	R	1	INT16	2	Pa	
405098	13E9	5097	Left Supply Temperature	R	1	INT16	1	C	
405099	13EA	5098	Right Supply Temperature	R	1	INT16	1	C	
405100	13EB	5099	Local Air Pressure	R	1	INT16	1	Pa	
Compressor 1 Status (Metric)									
406001	1770	6000	Compressor 1	R	1	ENUM			0 = Off; 1 = On
406002	1771	6001	Circuit 1 Suction Temperature	R	1	INT16	1	C	
406003	1772	6002	Circuit 1 Suction Evaporation Temperature	R	1	INT16	1	C	
406004	1773	6003	Circuit 1 Discharge Condensing Temperature	R	1	INT16	1	C	
406005	1774	6004	Circuit 1 Superheat Temperature	R	1	INT16	1	C	
406006	1775	6005	Circuit 1 Suction Pressure	R	1	UINT16	1	bar	
406007	1776	6006	Circuit 1 Discharge Pressure	R	1	UINT16	1	bar	
406008	1777	6007	Circuit 1 EXV Position	R	1	UINT16	2	%	
406009	1778	6008	Compressor Speed	R	1	UINT16	1	Hz	
406010	1779	6009	Liquid Line	R	1	ENUM			0 = Open; 1 = Closed
406011	177A	6010	Oil Separator	R	1	ENUM			0 = Open; 1 = Closed
Compressor 2 Status (Metric)									
406501	1964	6500	Compressor 2	R	1	ENUM			0 = Off; 1 = On
406502	1965	6501	Circuit 2 Suction Temperature	R	1	INT16	1	C	
406503	1966	6502	Circuit 2 Suction Evaporation Temperature	R	1	INT16	1	C	
406504	1967	6503	Circuit 2 Discharge Condensing Temperature	R	1	INT16	1	C	
406505	1968	6504	Circuit 2 Superheat Temperature	R	1	INT16	1	C	
406506	1969	6505	Circuit 2 Suction Pressure	R	1	UINT16	1	bar	
406507	196A	6506	Circuit 2 Discharge Pressure	R	1	UINT16	1	bar	
406508	196B	6507	Circuit 2 EXV Position	R	1	UINT16	2	%	
406509	196C	6508	Compressor Speed	R	1	UINT16	1	Hz	
406510	196D	6509	Liquid Line	R	1	ENUM			0 = Open; 1 = Closed
406511	196E	6510	Oil Separator	R	1	ENUM			0 = Open; 1 = Closed
Fan Status (Metric)									
407001	1B58	7000	Evaporator Fan Speed	R	1	INT16	1	%	
407002	1B59	7001	AFC Airflow Status	R	1	ENUM			0 = Under; 1 = Okay; 2 = Over; 3 = N/A
407003	1B5A	7002	Dry Cooler Fan Speed	R	1	UINT16	1	%	
407004	1B5B	7003	Evap Fan Error Code	R	2	UINT32	0		
407006	1B5D	7005	Evap Fan Error Code	R	2	UINT32	0		
407008	1B5F	7007	Evap Fan Error Code	R	2	UINT32	0		
407009	1B60	7008	Evaporator Fan Power	R	1	INT16	0	W	
Condenser Status (Metric)									
407501	1D4C	7500	Condensing Valve Position	R	1	UINT16	1	%	
407502	1D4D	7501	Condenser Setpoint	R	1	INT16	1	C	
407503	1D4E	7502	Condenser Fan Speed	R	1	UINT16	1	%	
407504	1D4F	7503	Condenser Fan Speed	R	1	UINT16	1	%	
Additional Environment Status (Metric)									
407601	1DB0	7600	Outside Humidity	R	1	INT16	1	%RH	
407602	1DB1	7601	Outside Humidity	R	1	INT16	1	g/Kg	

Humdifier Status									
408001	1F40	8000	Humidifier Current	R	1	UINT16	1	A	
408002	1F41	8001	Humidifier Water Conductivity	R	1	UINT16	0	uS/cm	
408003	1F42	8002	Humidifier Actual Production	R	1	UINT16	1	Kg/h	
408004	1F43	8003	Humidifier Cylinder Life	R	1	UINT16	0	hr	
Heater Status									
408201	2008	8200	Heater 1	R	1	ENUM			0 = Off; 1 = On
408202	2009	8201	Heater 2	R	1	ENUM			0 = Off; 1 = On
Energy Saving Status									
408401	20D0	8400	Energy Saver Modulating Valve Position	R	1	UINT16	1	%	
408402	20D1	8401	Energy Saver Choke Valve Position	R	1	UINT16	1	%	
408403	20D2	8402	BPHE Bypass Valve Position	R	1	ENUM			0 = Opened; 1 = Closed; 2 = In Transit-Opening; 3 = In Transit-Closing
Energy Meter									
408601	2198	8600	V1 to V2 Voltage	R	1	UINT16	1	V	
408602	2199	8601	V2 to V3 Voltage	R	1	UINT16	1	V	
408603	219A	8602	V3 to V1 Voltage	R	1	UINT16	1	V	
408604	219B	8603	Line to Line Average Voltage	R	1	UINT16	1	V	
408605	219C	8604	V1 to Neutral Voltage	R	1	UINT16	1	V	
408606	219D	8605	V2 to Neutral Voltage	R	1	UINT16	1	V	
408607	219E	8606	V3 to Neutral Voltage	R	1	UINT16	1	V	
408608	219F	8607	Line to Neutral Average Voltage	R	1	UINT16	1	V	
408609	21A0	8608	Phase 1 Current	R	1	UINT16	1	A	
408610	21A1	8609	Phase 2 Current	R	1	UINT16	1	A	
408611	21A2	8610	Phase 3 Current	R	1	UINT16	1	A	
408612	21A3	8611	Average Current	R	1	UINT16	1	A	
408613	21A4	8612	Active Power	R	1	UINT16	2	kW	
408614	21A5	8613	Reactive Power	R	1	UINT16	2	kVAr	
408615	21A6	8614	Apparent Power	R	1	UINT16	2	kVA	
408616	21A7	8615	Load Classification	R	1	ENUM			0 = Resistive; 1 = Inductive; 2 = Capacitive
408617	21A8	8616	Power Factor	R	1	UINT16	2		
408618	21A9	8617	Frequency	R	1	UINT16	1	Hz	
408619	21AA	8618	Active Energy	R	2	UINT32	0	Wh	
408621	21AC	8620	Reactive Energy	R	2	UINT32	0	VArh	
Run Hours									
409001	2328	9000	Compressor 1 Run Hours	R	2	UINT32	0	hr	
409003	232A	9002	Compressor 2 Run Hours	R	2	UINT32	0	hr	
409005	232C	9004	Compressor 1 Cycle Count	R	2	UINT32	0		
409007	232E	9006	Compressor 2 Cycle Count	R	2	UINT32	0		
409009	2330	9008	Evaporator Fan 1 Run Hours	R	2	UINT32	0	hr	
409011	2332	9010	Evaporator Fan 2 Run Hours	R	2	UINT32	0	hr	
409013	2334	9012	Evaporator Fan 3 Run Hours	R	2	UINT32	0	hr	
409015	2336	9014	Heater 1 Run Hours	R	2	UINT32	0	hr	
409017	2338	9016	Heater 2 Run Hours	R	2	UINT32	0	hr	
409019	233A	9018	Air Filter Run Hours	R	2	UINT32	0	hr	
409021	233C	9020	System Run Hours	R	2	UINT32	0	hr	
409023	233E	9022	Humidifier Run Hours	R	2	UINT32	0	hr	
409025	2340	9024	DX Only Run Hours	R	2	UINT32	0	hr	
409027	2342	9026	Energy Saver Run Hours	R	2	UINT32	0	hr	
409029	2344	9028	DX plus Energy Saver Run Hours	R	2	UINT32	0	hr	
409031	2346	9030	Free Cooling Run Hours	R	2	UINT32	0	hr	
409033	2348	9032	DX plus Free Cooling Run Hours	R	2	UINT32	0	hr	
409035	234A	9034	Chilled Water Run Hours	R	2	UINT32	0	hr	
409037	234C	9036	DX plus Chilled Water Run Hours	R	2	UINT32	0	hr	
Service Intervals									
409201	23F0	9200	Air Filter Service Alarm Enable	R	1	ENUM			0 = Disable; 1 = Enable
409202	23F1	9201	Air Filter Service Interval	R	1	UINT16	0	weeks	
409203	23F2	9202	Reset Air Filter Service Alarm	R	1	ENUM			0 = Not Reset; 1 = Reset
409204	23F3	9203	Unit Service Alarm Enable	R	1	ENUM			0 = Disable; 1 = Enable
409205	23F4	9204	Unit Service Alarm Interval	R	1	UINT16	0	weeks	
409206	23F5	9205	Reset Unit Service Alarm	R	1	ENUM			0 = Not Reset; 1 = Reset
Run Hours Reset									
409401	24B8	9400	Compressor 1 Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409402	24B9	9401	Compressor 2 Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409403	24BA	9402	Compressor 1 Cycle Count Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409404	24BB	9403	Compressor 2 Cycle Count Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409405	24BC	9404	Fan 1 Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset

409406	24BD	9405	Fan 2 Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409407	24BE	9406	Fan 3 Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409408	24BF	9407	Heater 1 Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409409	24C0	9408	Heater 2 Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409410	24C1	9409	Air Filter Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409411	24C2	9410	System Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409412	24C3	9411	Humidifier Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409413	24C4	9412	DX Only Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409414	24C5	9413	Energy Saver Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409415	24C6	9414	DX plus Energy Saver Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409416	24C7	9415	Free Cooling Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409417	24C8	9416	DX plus Free Cooling Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409418	24C9	9417	Chilled Water Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
409419	24CA	9418	DX plus Chilled Water Run Hours Reset	R/W	1	ENUM			0 = Not Reset; 1 = Reset
Environment Configuration (US)									
410001	2710	10000	Altitude	R/W	1	INT16	0	ft	
410002	2711	10001	Return Air Setpoint	R/W	1	UINT16	1	F	
410003	2712	10002	Supply Air Setpoint	R/W	1	UINT16	1	F	
410004	2713	10003	Remote Temperature Setpoint	R/W	1	UINT16	1	F	
410005	2714	10004	Humidification Setpoint	R/W	1	UINT16	1	gr/lbm	
410006	2715	10005	Humidification Setpoint	R/W	1	UINT16	1	%RH	
410007	2716	10006	Humidification Proportional Band	R/W	1	UINT16	0	gr/lbm	
410008	2717	10007	Humidification Proportional Band	R/W	1	UINT16	0	%RH	
410009	2718	10008	Dehumidification Setpoint	R/W	1	UINT16	1	gr/lbm	
410010	2719	10009	Dehumidification Setpoint	R/W	1	UINT16	1	%RH	
410011	271A	10010	Reheat Setpoint	R/W	1	UINT16	1	F	
410012	271B	10011	Air Proving Threshold	R/W	1	UINT16	2	"WC	
410013	271C	10012	Energy Saver Dry Cooler Enable Threshold	R/W	1	UINT16	1	F	
410014	271D	10013	Energy Saver Coil Enable Threshold	R/W	1	UINT16	1	F	
410015	271E	10014	Dry Cooler Winter Temperature Setpoint	R/W	1	UINT16	1	F	
410016	271F	10015	Dry Cooler Summer Temperature Setpoint	R/W	1	UINT16	1	F	
410017	2720	10016	Return Temperature Low Threshold	R/W	1	UINT16	1	F	
410018	2721	10017	Return Temperature High Threshold	R/W	1	UINT16	1	F	
410019	2722	10018	Supply Temperature High Threshold	R/W	1	UINT16	1	F	
410020	2723	10019	Humidity Low Threshold	R/W	1	UINT16	1	%RH	
410021	2724	10020	Humidity High Threshold	R/W	1	UINT16	1	%RH	
410022	2725	10021	Humidity Low Threshold	R/W	1	UINT16	1	gr/lbm	
410023	2726	10022	Humidity High Threshold	R/W	1	UINT16	1	gr/lbm	
410024	2727	10023	Clogged Air Filter Threshold	R/W	1	UINT16	2	"WC	
410025	2728	10024	Remote Temperature Low Threshold	R/W	1	UINT16	1	F	
410026	2729	10025	Remote Temperature High Threshold	R/W	1	UINT16	1	F	
410027	272A	10026	Supply Temperature Low Threshold	R/W	1	UINT16	1	F	
410028	272B	10027	Group Supply Air Setpoint	R	1	UINT16	1	F	
410029	272C	10028	Twin Cool Chilled Water Threshold	R/W	1	UINT16	1	F	
Environment Configuration (Metric)									
411001	2AF8	11000	Altitude	R/W	1	INT16	0	m	
411002	2AF9	11001	Return Air Setpoint	R/W	1	UINT16	1	C	
411003	2AFA	11002	Supply Air Setpoint	R/W	1	UINT16	1	C	
411004	2AFB	11003	Remote Temperature Setpoint	R/W	1	UINT16	1	C	
411005	2AFC	11004	Humidification Setpoint	R/W	1	UINT16	1	g/Kg	
411006	2AFD	11005	Humidification Setpoint	R/W	1	UINT16	1	%RH	
411007	2AFE	11006	Humidification Proportional Band	R/W	1	UINT16	0	g/Kg	
411008	2AFF	11007	Humidification Proportional Band	R/W	1	UINT16	0	%RH	
411009	2B00	11008	Dehumidification Setpoint	R/W	1	UINT16	1	g/Kg	
411010	2B01	11009	Dehumidification Setpoint	R/W	1	UINT16	1	%RH	
411011	2B02	11010	Reheat Setpoint	R/W	1	UINT16	1	C	
411012	2B03	11011	Air Proving Threshold	R/W	1	UINT16	1	Pa	
411013	2B04	11012	Energy Saver Dry Cooler Enable Threshold	R/W	1	UINT16	1	C	
411014	2B05	11013	Energy Saver Coil Enable Threshold	R/W	1	UINT16	1	C	
411015	2B06	11014	Dry Cooler Winter Temperature Setpoint	R/W	1	UINT16	1	C	
411016	2B07	11015	Dry Cooler Summer Temperature Setpoint	R/W	1	UINT16	1	C	
411017	2B08	11016	Return Temperature Low Threshold	R/W	1	UINT16	1	C	
411018	2B09	11017	Return Temperature High Threshold	R/W	1	UINT16	1	C	
411019	2B0A	11018	Supply Temperature High Threshold	R/W	1	UINT16	1	C	
411020	2B0B	11019	Humidity Low Threshold	R/W	1	UINT16	1	%RH	
411021	2B0C	11020	Humidity High Threshold	R/W	1	UINT16	1	%RH	

411022	2B0D	11021	Humidity Low Threshold	R/W	1	UINT16	1	g/Kg	
411023	2B0E	11022	Humidity High Threshold	R/W	1	UINT16	1	g/Kg	
411024	2B0F	11023	Clogged Air Filter Threshold	R/W	1	UINT16	1	Pa	
411025	2B10	11024	Remote Temperature Low Threshold	R/W	1	UINT16	1	C	
411026	2B11	11025	Remote Temperature High Threshold	R/W	1	UINT16	1	C	
411027	2B12	11026	Supply Temperature Low Threshold	R/W	1	UINT16	1	C	
411028	2B13	11027	Group Supply Air Setpoint	R	1	UINT16	1	C	
411029	2B14	11028	Twin Cool Chilled Water Threshold	R/W	1	UINT16	1	C	
Unit Configuration									
412001	2EE0	12000	Startup Delay	R/W	1	UINT16	0	sec	
412002	2EE1	12001	Idle on Leak Detect	R/W	1	ENUM			0 = No; 1 = Yes
412003	2EE2	12002	Fan Control Type	R/W	1	ENUM			0 = Constant Speed; 1 = Proportional To Demand; 2 = Under Floor; 3 = HACS; 4 = CACS
412004	2EE3	12003	Fan Speed	R/W	1	UINT16	0	%	
412005	2EE4	12004	Maximum Fan Speed	R/W	1	UINT16	0	%	
412006	2EE5	12005	Minimum Fan Speed	R/W	1	UINT16	0	%	
412007	2EE6	12006	Fan Off Delay	R/W	1	UINT16	0	sec	
412008	2EE7	12007	Internal AFC	R/W	1	ENUM			0 = No; 1 = Yes
412009	2EE8	12008	Motorized Damper	R/W	1	ENUM			0 = No; 1 = Yes
412010	2EE9	12009	Motorized Damper Opening Time	R/W	1	UINT16	0	sec	
412011	2EEA	12010	Motorized Damper Output Contact Normal State	R/W	1	ENUM			0 = Normally Open; 1 = Normally Closed
412012	2EEB	12011	Compressor Speed During Dehumidification	R/W	1	UINT16	1	%	
412013	2EEC	12012	Reheat Enable	R/W	1	ENUM			0 = Disabled; 1 = Enabled
412014	2EED	12013	Humidification Enable	R/W	1	ENUM			0 = Disabled; 1 = Enabled
412015	2EEE	12014	Humidifier Mode	R/W	1	ENUM			0 = Automatic; 1 = Manual Drain
412016	2EEF	12015	Humidifier Process Variable	R/W	1	ENUM			0 = Relative Humidity; 1 = Mixing Ratio
412017	2EF0	12016	Humidifier Conductivity Warning Threshold	R/W	1	UINT16	0	uS/cm	
412018	2EF1	12017	Humidifier Conductivity Alarm Threshold	R/W	1	UINT16	0	uS/cm	
412019	2EF2	12018	Chilled Water Outlet Temperature Sensor Present	R/W	1	ENUM			0 = No; 1 = Yes
412020	2EF3	12019	Dry Cooler Control Type	R/W	1	ENUM			0 = Discrete; 1 = Modulated
412021	2EF4	12020	Disable Heater On Primary Power Loss	R/W	1	ENUM			0 = No; 1 = Yes
412022	2EF5	12021	Disable Humidifier On Primary Loss	R/W	1	ENUM			0 = No; 1 = Yes
412023	2EF6	12022	Disable Compressors On Primary Loss	R/W	1	ENUM			0 = No; 1 = Yes
412024	2EF7	12023	Disable Fans On Primary Loss	R/W	1	ENUM			0 = No; 1 = Yes
412025	2EF8	12024	Alarm On Set To Off	R/W	1	ENUM			0 = No; 1 = Yes
412026	2EF9	12025	Reset Active Alarms	R/W	1	ENUM			0 = No; 1 = Yes
412027	2EFA	12026	Shutdown Input Present	R/W	1	ENUM			0 = No; 1 = Yes
412028	2EFB	12027	Compressor For Dehumidification	R/W	1	ENUM			0 = Circuit 1; 1 = Circuit 2
412029	2EFC	12028	Free Cooling Enable	R/W	1	ENUM			0 = No; 1 = Yes
412030	2EFD	12029	Free Cooling Mode	R/W	1	ENUM			0 = Fixed Enthalpy; 1 = Differential Enthalpy
412031	2EFE	12030	Humidity Limit Enable	R/W	1	ENUM			0 = No; 1 = Yes
412032	2EFF	12031	Twin Cool Primary Mode	R/W	1	ENUM			0 = Not Configured; 1 = Compressor; 2 = Chilled Water
412033	2F00	12032	Twin Cool Recovery Assist	R/W	1	ENUM			0 = Disabled; 1 = Enabled
Group Configuration									
413001	32C8	13000	Temperature Control Mode	R/W	1	ENUM			0 = Return Temperature; 1 = Supply Temperature; 2 = Remote Temperature
413002	32C9	13001	Number of Units in Group	R/W	1	UINT16	0		
413003	32CA	13002	Number of Standby Units	R/W	1	UINT16	0		
413004	32CB	13003	Number of AFCs	R/W	1	UINT16	0		
413005	32CC	13004	Cooling Assist	R/W	1	ENUM			0 = Disabled; 1 = Enabled
413006	32CD	13005	Dehumidification Assist	R/W	1	ENUM			0 = Disabled; 1 = Enabled
413007	32CE	13006	Humidification Assist	R/W	1	ENUM			0 = Disabled; 1 = Enabled
413008	32CF	13007	Remote Temperature Control Mode	R/W	1	ENUM			0 = Average; 1 = Maximum
413009	32D0	13008	Number of Remote Temperature Sensors	R/W	1	UINT16	0		
413010	32D1	13009	Preferred Role	R/W	1	ENUM			0 = Automatic; 1 = Primary Only
413011	32D2	13010	Run Time Balancing	R/W	1	ENUM			0 = Disabled; 1 = Enabled
413012	32D3	13011	Switchover Handoff Time	R/W	1	UINT16	0	min	
413013	32D4	13012	Switchover Mode	R/W	1	ENUM			0 = Runtime Difference; 1 = Time Relative; 2 = Day of Week
413014	32D5	13013	Runtime Balancing Difference	R/W	1	UINT16	0	hr	
413015	32D6	13014	Relative Switchover Time	R/W	1	UINT16	0	min	
413016	32D7	13015	Relative Switchover Time	R/W	1	UINT16	0	hr	
413017	32D8	13016	Relative Switchover Time	R/W	1	UINT16	0	days	
413018	32D9	13017	Day of Week Switchover Time	R/W	1	UINT16	0	min	
413019	32DA	13018	Day of Week Switchover Time	R/W	1	UINT16	0	hr	
413020	32DB	13019	Day of Week Switchover Time	R/W	1	ENUM			0 = Sun; 1 = Mon; 2 = Tue; 3 = Wed; 4 = Thr; 5 = Fri; 6 = Sat
Service Compressor 1 Configuraion (US)									
413101	332C	13100	Compressor 1 Minimum On Time	R	1	UINT16	0	sec	
413102	332D	13101	Compressor 1 Interval Between Starts	R	1	UINT16	0	sec	

413103	332E	13102	Compressor 1 Max Operating Evap Temperature	R	1	INT16	1	F	
413104	332F	13103	Compressor 1 Min Operating Evap. Temperature	R	1	INT16	1	F	
413105	3330	13104	Compressor 1 Max Operating Cond. Temperature	R	1	INT16	1	F	
413106	3331	13105	Compressor 1 Low Evap. Temperature Cut Out	R	1	INT16	1	F	
413107	3332	13106	Compressor 1 Low Evap. Temperature Warning	R	1	INT16	1	F	
413108	3333	13107	Compressor 1 Pump Down Pressure Cut Out	R	1	UINT16	1	psi	
413109	3334	13108	Compressor 1 Pump Down Pressure Cut In	R	1	UINT16	1	psi	
413110	3335	13109	Low Evap. Temperature Holdoff Time	R	1	UINT16	0	sec	
413111	3336	13110	Bank 1 Max Condenser Temperature y1	R	1	INT16	1	F	
413112	3337	13111	Bank 1 Min Condenser Temperature y2	R	1	INT16	1	F	
413113	3338	13112	Bank 1 Max Evap. Temperature x1	R	1	INT16	1	F	
413114	3339	13113	Bank 1 Min Evap. Temperature x2	R	1	INT16	1	F	
413115	333A	13114	Circuit 1 Startup Evap Temperature Holdoff Time	R	1	UINT16	0	sec	
413116	333B	13115	Circuit 1 Superheat Setpoint	R	1	UINT16	1	F	
413117	333C	13116	Circuit 1 Minimum EXV Position	R	1	UINT16	2	%	
413118	333D	13117	Circuit 1 Starting EXV Position	R	1	UINT16	2	%	
413119	333E	13118	Circuit 1 Superheat PID Gain Coefficient	R	1	UINT16	2		
413120	333F	13119	Circuit 1 Superheat PID Integral Coefficient	R	1	UINT16	2		
413121	3340	13120	Circuit 1 Superheat PID Derivative Coefficient	R	1	UINT16	2		
413122	3341	13121	Compressor 1 Startup Evap Temperature	R	1	INT16	1	F	
413123	3342	13122	Compressor 1 Model	R	1	ENUM			-1 = Not Configured; 0 = None; 1 = DCJ121T4; 2 = DSH140A4; 3 = DSH161A4; 4 = DSH240A4; 5 = VZH044; 6 = VZH088; 7 = VZH117
413124	3343	13123	Compressor 1 Pump Down	R	1	ENUM			0 = Disable; 1 = Enable, 2 = Only On Compressor Off
413125	3344	13124	Compressor 1 Pump Down Timeout	R	1	UINT16	0	sec	
Service Compressor 2 Configuration (US)									
413176	3377	13175	Compressor 2 Minimum On Time	R	1	UINT16	0	sec	
413177	3378	13176	Compressor 2 Interval Between Starts	R	1	UINT16	0	sec	
413178	3379	13177	Compressor 2 Max Operating Evap Temperature	R	1	INT16	1	F	
413179	337A	13178	Compressor 2 Min Operating Evap. Temperature	R	1	INT16	1	F	
413180	337B	13179	Compressor 2 Max Operating Cond. Temperature	R	1	INT16	1	F	
413181	337C	13180	Compressor 2 Low Evap. Temperature Cut Out	R	1	INT16	1	F	
413182	337D	13181	Compressor 2 Low Evap. Temperature Warning	R	1	INT16	1	F	
413183	337E	13182	Compressor 2 Pump Down Pressure Cut Out	R	1	UINT16	1	psi	
413184	337F	13183	Compressor 2 Pump Down Pressure Cut In	R	1	UINT16	1	psi	
413185	3380	13184	Low Evap. Temperature Holdoff Time	R	1	UINT16	0	sec	
413186	3381	13185	Bank 2 Max Condenser Temperature y1	R	1	INT16	1	F	
413187	3382	13186	Bank 2 Min Condenser Temperature y2	R	1	INT16	1	F	
413188	3383	13187	Bank 2 Max Evap. Temperature x1	R	1	INT16	1	F	
413189	3384	13188	Bank 2 Min Evap. Temperature x2	R	1	INT16	1	F	
413190	3385	13189	Circuit 2 Startup Evap Temperature Holdoff Time	R	1	UINT16	0	sec	
413191	3386	13190	Circuit 2 Superheat Setpoint	R	1	UINT16	1	F	
413192	3387	13191	Circuit 2 Minimum EXV Position	R	1	UINT16	2	%	
413193	3388	13192	Circuit 2 Starting EXV Position	R	1	UINT16	2	%	
413194	3389	13193	Circuit 2 Superheat PID Gain Coefficient	R	1	UINT16	2		
413195	338A	13194	Circuit 2 Superheat PID Integral Coefficient	R	1	UINT16	2		
413196	338B	13195	Circuit 2 Superheat PID Derivative Coefficient	R	1	UINT16	2		
413197	338C	13196	Compressor 2 Startup Evap Temperature	R	1	INT16	1	F	
413198	338D	13197	Compressor 2 Model	R	1	ENUM			-1 = Not Configured; 0 = None; 1 = DCJ121T4; 2 = DSH140A4; 3 = DSH161A4; 4 = DSH240A4; 5 = VZH044; 6 = VZH088; 7 = VZH117
413199	338E	13198	Compressor 2 Pump Down	R	1	ENUM			0 = Disable; 1 = Enable, 2 = Only On Compressor Off
413200	338F	13199	Compressor 2 Pump Down Timeout	R	1	UINT16	0	sec	
Service Compressor 1 Configuration (Metric)									
413251	33C2	13250	Compressor 1 Minimum On Time	R	1	UINT16	0	sec	
413252	33C3	13251	Compressor 1 Interval Between Starts	R	1	UINT16	0	sec	
413253	33C4	13252	Compressor 1 Max Operating Evap Temperature	R	1	INT16	1	C	
413254	33C5	13253	Compressor 1 Min Operating Evap. Temperature	R	1	INT16	1	C	
413255	33C6	13254	Compressor 1 Max Operating Cond. Temperature	R	1	INT16	1	C	
413256	33C7	13255	Compressor 1 Low Evap. Temperature Cut Out	R	1	INT16	1	C	
413257	33C8	13256	Compressor 1 Low Evap. Temperature Warning	R	1	INT16	1	C	
413258	33C9	13257	Compressor 1 Pump Down Pressure Cut Out	R	1	UINT16	1	bar	
413259	33CA	13258	Compressor 1 Pump Down Pressure Cut In	R	1	UINT16	1	bar	
413260	33CB	13259	Low Evap. Temperature Holdoff Time	R	1	UINT16	0	sec	
413261	33CC	13260	Bank 1 Max Condenser Temperature y1	R	1	INT16	1	C	
413262	33CD	13261	Bank 1 Min Condenser Temperature y2	R	1	INT16	1	C	
413263	33CE	13262	Bank 1 Max Evap. Temperature x1	R	1	INT16	1	C	
413264	33CF	13263	Bank 1 Min Evap. Temperature x2	R	1	INT16	1	C	

413265	33D0	13264	Circuit 1 Startup Evap Temperature Holdoff Time	R	1	UINT16	0	sec	
413266	33D1	13265	Circuit 1 Superheat Setpoint	R	1	UINT16	1	C	
413267	33D2	13266	Circuit 1 Minimum EXV Position	R	1	UINT16	2	%	
413268	33D3	13267	Circuit 1 Starting EXV Position	R	1	UINT16	2	%	
413269	33D4	13268	Circuit 1 Superheat PID Gain Coefficient	R	1	UINT16	2		
413270	33D5	13269	Circuit 1 Superheat PID Integral Coefficient	R	1	UINT16	2		
413271	33D6	13270	Circuit 1 Superheat PID Derivative Coefficient	R	1	UINT16	2		
413272	33D7	13271	Compressor 1 Startup Evap Temperature	R	1	INT16	1	C	
413273	33D8	13272	Compressor 1 Model	R	1	ENUM			-1 = Not Configured; 0 = None; 1 = DCJ121T4; 2 = DSH140A4; 3 = DSH161A4; 4 = DSH240A4; 5 = VZH044; 6 = VZH088; 7 = VZH117
413274	33D9	13273	Compressor 1 Pump Down	R	1	ENUM			0 = No; 1 = Yes
413275	33DA	13274	Compressor 1 Pump Down Timeout	R	1	UINT16	0	sec	
Service Compressor 2 Configuraion (Metric)									
413326	340D	13325	Compressor 2 Minimum On Time	R	1	UINT16	0	sec	
413327	340E	13326	Compressor 2 Interval Between Starts	R	1	UINT16	0	sec	
413328	340F	13327	Compressor 2 Max Operating Evap Temperature	R	1	INT16	1	C	
413329	3410	13328	Compressor 2 Min Operating Evap. Temperature	R	1	INT16	1	C	
413330	3411	13329	Compressor 2 Max Operating Cond. Temperature	R	1	INT16	1	C	
413331	3412	13330	Compressor 2 Low Evap. Temperature Cut Out	R	1	INT16	1	C	
413332	3413	13331	Compressor 2 Low Evap. Temperature Warning	R	1	INT16	1	C	
413333	3414	13332	Compressor 2 Pump Down Pressure Cut Out	R	1	UINT16	1	bar	
413334	3415	13333	Compressor 2 Pump Down Pressure Cut In	R	1	UINT16	1	bar	
413335	3416	13334	Low Evap. Temperature Holdoff Time	R	1	UINT16	0	sec	
413336	3417	13335	Bank 2 Max Condenser Temperature y1	R	1	INT16	1	C	
413337	3418	13336	Bank 2 Min Condenser Temperature y2	R	1	INT16	1	C	
413338	3419	13337	Bank 2 Max Evap. Temperature x1	R	1	INT16	1	C	
413339	341A	13338	Bank 2 Min Evap. Temperature x2	R	1	INT16	1	C	
413340	341B	13339	Circuit 2 Startup Evap Temperature Holdoff Time	R	1	UINT16	0	sec	
413341	341C	13340	Circuit 2 Superheat Setpoint	R	1	UINT16	1	C	
413342	341D	13341	Circuit 2 Minimum EXV Position	R	1	UINT16	2	%	
413343	341E	13342	Circuit 2 Starting EXV Position	R	1	UINT16	2	%	
413344	341F	13343	Circuit 2 Superheat PID Gain Coefficient	R	1	UINT16	2		
413345	3420	13344	Circuit 2 Superheat PID Integral Coefficient	R	1	UINT16	2		
413346	3421	13345	Circuit 2 Superheat PID Derivative Coefficient	R	1	UINT16	2		
413347	3422	13346	Compressor 2 Startup Evap Temperature	R	1	INT16	1	C	
413348	3423	13347	Compressor 2 Model	R	1	ENUM			-1 = Not Configured; 0 = None; 1 = DCJ121T4; 2 = DSH140A4; 3 = DSH161A4; 4 = DSH240A4; 5 = VZH044; 6 = VZH088; 7 = VZH117
413349	3424	13348	Compressor 2 Pump Down	R	1	ENUM			0 = No; 1 = Yes
413350	3425	13349	Compressor 2 Pump Down Timeout	R	1	UINT16	0	sec	
Service Configuraion									
413401	3458	13400	Number of Evaporator Fans	R	1	UINT16	0		
413402	3459	13401	Dry Cooler Minimum Fan Speed	R	1	UINT16	0	%	
413403	345A	13402	Envelope Management Holdoff Time	R	1	UINT16	0	sec	
413404	345B	13403	Maximum Compressor Restarts	R	1	UINT16	0		
413405	345C	13404	Minimum Time Between Compressors	R	1	UINT16	0	sec	
413406	345D	13405	CT Primary Number Of Turns	R	1	UINT16	0		
413407	345E	13406	CT Secondary Number Of Turns	R	1	ENUM			-1 = Not Configured; 0 = 1; 1 = 5
413408	345F	13407	Humidify Assist Threshold	R	1	UINT16	1	%RH	
413409	3460	13408	Dehumidify Assist Threshold	R	1	UINT16	1	%RH	
413410	3461	13409	Dehumidification On Deadband	R	1	UINT16	1	%RH	
413411	3462	13410	Dehumidification Off Deadband	R	1	UINT16	1	%RH	
413412	3463	13411	Energy Saver Modulating Valve Minimum Position	R	1	UINT16	1	%	
413413	3464	13412	Energy Saver Modulating Valve Maximum Position	R	1	UINT16	1	%	
413414	3465	13413	Condenser Valve Minimum Position	R	1	UINT16	1	%	
413415	3466	13414	Condenser Valve Maximum Position	R	1	UINT16	1	%	
413416	3467	13415	Condenser Valve Starting Position	R	1	UINT16	1	%	
413417	3468	13416	Number of Condenser Fan Banks	R	1	UINT16	0		
413418	3469	13417	Number of Condenser Fans per Bank	R	1	UINT16	0		
413419	346A	13418	Unit Service Alarm Interval	R	1	UINT16	0	weeks	
413420	346B	13419	AFC PID Gain	R	1	UINT16	2		
413421	346C	13420	AFC PID Integral	R	1	UINT16	2		
413422	346D	13421	AFC PID Derivative	R	1	UINT16	2		
413423	346E	13422	Condenser Valve PID Gain Coefficient	R	1	UINT16	2		
413424	346F	13423	Condenser Valve PID Integral Coefficient	R	1	UINT16	2		
413425	3470	13424	Condenser Valve PID Derivative Coefficient	R	1	UINT16	2		
413426	3471	13425	Energy Saver PID Gain Coefficient	R	1	UINT16	2		

413427	3472	13426	Energy Saver PID Integral Coefficient	R	1	UINT16	2		
413428	3473	13427	Energy Saver PID Derivative Coefficient	R	1	UINT16	2		
413429	3474	13428	External Condenser PID Gain Coefficient	R	1	UINT16	2		
413430	3475	13429	External Condenser PID Integral Coefficient	R	1	UINT16	2		
413431	3476	13430	External Condenser PID Derivative Coefficient	R	1	UINT16	2		
413432	3477	13431	Remote Temperature Control PID Gain Coefficient	R	1	UINT16	2		
413433	3478	13432	Remote Temperature Control PID Integral Coefficient	R	1	UINT16	2		
413434	3479	13433	Remote Temperature Control PID Derivative Coefficient	R	1	UINT16	2		
413435	347A	13434	Local Temperature Control PID Gain Coefficient	R	1	UINT16	2		
413436	347B	13435	Local Temperature Control PID Integral Coefficient	R	1	UINT16	2		
413437	347C	13436	Local Temperature Control PID Derivative Coefficient	R	1	UINT16	2		
413438	347D	13437	Under Floor Pressure PID Gain Coefficient	R	1	UINT16	2		
413439	347E	13438	Under Floor Pressure PID Integral Coefficient	R	1	UINT16	2		
413440	347F	13439	Under Floor Pressure PID Derivative Coefficient	R	1	UINT16	2		
413441	3480	13440	Under Floor Local Pressure PID Gain Coefficient	R	1	UINT16	2		
413442	3481	13441	Under Floor Local Pressure PID Integral Coefficient	R	1	UINT16	2		
413443	3482	13442	Under Floor Local Pressure PID Derivative Coefficient	R	1	UINT16	2		
413444	3483	13443	Smoke Sensor	R	1	ENUM			0 = No; 1 = Yes
413445	3484	13444	Power Source	R	1	ENUM			0 = Single; 1 = Dual
413446	3485	13445	Model	R	1	ENUM			-1 = Not Configured; 0 = EBM; 1 = Ziehl-Abegg
413447	3486	13446	DX Circuit Configuration	R	1	ENUM			"-1 = Not Configured; 0 = Single Var Spd; 1 = Single Fix Spd; 2 = Ckt1 Fix Ckt2 Var; 3 = Ckt1 Fix Ckt2 Fix "
413448	3487	13447	Humidifier Canister Size	R	1	ENUM			-1 = Not Configured; 0 = 3; 1 = 5; 2 = 8; 3 = 9; 4 = 10; 5 = 15; 6 = 18
413449	3488	13448	Humidifier Controller	R	1	ENUM			-1 = Not Configured; 0 = KUETR; 1 = KUET1; 2 = KUET2; 3 = KUET3
413450	3489	13449	Humidifier Drain Device	R	1	ENUM			-1 = Not Configured; 0 = Valve; 1 = Pump
413451	348A	13450	AFC Setpoint	R	1	ENUM			0 = Positive; 1 = Slightly Positive; 2 = Zero; 3 = Slightly Negative; 4 = Negative
413452	348B	13451	Under Floor Pressure Measurement Source	R	1	ENUM			0 = Local; 1 = Group
413453	348C	13452	Under Floor Group Pressure Measurement Type	R	1	ENUM			0 = Average; 1 = Minimum
413454	348D	13453	Power System Configuration	R	1	ENUM			-1 = Not Configured; 0 = Three Wire; 1 = Four Wire
413455	348E	13454	Frequency	R	1	ENUM			-1 = Not Configured; 0 = 50 Hz; 1 = 60 Hz
413456	348F	13455	Coil Type	R	1	ENUM			-1 = Not Configured; 0 = DX; 1 = Energy Saving
413457	3490	13456	Heat Rejection Method	R	1	ENUM			-1 = Not Configured; 0 = Air Cooled; 1 = Water Cooled (Pressure Vlv.); 2 = Water Cooled (Reg. Vlv.)
413458	3491	13457	Dehumidification	R	1	ENUM			0 = Disabled; 1 = Enabled
413459	3492	13458	Heater	R	1	ENUM			-1 = Not Configured; 0 = None; 1 = Electric
413460	3493	13459	Humidifier	R	1	ENUM			-1 = Not Configured; 0 = None; 1 = Steam Electrode
413461	3494	13460	Voltage	R	1	ENUM			-1 = Not Configured; 0 = 208V; 1 = 230V; 2 = 400V; 3 = 460V; 4 = 575V
413462	3495	13461	Supply Temperature Sensor Present	R	1	ENUM			0 = No; 1 = Yes
413463	3496	13462	Condensate Drain Pump Present	R	1	ENUM			0 = No; 1 = Yes
413464	3497	13463	Energy Meter Present	R	1	ENUM			0 = No; 1 = Yes
413465	3498	13464	External Condenser Type	R	1	ENUM			0 = None; 1 = EC Fans; 2 = AC Fans
413466	3499	13465	Unit Service Alarm Enable	R	1	ENUM			0 = Disabled; 1 = Enabled
413467	349A	13466	Number of Condenser Controllers	R	1	ENUM			0 = 1; 1 = 2
413468	349B	13467	Enable Envelope Management	R	1	ENUM			0 = No; 1 = Yes
413469	349C	13468	Oil Sensor Power On Delay	R	1	UINT16	0	sec	
413470	349D	13469	Humidifier Inactivity Drain	R	1	ENUM			0 = Off; 1 = On
413471	349E	13470	Humidifier Inactivity Drain Delay	R	1	UINT16	0	days	
413472	349F	13471	Humidifier Periodic Drain	R	1	ENUM			0 = Off; 1 = On
413473	34A0	13472	Humidifier Perioidic Drain Delay	R	1	UINT16	0	hr	
413474	34A1	13473	Humidifier Foam Control Threshold	R	1	UINT16	0	%	
413475	34A2	13474	Humidfier Conductivity Control	R	1	UINT16	0	%	
413476	34A3	13475	Humidifier Duration of Drain to Dilute Cycle	R	1	UINT16	0	%	
413477	34A4	13476	Humidifier Cylinder Maintenance Limit	R	1	UINT16	0	hr	
413478	34A5	13477	VFD Model	R	1	ENUM			0 =CDS303-15K; 1 = CDS303-18K; 2 = CDS803-10K; 3 = Unknown
413479	34A6	13478	Enable Oil Return Management	R	1	ENUM			0 = Off; 1 = On
413480	34A7	13479	Low Speed Running Time	R	1	UINT16	0	min	
413481	34A8	13480	Fixed Boost Interval	R	1	UINT16	0	hr	
413482	34A9	13481	Boost Duration	R	1	UINT16	0	sec	
413483	34AA	13482	Air Proving Inhibit Time	R	1	UINT16	0	sec	
413484	34AB	13483	Minimum Compressor Speed CDS303	R	1	UINT16	1	Hz	
413485	34AC	13484	Minimum Compressor Speed CDS803	R	1	UINT16	1	Hz	
413486	34AD	13485	Maximum Compressor Speed	R	1	UINT16	1	Hz	
413487	34AE	13486	Humidity Sensor Present	R	1	ENUM			0 = No; 1 = Yes
413488	34AF	13487	Free Cooling Present	R	1	ENUM			0 = No; 1 = Yes
413489	34B0	13488	Free Cooling Minimum Damper Position	R	1	UINT16	1	%	
413490	34B1	13489	Free Cooling Maximum Damper Position	R	1	UINT16	1	%	

413491	34B2	13490	Free Cooling PID Gain Coefficient	R	1	UINT16	2		
413492	34B3	13491	Free Cooling PID Integral Coefficient	R	1	UINT16	2		
413493	34B4	13492	Free Cooling PID Derivative Coefficient	R	1	UINT16	2		
413494	34B5	13493	Chilled Water Valve Minimum Position	R	1	UINT16	1	%	
413495	34B6	13494	Chilled Water Valve Maximum Position	R	1	UINT16	1	%	
413496	34B7	13495	Twin Cool PID Gain Coefficient	R	1	UINT16	2		
413497	34B8	13496	Twin Cool PID Integral Coefficient	R	1	UINT16	2		
413498	34B9	13497	Twin Cool PID Derivative Coefficient	R	1	UINT16	2		
413499	34BA	13498	Ultracapacitor Present	R	1	ENUM			0 = No; 1 = Yes
Service Configuration (US)									
413501	34BC	13500	Fixed Speed Compressor On Deadband	R	1	UINT16	1	F	
413502	34BD	13501	Fixed Speed Compressor Off Deadband	R	1	UINT16	1	F	
413503	34BE	13502	Variable Speed Compressor Off Deadband	R	1	UINT16	1	F	
413504	34BF	13503	Operating Envelope Start Action Offset	R	1	UINT16	1	F	
413505	34C0	13504	Under Floor Pressure Setpoint	R	2	UINT32	2	WC	
413507	34C2	13506	Under Floor Local Pressure Setpoint	R	2	UINT32	2	WC	
413509	34C4	13508	Under Floor Low Pressure Threshold	R	2	UINT32	2	WC	
413511	34C6	13510	Under Floor Local Low Pressure Threshold	R	2	UINT32	2	WC	
413513	34C8	13512	Dehumidification On Deadband	R	1	UINT16	1	gr/lbm	
413514	34C9	13513	Dehumidification Off Deadband	R	1	UINT16	1	gr/lbm	
413515	34CA	13514	Reheat Deadband	R	1	UINT16	1	F	
413516	34CB	13515	Dry Cooler Fans Summer Proportional Band	R	1	UINT16	0	F	
413517	34CC	13516	Dry Cooler Winter Proportional Band	R	1	UINT16	0	F	
413518	34CD	13517	Dry Cooler Energy Saver Proportional Band	R	1	UINT16	0	F	
413519	34CE	13518	Cooling Assist Threshold	R	1	UINT16	1	F	
413520	34CF	13519	Humidify Assist Threshold	R	1	UINT16	1	gr/lbm	
413521	34D0	13520	Dehumidify Assist Threshold	R	1	UINT16	1	gr/lbm	
413522	34D1	13521	Minimum Indoor Humidity Ratio	R	1	UINT16	1	gr/lbm	
413523	34D2	13522	Maximum Indoor Humidity Ratio	R	1	UINT16	1	gr/lbm	
413524	34D3	13523	Outdoor Air Temperature Offset	R	1	UINT16	1	F	
413525	34D4	13524	Outdoor Humidity Ratio Threshold	R	1	UINT16	1	gr/lbm	
Service Configuraion (Metric)									
413551	34EE	13550	Fixed Speed Compressor On Deadband	R	1	UINT16	1	C	
413552	34EF	13551	Fixed Speed Compressor Off Deadband	R	1	UINT16	1	C	
413553	34F0	13552	Variable Speed Compressor Off Deadband	R	1	UINT16	1	C	
413554	34F1	13553	Operating Envelope Start Action Offset	R	1	UINT16	1	C	
413555	34F2	13554	Under Floor Pressure Setpoint	R	2	UINT32	0	Pa	
413557	34F4	13556	Under Floor Local Pressure Setpoint	R	2	UINT32	0	Pa	
413559	34F6	13558	Under Floor Low Pressure Threshold	R	2	UINT32	0	Pa	
413561	34F8	13560	Under Floor Local Low Pressure Threshold	R	2	UINT32	0	Pa	
413563	34FA	13562	Dehumidification On Deadband	R	1	UINT16	1	g/Kg	
413564	34FB	13563	Dehumidification Off Deadband	R	1	UINT16	1	g/Kg	
413565	34FC	13564	Reheat Deadband	R	1	UINT16	1	C	
413566	34FD	13565	Dry Cooler Fans Summer Proportional Band	R	1	UINT16	0	C	
413567	34FE	13566	Dry Cooler Winter Proportional Band	R	1	UINT16	0	C	
413568	34FF	13567	Dry Cooler Energy Saver Proportional Band	R	1	UINT16	0	C	
413569	3500	13568	Cooling Assist Threshold	R	1	UINT16	1	C	
413570	3501	13569	Humidify Assist Threshold	R	1	UINT16	1	g/Kg	
413571	3502	13570	Dehumidify Assist Threshold	R	1	UINT16	1	g/Kg	
413572	3503	13571	Minimum Indoor Humidity Ratio	R	1	UINT16	1	g/Kg	
413573	3504	13572	Maximum Indoor Humidity Ratio	R	1	UINT16	1	g/Kg	
413574	3505	13573	Outdoor Air Temperature Offset	R	1	UINT16	1	C	
413575	3506	13574	Outdoor Humidity Ratio Threshold	R	1	UINT16	1	g/Kg	
Rotate On Event Setup									
414001	36B0	14000	ANY_ALARM	R/W	1	ENUM			0 = No; 1 = Yes
414002	36B1	14001	ANY_CRITICAL_ALARM	R/W	1	ENUM			0 = No; 1 = Yes
414003	36B2	14002	UNEXPECTED_NUMBER_OF_UNITS_IN_GROUP	R/W	1	ENUM			0 = No; 1 = Yes
414004	36B3	14003	RETURN_AIR_HIGH_TEMPERATURE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414005	36B4	14004	RETURN_AIR_TEMPERATURE_LOW_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414006	36B5	14005	SUPPLY_AIR_HIGH_TEMPERATURE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414007	36B6	14006	HUMIDITY_HIGH_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414008	36B7	14007	HUMIDITY_LOW_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414009	36B8	14008	EVAP_FAN_1_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414010	36B9	14009	EVAP_FAN_2_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414011	36BA	14010	EVAP_FAN_3_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414012	36BB	14011	WATER_VALVE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes

414013	36BC	14012	ENERGY_SAVER_MODULATING_VALVE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414014	36BD	14013	ENERGY_SAVER_CHOKE_VALVE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414015	36BE	14014	OFF_DUE_TO_INPUT_CONTACT	R/W	1	ENUM			0 = No; 1 = Yes
414016	36BF	14015	UNIT_IS_IN_MAINTENANCE_MODE	R/W	1	ENUM			0 = No; 1 = Yes
414017	36C0	14016	NO_STANDBY_UNITS_AVAILABLE	R/W	1	ENUM			0 = No; 1 = Yes
414018	36C1	14017	MAINS_PHASE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414019	36C2	14018	ENERGY_METER_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414020	36C3	14019	HUMIDIFIER_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414021	36C4	14020	HUMIDIFIER_MN_CYLINDER_LIFE_EXPIRED	R/W	1	ENUM			0 = No; 1 = Yes
414022	36C5	14021	HUMIDIFIER_EC_HIGH_CONDUCTIVITY	R/W	1	ENUM			0 = No; 1 = Yes
414023	36C6	14022	HUMIDIFIER_E1_PARAMETERS_NOT_DOWNLOADED	R/W	1	ENUM			0 = No; 1 = Yes
414024	36C7	14023	HUMIDIFIER_E0_PARAMETERS_NOT_OK	R/W	1	ENUM			0 = No; 1 = Yes
414025	36C8	14024	HUMIDIFIER_EH_HIGH_CURRENT	R/W	1	ENUM			0 = No; 1 = Yes
414026	36C9	14025	HUMIDIFIER_EP_LOW_PRODUCTION	R/W	1	ENUM			0 = No; 1 = Yes
414027	36CA	14026	HUMIDIFIER_EU_FULL_CYLINDER	R/W	1	ENUM			0 = No; 1 = Yes
414028	36CB	14027	HUMIDIFIER_EF_NO_SUPPLY_WATER	R/W	1	ENUM			0 = No; 1 = Yes
414029	36CC	14028	HUMIDIFIER_ED_UNABLE_TO_DRAIN	R/W	1	ENUM			0 = No; 1 = Yes
414030	36CD	14029	HUMIDIFIER_CY_CYLINDER_LIFE_NEARLY_EXPIRED	R/W	1	ENUM			0 = No; 1 = Yes
414031	36CE	14030	HUMIDIFIER_EA_FOAM_DETECTED	R/W	1	ENUM			0 = No; 1 = Yes
414032	36CF	14031	HUMIDIFIER_CP_EXCESSIVE_SCALING	R/W	1	ENUM			0 = No; 1 = Yes
414033	36D0	14032	HUMIDIFIER_CL_CYLINDER_EXHAUSTED	R/W	1	ENUM			0 = No; 1 = Yes
414034	36D1	14033	HUMIDIFIER_E2_BACKUP_MEMORY_FAILED	R/W	1	ENUM			0 = No; 1 = Yes
414035	36D2	14034	VFD_MAINS_PHASE_LOSS	R/W	1	ENUM			0 = No; 1 = Yes
414036	36D3	14035	VFD_DC_LINK_VOLTAGE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
414037	36D4	14036	VFD_DC_LINK_VOLTAGE_LOW	R/W	1	ENUM			0 = No; 1 = Yes
414038	36D5	14037	VFD_DC_OVERVOLTAGE_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
414039	36D6	14038	VFD_DC_OVERVOLTAGE	R/W	1	ENUM			0 = No; 1 = Yes
414040	36D7	14039	VFD_DC_UNDERVOLTAGE_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
414041	36D8	14040	VFD_DC_UNDERVOLTAGE	R/W	1	ENUM			0 = No; 1 = Yes
414042	36D9	14041	VFD_CURRENT_OVERLOAD_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
414043	36DA	14042	VFD_CURRENT_OVERLOAD	R/W	1	ENUM			0 = No; 1 = Yes
414044	36DB	14043	VFD_MOTOR_OVER_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
414045	36DC	14044	VFD_MOTOR_THERMISTOR_OVER_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
414046	36DD	14045	VFD_TORQUE_LIMIT_EXCEEDED	R/W	1	ENUM			0 = No; 1 = Yes
414047	36DE	14046	VFD_PEAK_OVER_CURRENT	R/W	1	ENUM			0 = No; 1 = Yes
414048	36DF	14047	VFD_EARTH_FAULT	R/W	1	ENUM			0 = No; 1 = Yes
414049	36E0	14048	VFD_SHORT_CIRCUIT	R/W	1	ENUM			0 = No; 1 = Yes
414050	36E1	14049	VFD_MOTOR_PHASE_U_MISSING	R/W	1	ENUM			0 = No; 1 = Yes
414051	36E2	14050	VFD_MOTOR_PHASE_V_MISSING	R/W	1	ENUM			0 = No; 1 = Yes
414052	36E3	14051	VFD_MOTOR_PHASE_W_MISSING	R/W	1	ENUM			0 = No; 1 = Yes
414053	36E4	14052	VFD_INRUSH_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414054	36E5	14053	VFD_INTERNAL_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414055	36E6	14054	VFD_CONTROL_VOLTAGE_OVERLOADED	R/W	1	ENUM			0 = No; 1 = Yes
414056	36E7	14055	VFD_VD_D1_SUPPLY_LOW	R/W	1	ENUM			0 = No; 1 = Yes
414057	36E8	14056	VFD_SPEED_NOT_WITHIN_LIMITS	R/W	1	ENUM			0 = No; 1 = Yes
414058	36E9	14057	VFD_CURRENT_LIMIT_EXCEEDED	R/W	1	ENUM			0 = No; 1 = Yes
414059	36EA	14058	VFD_CONTROL_CARD_OVER_TEMPERATURE_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
414060	36EB	14059	VFD_CONTROL_CARD_OVER_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
414061	36EC	14060	VFD_HEATSINK_TEMPERATURE_LOW	R/W	1	ENUM			0 = No; 1 = Yes
414062	36ED	14061	VFD_POWER_CARD_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
414063	36EE	14062	VFD_DRIVE_INITIALISED_TO_DEFAULTS	R/W	1	ENUM			0 = No; 1 = Yes
414064	36EF	14063	VFD_PERSISTENT_TRIP	R/W	1	ENUM			0 = No; 1 = Yes
414065	36F0	14064	VFD_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414066	36F1	14065	VFD_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414067	36F2	14066	CIRCUIT_1_COMPRESSOR_EVAPORATING_TEMPERATURE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
414068	36F3	14067	CIRCUIT_1_COMPRESSOR_EVAPORATING_TEMPERATURE_LOW	R/W	1	ENUM			0 = No; 1 = Yes
414069	36F4	14068	CIRCUIT_1_COMPRESSOR_CONDENSING_TEMPERATURE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
414070	36F5	14069	CIRCUIT_1_COMPRESSOR_ENVELOPE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414071	36F6	14070	CIRCUIT_2_COMPRESSOR_EVAPORATING_TEMPERATURE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
414072	36F7	14071	CIRCUIT_2_COMPRESSOR_EVAPORATING_TEMPERATURE_LOW	R/W	1	ENUM			0 = No; 1 = Yes
414073	36F8	14072	CIRCUIT_2_COMPRESSOR_CONDENSING_TEMPERATURE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
414074	36F9	14073	CIRCUIT_2_COMPRESSOR_ENVELOPE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414075	36FA	14074	RETURN_AIR_HUMIDITY_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414076	36FB	14075	RETURN_AIR_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414077	36FC	14076	LEFT_SUPPLY_AIR_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414078	36FD	14077	OUTSIDE_AIR_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes

414079	36FE	14078	COLD_WATER_INLET_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414080	36FF	14079	COLD_WATER_OUTLET_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414081	3700	14080	CIRCUIT_1_EVAPORATING_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414082	3701	14081	CIRCUIT_2_EVAPORATING_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414083	3702	14082	CIRCUIT_1_CONDENSING_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414084	3703	14083	CIRCUIT_2_CONDENSING_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414085	3704	14084	CIRCUIT_1_EVAPORATING_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414086	3705	14085	CIRCUIT_2_EVAPORATING_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414087	3706	14086	CIRCUIT_2_LOW_COMPRESSOR_OIL	R/W	1	ENUM			0 = No; 1 = Yes
414088	3707	14087	WATER_DETECTED	R/W	1	ENUM			0 = No; 1 = Yes
414089	3708	14088	WATER_DETECTED_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
414090	3709	14089	SMOKE_DETECTED	R/W	1	ENUM			0 = No; 1 = Yes
414091	370A	14090	CONDENSATE_PAN_FULL	R/W	1	ENUM			0 = No; 1 = Yes
414092	370B	14091	FILTER_DIFFERENTIAL_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414093	370C	14092	LOSS_OF_AIR_FLOW	R/W	1	ENUM			0 = No; 1 = Yes
414094	370D	14093	AIR_FILTER_CLOGGED	R/W	1	ENUM			0 = No; 1 = Yes
414095	370E	14094	REHEATER_OVER_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
414096	370F	14095	REHEATER_OVER_TEMPERATURE_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
414097	3710	14096	ECOAISLE_DOOR_OPEN	R/W	1	ENUM			0 = No; 1 = Yes
414098	3711	14097	UNEXPECTED_NUMBER_OF_ACTIVE_FLOW_CONTROLLERS	R/W	1	ENUM			0 = No; 1 = Yes
414099	3712	14098	ACTIVE_FLOW_CONTROLLER_NOT_CONNECTED	R/W	1	ENUM			0 = No; 1 = Yes
414100	3713	14099	ACTIVE_FLOW_CONTROLLER_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414101	3714	14100	UNDERFLOOR_LOW_AIR_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes
414102	3715	14101	UNDERFLOOR_LOCAL_LOW_AIR_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes
414103	3716	14102	CIRCUIT_1_EXV_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414104	3717	14103	CIRCUIT_2_EXV_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414105	3718	14104	CIRCUIT_1_EXV_LOW_SUPERHEAT	R/W	1	ENUM			0 = No; 1 = Yes
414106	3719	14105	CIRCUIT_2_EXV_LOW_SUPERHEAT	R/W	1	ENUM			0 = No; 1 = Yes
414107	371A	14106	EEPROM_WRITE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414108	371B	14107	AIR_FILTER_SERVICE_REQUIRED	R/W	1	ENUM			0 = No; 1 = Yes
414109	371C	14108	UNIT_SERVICE_REQUIRED	R/W	1	ENUM			0 = No; 1 = Yes
414110	371D	14109	LINE_A_ENERGIZED	R/W	1	ENUM			0 = No; 1 = Yes
414111	371E	14110	LINE_B_ENERGIZED	R/W	1	ENUM			0 = No; 1 = Yes
414112	371F	14111	IDLE_DUE_TO_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414113	3720	14112	OFF_DUE_TO_USER_ACTION	R/W	1	ENUM			0 = No; 1 = Yes
414114	3721	14113	OUTPUT_RELAY_1_ACTIVE	R/W	1	ENUM			0 = No; 1 = Yes
414115	3722	14114	OUTPUT_RELAY_2_ACTIVE	R/W	1	ENUM			0 = No; 1 = Yes
414116	3723	14115	OUTPUT_RELAY_3_ACTIVE	R/W	1	ENUM			0 = No; 1 = Yes
414117	3724	14116	OUTPUT_RELAY_4_ACTIVE	R/W	1	ENUM			0 = No; 1 = Yes
414118	3725	14117	UNIT_CONFIGURATION_NOT_COMPLETED_FANS	R/W	1	ENUM			0 = No; 1 = Yes
414119	3726	14118	UNIT_CONFIGURATION_NOT_COMPLETED_DX	R/W	1	ENUM			0 = No; 1 = Yes
414120	3727	14119	UNIT_CONFIGURATION_NOT_COMPLETED_REHEAT	R/W	1	ENUM			0 = No; 1 = Yes
414121	3728	14120	UNIT_CONFIGURATION_NOT_COMPLETED_HUMIDIFIER	R/W	1	ENUM			0 = No; 1 = Yes
414122	3729	14121	CKT_1_TRIPPED_DUE_TO_THERMAL_OVLD_OR_HIGH_HEAD_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes
414123	372A	14122	CKT_2_TRIPPED_DUE_TO_THERMAL_OVLD_OR_HIGH_HEAD_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes
414124	372B	14123	CKT_2_TRIPPED_DUE_TO_HIGH_HEAD_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes
414125	372C	14124	UNIT_CONFIGURATION_NOT_COMPLETED_ENERGY_METER	R/W	1	ENUM			0 = No; 1 = Yes
414126	372D	14125	EVAP_FAN_1_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414127	372E	14126	EVAP_FAN_2_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414128	372F	14127	EVAP_FAN_3_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414129	3730	14128	CKT_1_EXCESSIVE_PUMP_DOWN_CYCLES	R/W	1	ENUM			0 = No; 1 = Yes
414130	3731	14129	CKT_2_EXCESSIVE_PUMP_DOWN_CYCLES	R/W	1	ENUM			0 = No; 1 = Yes
414131	3732	14130	CONDENSER_FAN_BANK_1_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414132	3733	14131	CONDENSER_FAN_BANK_2_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414133	3734	14132	CONDENSER_FAN_BANK_1_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414134	3735	14133	CONDENSER_FAN_BANK_2_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414135	3736	14134	EVAP_FAN_1_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414136	3737	14135	EVAP_FAN_2_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414137	3738	14136	EVAP_FAN_3_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414138	3739	14137	CONDENSER_FAN_BANK_1_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414139	373A	14138	CONDENSER_FAN_BANK_2_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414140	373B	14139	CONDENSER_BANK_1_FAN_1_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414141	373C	14140	CONDENSER_BANK_1_FAN_2_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414142	373D	14141	CONDENSER_BANK_1_FAN_3_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414143	373E	14142	CONDENSER_BANK_1_FAN_1_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414144	373F	14143	CONDENSER_BANK_1_FAN_2_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes

414145	3740	14144	CONDENSER_BANK_1_FAN_3_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414146	3741	14145	CONDENSER_BANK_2_FAN_1_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414147	3742	14146	CONDENSER_BANK_2_FAN_2_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414148	3743	14147	CONDENSER_BANK_2_FAN_3_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414149	3744	14148	CONDENSER_BANK_2_FAN_1_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414150	3745	14149	CONDENSER_BANK_2_FAN_2_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414151	3746	14150	CONDENSER_BANK_2_FAN_3_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414152	3747	14151	SELECTED_TEMPERATURE_CTL_MODE_NOT_SUPPORTED	R/W	1	ENUM			0 = No; 1 = Yes
414153	3748	14152	SELECTED_FAN_CTL_MODE_NOT_SUPPORTED	R/W	1	ENUM			0 = No; 1 = Yes
414154	3749	14153	UNEXPECTED_NUMBER_OF_REMOTE_TEMP_SENSORS	R/W	1	ENUM			0 = No; 1 = Yes
414155	374A	14154	REMOTE_AIR_HIGH_TEMPERATURE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414156	374B	14155	REMOTE_AIR_TEMPERATURE_LOW_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414157	374C	14156	RIGHT_SUPPLY_AIR_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414158	374D	14157	CIRCUIT_1_EXV_HIGH_SUPERHEAT	R/W	1	ENUM			0 = No; 1 = Yes
414159	374E	14158	CIRCUIT_2_EXV_HIGH_SUPERHEAT	R/W	1	ENUM			0 = No; 1 = Yes
414160	374F	14159	AFC_FIRMWARE_REVISION_INCOMPATIBILITY	R/W	1	ENUM			0 = No; 1 = Yes
414161	3750	14160	PIC1_FIRMWARE_REVISION_INCOMPATIBILITY	R/W	1	ENUM			0 = No; 1 = Yes
414162	3751	14161	PIC2_FIRMWARE_REVISION_INCOMPATIBILITY	R/W	1	ENUM			0 = No; 1 = Yes
414163	3752	14162	SUPPLY_AIR_LOW_TEMPERATURE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
414164	3753	14163	MIN_MAX_VALUE_RESET_DUE_TO_OVERLAP	R/W	1	ENUM			0 = No; 1 = Yes
414165	3754	14164	CIRCUIT_1_PUMP_DOWN_TIMED_OUT	R/W	1	ENUM			0 = No; 1 = Yes
414166	3755	14165	CIRCUIT_2_PUMP_DOWN_TIMED_OUT	R/W	1	ENUM			0 = No; 1 = Yes
414167	3756	14166	CIRCUIT_2_PERSISTENT_LOW_COMPRESSOR_OIL	R/W	1	ENUM			0 = No; 1 = Yes
414168	3757	14167	CONDENSER_BANK1_FAN1_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414169	3758	14168	CONDENSER_BANK2_FAN1_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414170	3759	14169	CONDENSER_BANK1_FAN2_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414171	375A	14170	CONDENSER_BANK2_FAN2_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414172	375B	14171	CONDENSER_BANK1_FAN3_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414173	375C	14172	CONDENSER_BANK2_FAN3_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414174	375D	14173	CHILLED_WATER_VALVE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
414175	375E	14174	ULTRACAP_CIRCUIT_ACTIVE	R/W	1	ENUM			0 = No; 1 = Yes
414176	375F	14175	ULTRACAP_CIRCUIT_OVERLOAD	R/W	1	ENUM			0 = No; 1 = Yes
Alarm Data									
415001	3A98	15000	Overall Status	R	1	ENUM			0 = OK State; 1 = Info State; 2 = Warning State; 3 = Critical State
415005	3A9C	15004	Unexpected Number Of Units In Group	R	1	ENUM			0 = Clear; 1 = Alarm
415006	3A9D	15005	Return Air High Temperature Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415007	3A9E	15006	Return Air Temperature Low Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415008	3A9F	15007	Supply Air High Temperature Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415009	3AA0	15008	Humidity High Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415010	3AA1	15009	Humidity Low Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415011	3AA2	15010	Evap Fan 1 Error	R	1	ENUM			0 = Clear; 1 = Alarm
415012	3AA3	15011	Evap Fan 2 Error	R	1	ENUM			0 = Clear; 1 = Alarm
415013	3AA4	15012	Evap Fan 3 Error	R	1	ENUM			0 = Clear; 1 = Alarm
415014	3AA5	15013	Water Valve Error	R	1	ENUM			0 = Clear; 1 = Alarm
415015	3AA6	15014	Energy Saver Modulating Valve Error	R	1	ENUM			0 = Clear; 1 = Alarm
415016	3AA7	15015	Energy Saver Choke Valve Error	R	1	ENUM			0 = Clear; 1 = Alarm
415017	3AA8	15016	Off Due To Input Contact	R	1	ENUM			0 = Clear; 1 = Alarm
415018	3AA9	15017	Unit Is In Maintenance Mode	R	1	ENUM			0 = Clear; 1 = Alarm
415019	3AAA	15018	No Standby Units Available	R	1	ENUM			0 = Clear; 1 = Alarm
415020	3AAB	15019	Mains Phase Error	R	1	ENUM			0 = Clear; 1 = Alarm
415021	3AAC	15020	Energy Meter Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415022	3AAD	15021	Humidifier Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415023	3AAE	15022	Humidifier Mn Cylinder Life Expired	R	1	ENUM			0 = Clear; 1 = Alarm
415024	3AAF	15023	Humidifier Ec High Conductivity	R	1	ENUM			0 = Clear; 1 = Alarm
415025	3AB0	15024	Humidifier E1 Parameters Not Downloaded	R	1	ENUM			0 = Clear; 1 = Alarm
415026	3AB1	15025	Humidifier E0 Parameters Not Ok	R	1	ENUM			0 = Clear; 1 = Alarm
415027	3AB2	15026	Humidifier Eh High Current	R	1	ENUM			0 = Clear; 1 = Alarm
415028	3AB3	15027	Humidifier Ep Low Production	R	1	ENUM			0 = Clear; 1 = Alarm
415029	3AB4	15028	Humidifier Eu Full Cylinder	R	1	ENUM			0 = Clear; 1 = Alarm
415030	3AB5	15029	Humidifier Ef No Supply Water	R	1	ENUM			0 = Clear; 1 = Alarm
415031	3AB6	15030	Humidifier Ed Unable To Drain	R	1	ENUM			0 = Clear; 1 = Alarm
415032	3AB7	15031	Humidifier Cy Cylinder Life Nearly Expired	R	1	ENUM			0 = Clear; 1 = Alarm
415033	3AB8	15032	Humidifier Ea Foam Detected	R	1	ENUM			0 = Clear; 1 = Alarm
415034	3AB9	15033	Humidifier Cp Excessive Scaling	R	1	ENUM			0 = Clear; 1 = Alarm
415035	3ABA	15034	Humidifier Cl Cylinder Exhausted	R	1	ENUM			0 = Clear; 1 = Alarm
415036	3ABB	15035	Humidifier E2 Backup Memory Failed	R	1	ENUM			0 = Clear; 1 = Alarm

415037	3ABC	15036	Vfd Mains Phase Loss	R	1	ENUM			0 = Clear; 1 = Alarm
415038	3ABD	15037	Vfd Dc Link Voltage High	R	1	ENUM			0 = Clear; 1 = Alarm
415039	3ABE	15038	Vfd Dc Link Voltage Low	R	1	ENUM			0 = Clear; 1 = Alarm
415040	3ABF	15039	Vfd Dc Overvoltage Warning	R	1	ENUM			0 = Clear; 1 = Alarm
415041	3AC0	15040	Vfd Dc Overvoltage	R	1	ENUM			0 = Clear; 1 = Alarm
415042	3AC1	15041	Vfd Dc Undervoltage Warning	R	1	ENUM			0 = Clear; 1 = Alarm
415043	3AC2	15042	Vfd Dc Undervoltage	R	1	ENUM			0 = Clear; 1 = Alarm
415044	3AC3	15043	Vfd Current Overload Warning	R	1	ENUM			0 = Clear; 1 = Alarm
415045	3AC4	15044	Vfd Current Overload	R	1	ENUM			0 = Clear; 1 = Alarm
415046	3AC5	15045	Vfd Motor Over Temperature	R	1	ENUM			0 = Clear; 1 = Alarm
415047	3AC6	15046	Vfd Motor Thermistor Over Temperature	R	1	ENUM			0 = Clear; 1 = Alarm
415048	3AC7	15047	Vfd Torque Limit Exceeded	R	1	ENUM			0 = Clear; 1 = Alarm
415049	3AC8	15048	Vfd Peak Over Current	R	1	ENUM			0 = Clear; 1 = Alarm
415050	3AC9	15049	Vfd Earth Fault	R	1	ENUM			0 = Clear; 1 = Alarm
415051	3ACA	15050	Vfd Short Circuit	R	1	ENUM			0 = Clear; 1 = Alarm
415052	3ACB	15051	Vfd Motor Phase u Missing	R	1	ENUM			0 = Clear; 1 = Alarm
415053	3ACC	15052	Vfd Motor Phase v Missing	R	1	ENUM			0 = Clear; 1 = Alarm
415054	3ACD	15053	Vfd Motor Phase w Missing	R	1	ENUM			0 = Clear; 1 = Alarm
415055	3ACE	15054	Vfd Inrush Error	R	1	ENUM			0 = Clear; 1 = Alarm
415056	3ACF	15055	Vfd Internal Error	R	1	ENUM			0 = Clear; 1 = Alarm
415057	3AD0	15056	Vfd Control Voltage Overloaded	R	1	ENUM			0 = Clear; 1 = Alarm
415058	3AD1	15057	Vfd Vd D1 Supply Low	R	1	ENUM			0 = Clear; 1 = Alarm
415059	3AD2	15058	Vfd Speed Not Within Limits	R	1	ENUM			0 = Clear; 1 = Alarm
415060	3AD3	15059	Vfd Current Limit Exceeded	R	1	ENUM			0 = Clear; 1 = Alarm
415061	3AD4	15060	Vfd Control Card Over Temperature Warning	R	1	ENUM			0 = Clear; 1 = Alarm
415062	3AD5	15061	Vfd Control Card Over Temperature	R	1	ENUM			0 = Clear; 1 = Alarm
415063	3AD6	15062	Vfd Heatsink Temperature Low	R	1	ENUM			0 = Clear; 1 = Alarm
415064	3AD7	15063	Vfd Power Card Temperature	R	1	ENUM			0 = Clear; 1 = Alarm
415065	3AD8	15064	Vfd Drive Initialised To Defaults	R	1	ENUM			0 = Clear; 1 = Alarm
415066	3AD9	15065	Vfd Persistent Trip	R	1	ENUM			0 = Clear; 1 = Alarm
415067	3ADA	15066	Vfd Initialization Error	R	1	ENUM			0 = Clear; 1 = Alarm
415068	3ADB	15067	Vfd Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415069	3ADC	15068	Circuit 1 Compressor Evaporating Temperature High	R	1	ENUM			0 = Clear; 1 = Alarm
415070	3ADD	15069	Circuit 2 Compressor Evaporating Temperature High	R	1	ENUM			0 = Clear; 1 = Alarm
415071	3ADE	15070	Circuit 1 Compressor Evaporating Temperature Low	R	1	ENUM			0 = Clear; 1 = Alarm
415072	3ADF	15071	Circuit 2 Compressor Evaporating Temperature Low	R	1	ENUM			0 = Clear; 1 = Alarm
415073	3AE0	15072	Circuit 1 Compressor Condensing Temperature High	R	1	ENUM			0 = Clear; 1 = Alarm
415074	3AE1	15073	Circuit 2 Compressor Condensing Temperature High	R	1	ENUM			0 = Clear; 1 = Alarm
415075	3AE2	15074	Circuit 1 Compressor Envelope Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415076	3AE3	15075	Circuit 2 Compressor Envelope Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415077	3AE4	15076	Return Air Humidity Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415078	3AE5	15077	Return Air Temperature Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415079	3AE6	15078	Left Supply Air Temperature Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415080	3AE7	15079	Outside Air Temperature Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415081	3AE8	15080	Cold Water Inlet Temperature Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415082	3AE9	15081	Cold Water Outlet Temperature Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415083	3AEA	15082	Circuit 1 Evaporating Pressure Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415084	3AEB	15083	Circuit 2 Evaporating Pressure Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415085	3AEC	15084	Circuit 1 Condensing Pressure Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415086	3AED	15085	Circuit 2 Condensing Pressure Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415087	3AEE	15086	Circuit 1 Evaporating Temperature Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415088	3AEF	15087	Circuit 2 Evaporating Temperature Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415089	3AF0	15088	Circuit 2 Low Compressor Oil	R	1	ENUM			0 = Clear; 1 = Alarm
415090	3AF1	15089	Water Detected	R	1	ENUM			0 = Clear; 1 = Alarm
415091	3AF2	15090	Water Detected Warning	R	1	ENUM			0 = Clear; 1 = Alarm
415092	3AF3	15091	Smoke Detected	R	1	ENUM			0 = Clear; 1 = Alarm
415093	3AF4	15092	Condensate Pan Full	R	1	ENUM			0 = Clear; 1 = Alarm
415094	3AF5	15093	Filter Differential Pressure Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415095	3AF6	15094	Loss Of Air Flow	R	1	ENUM			0 = Clear; 1 = Alarm
415096	3AF7	15095	Air Filter Clogged	R	1	ENUM			0 = Clear; 1 = Alarm
415097	3AF8	15096	Reheater Over Temperature	R	1	ENUM			0 = Clear; 1 = Alarm
415098	3AF9	15097	Reheater Over Temperature Warning	R	1	ENUM			0 = Clear; 1 = Alarm
415099	3AFA	15098	Ecoaisle Door Open	R	1	ENUM			0 = Clear; 1 = Alarm
415100	3AFB	15099	Unexpected Number Of Active Flow Controllers	R	1	ENUM			0 = Clear; 1 = Alarm
415101	3AFC	15100	Active Flow Controller Not Connected	R	1	ENUM			0 = Clear; 1 = Alarm
415102	3AFD	15101	Active Flow Controller Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm

415103	3AFE	15102	Underfloor Low Air Pressure	R	1	ENUM			0 = Clear; 1 = Alarm
415104	3AFF	15103	Underfloor Local Low Air Pressure	R	1	ENUM			0 = Clear; 1 = Alarm
415105	3B00	15104	Circuit 1 Exv Error	R	1	ENUM			0 = Clear; 1 = Alarm
415106	3B01	15105	Circuit 2 Exv Error	R	1	ENUM			0 = Clear; 1 = Alarm
415107	3B02	15106	Circuit 1 Exv Low Superheat	R	1	ENUM			0 = Clear; 1 = Alarm
415108	3B03	15107	Circuit 2 Exv Low Superheat	R	1	ENUM			0 = Clear; 1 = Alarm
415109	3B04	15108	Eeprom Write Error	R	1	ENUM			0 = Clear; 1 = Alarm
415110	3B05	15109	Air Filter Service Required	R	1	ENUM			0 = Clear; 1 = Alarm
415111	3B06	15110	Unit Service Required	R	1	ENUM			0 = Clear; 1 = Alarm
415112	3B07	15111	Line a Energized	R	1	ENUM			0 = Clear; 1 = Alarm
415113	3B08	15112	Line b Energized	R	1	ENUM			0 = Clear; 1 = Alarm
415114	3B09	15113	Idle Due To Error	R	1	ENUM			0 = Clear; 1 = Alarm
415115	3B0A	15114	Off Due To User Action	R	1	ENUM			0 = Clear; 1 = Alarm
415116	3B0B	15115	Output Relay 1 Active	R	1	ENUM			0 = Clear; 1 = Alarm
415117	3B0C	15116	Output Relay 2 Active	R	1	ENUM			0 = Clear; 1 = Alarm
415118	3B0D	15117	Output Relay 3 Active	R	1	ENUM			0 = Clear; 1 = Alarm
415119	3B0E	15118	Output Relay 4 Active	R	1	ENUM			0 = Clear; 1 = Alarm
415120	3B0F	15119	Unit Configuration Not Completed Fans	R	1	ENUM			0 = Clear; 1 = Alarm
415121	3B10	15120	Unit Configuration Not Completed Dx	R	1	ENUM			0 = Clear; 1 = Alarm
415122	3B11	15121	Unit Configuration Not Completed Reheat	R	1	ENUM			0 = Clear; 1 = Alarm
415123	3B12	15122	Unit Configuration Not Completed Humidifier	R	1	ENUM			0 = Clear; 1 = Alarm
415124	3B13	15123	Ckt 1 Tripped Due To Thermal Ovld Or High Head Pressure	R	1	ENUM			0 = Clear; 1 = Alarm
415125	3B14	15124	Ckt 2 Tripped Due To Thermal Ovld Or High Head Pressure	R	1	ENUM			0 = Clear; 1 = Alarm
415126	3B15	15125	Ckt 2 Tripped Due To High Head Pressure	R	1	ENUM			0 = Clear; 1 = Alarm
415127	3B16	15126	Unit Configuration Not Completed Energy Meter	R	1	ENUM			0 = Clear; 1 = Alarm
415128	3B17	15127	Evap Fan 1 Initialization Error	R	1	ENUM			0 = Clear; 1 = Alarm
415129	3B18	15128	Evap Fan 2 Initialization Error	R	1	ENUM			0 = Clear; 1 = Alarm
415130	3B19	15129	Evap Fan 3 Initialization Error	R	1	ENUM			0 = Clear; 1 = Alarm
415131	3B1A	15130	Ckt 1 Excessive Pump Down Cycles	R	1	ENUM			0 = Clear; 1 = Alarm
415132	3B1B	15131	Ckt 2 Excessive Pump Down Cycles	R	1	ENUM			0 = Clear; 1 = Alarm
415133	3B1C	15132	Condenser Fan Bank 1 Overtemp Error	R	1	ENUM			0 = Clear; 1 = Alarm
415134	3B1D	15133	Condenser Fan Bank 2 Overtemp Error	R	1	ENUM			0 = Clear; 1 = Alarm
415135	3B1E	15134	Condenser Fan Bank 1 Initialization Error	R	1	ENUM			0 = Clear; 1 = Alarm
415136	3B1F	15135	Condenser Fan Bank 2 Initialization Error	R	1	ENUM			0 = Clear; 1 = Alarm
415137	3B20	15136	Evap Fan 1 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415138	3B21	15137	Evap Fan 2 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415139	3B22	15138	Evap Fan 3 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415140	3B23	15139	Condenser Fan Bank 1 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415141	3B24	15140	Condenser Fan Bank 2 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415142	3B25	15141	Condenser Bank 1 Fan 1 Error	R	1	ENUM			0 = Clear; 1 = Alarm
415143	3B26	15142	Condenser Bank 1 Fan 2 Error	R	1	ENUM			0 = Clear; 1 = Alarm
415144	3B27	15143	Condenser Bank 1 Fan 3 Error	R	1	ENUM			0 = Clear; 1 = Alarm
415145	3B28	15144	Condenser Bank 1 Fan 1 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415146	3B29	15145	Condenser Bank 1 Fan 2 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415147	3B2A	15146	Condenser Bank 1 Fan 3 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415148	3B2B	15147	Condenser Bank 2 Fan 1 Error	R	1	ENUM			0 = Clear; 1 = Alarm
415149	3B2C	15148	Condenser Bank 2 Fan 2 Error	R	1	ENUM			0 = Clear; 1 = Alarm
415150	3B2D	15149	Condenser Bank 2 Fan 3 Error	R	1	ENUM			0 = Clear; 1 = Alarm
415151	3B2E	15150	Condenser Bank 2 Fan 1 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415152	3B2F	15151	Condenser Bank 2 Fan 2 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415153	3B30	15152	Condenser Bank 2 Fan 3 Communication Error	R	1	ENUM			0 = Clear; 1 = Alarm
415154	3B31	15153	Selected Temperature Ctl Mode Not Supported	R	1	ENUM			0 = Clear; 1 = Alarm
415155	3B32	15154	Selected Fan Ctl Mode Not Supported	R	1	ENUM			0 = Clear; 1 = Alarm
415156	3B33	15155	Unexpected Number Of Remote Temp Sensors	R	1	ENUM			0 = Clear; 1 = Alarm
415157	3B34	15156	Remote Air High Temperature Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415158	3B35	15157	Remote Air Temperature Low Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415159	3B36	15158	Right Supply Air Temperature Sensor Error	R	1	ENUM			0 = Clear; 1 = Alarm
415160	3B37	15159	Circuit 1 Exv High Superheat	R	1	ENUM			0 = Clear; 1 = Alarm
415161	3B38	15160	Circuit 2 Exv High Superheat	R	1	ENUM			0 = Clear; 1 = Alarm
415162	3B39	15161	AFC Firmware Revision Incompatibility	R	1	ENUM			0 = Clear; 1 = Alarm
415163	3B3A	15162	PIC 1 Firmware Revision Incompatibility	R	1	ENUM			0 = Clear; 1 = Alarm
415164	3B3B	15163	PIC 2 Firmware Revision Incompatibility	R	1	ENUM			0 = Clear; 1 = Alarm
415165	3B3C	15164	Supply Air Low Temperature Violation	R	1	ENUM			0 = Clear; 1 = Alarm
415166	3B3D	15165	Min/Max Value Reset Due To Overlap	R	1	ENUM			0 = Clear; 1 = Alarm
415167	3B3E	15166	Circuit 1 Pump Down Timed Out	R	1	ENUM			0 = Clear; 1 = Alarm
415168	3B3F	15167	Circuit 2 Pump Down Timed Out	R	1	ENUM			0 = Clear; 1 = Alarm

415169	3B40	15168	Circuit 2 Persistent Low Compressor Oil	R	1	ENUM			0 = Clear; 1 = Alarm
415170	3B41	15169	Condenser Bank 1 Fan 1 Overload Error	R	1	ENUM			0 = Clear; 1 = Alarm
415171	3B42	15170	Condenser Bank 2 Fan 1 Overload Error	R	1	ENUM			0 = Clear; 1 = Alarm
415172	3B43	15171	Condenser Bank 1 Fan 2 Overload Error	R	1	ENUM			0 = Clear; 1 = Alarm
415173	3B44	15172	Condenser Bank 2 Fan 2 Overload Error	R	1	ENUM			0 = Clear; 1 = Alarm
415174	3B45	15173	Condenser Bank 1 Fan 3 Overload Error	R	1	ENUM			0 = Clear; 1 = Alarm
415175	3B46	15174	Condenser Bank 2 Fan 3 Overload Error	R	1	ENUM			0 = Clear; 1 = Alarm
415176	3B47	15175	Chilled Water Valve Error	R	1	ENUM			0 = Clear; 1 = Alarm
415177	3B48	15176	Ultracapacitor Circuit Active	R	1	ENUM			0 = Clear; 1 = Alarm
415178	3B49	15177	Ultracapacitor Circuit Overload	R	1	ENUM			0 = Clear; 1 = Alarm
Enable Alarm Setup									
416001	3E80	16000	UNEXPECTED_NUMBER_OF_UNITS_IN_GROUP	R/W	1	ENUM			0 = No; 1 = Yes
416002	3E81	16001	RETURN_AIR_HIGH_TEMPERATURE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416003	3E82	16002	RETURN_AIR_TEMPERATURE_LOW_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416004	3E83	16003	SUPPLY_AIR_HIGH_TEMPERATURE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416005	3E84	16004	HUMIDITY_HIGH_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416006	3E85	16005	HUMIDITY_LOW_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416007	3E86	16006	EVAP_FAN_1_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416008	3E87	16007	EVAP_FAN_2_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416009	3E88	16008	EVAP_FAN_3_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416010	3E89	16009	WATER_VALVE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416011	3E8A	16010	ENERGY_SAVER_MODULATING_VALVE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416012	3E8B	16011	ENERGY_SAVER_CHOKE_VALVE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416013	3E8C	16012	OFF_DUE_TO_INPUT_CONTACT	R/W	1	ENUM			0 = No; 1 = Yes
416014	3E8D	16013	UNIT_IS_IN_MAINTENANCE_MODE	R/W	1	ENUM			0 = No; 1 = Yes
416015	3E8E	16014	NO_STANDBY_UNITS_AVAILABLE	R/W	1	ENUM			0 = No; 1 = Yes
416016	3E8F	16015	MAINS_PHASE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416017	3E90	16016	ENERGY_METER_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416018	3E91	16017	HUMIDIFIER_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416019	3E92	16018	HUMIDIFIER_MN_CYLINDER_LIFE_EXPIRED	R/W	1	ENUM			0 = No; 1 = Yes
416020	3E93	16019	HUMIDIFIER_EC_HIGH_CONDUCTIVITY	R/W	1	ENUM			0 = No; 1 = Yes
416021	3E94	16020	HUMIDIFIER_E1_PARAMETERS_NOT_DOWNLOADED	R/W	1	ENUM			0 = No; 1 = Yes
416022	3E95	16021	HUMIDIFIER_E0_PARAMETERS_NOT_OK	R/W	1	ENUM			0 = No; 1 = Yes
416023	3E96	16022	HUMIDIFIER_EH_HIGH_CURRENT	R/W	1	ENUM			0 = No; 1 = Yes
416024	3E97	16023	HUMIDIFIER_EP_LOW_PRODUCTION	R/W	1	ENUM			0 = No; 1 = Yes
416025	3E98	16024	HUMIDIFIER_EU_FULL_CYLINDER	R/W	1	ENUM			0 = No; 1 = Yes
416026	3E99	16025	HUMIDIFIER_EF_NO_SUPPLY_WATER	R/W	1	ENUM			0 = No; 1 = Yes
416027	3E9A	16026	HUMIDIFIER_ED_UNABLE_TO_DRAIN	R/W	1	ENUM			0 = No; 1 = Yes
416028	3E9B	16027	HUMIDIFIER_CY_CYLINDER_LIFE_NEARLY_EXPIRED	R/W	1	ENUM			0 = No; 1 = Yes
416029	3E9C	16028	HUMIDIFIER_EA_FOAM_DETECTED	R/W	1	ENUM			0 = No; 1 = Yes
416030	3E9D	16029	HUMIDIFIER_CP_EXCESSIVE_SCALING	R/W	1	ENUM			0 = No; 1 = Yes
416031	3E9E	16030	HUMIDIFIER_CL_CYLINDER_EXHAUSTED	R/W	1	ENUM			0 = No; 1 = Yes
416032	3E9F	16031	HUMIDIFIER_E2_BACKUP_MEMORY_FAILED	R/W	1	ENUM			0 = No; 1 = Yes
416033	3EA0	16032	VFD_MAINS_PHASE_LOSS	R/W	1	ENUM			0 = No; 1 = Yes
416034	3EA1	16033	VFD_DC_LINK_VOLTAGE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
416035	3EA2	16034	VFD_DC_LINK_VOLTAGE_LOW	R/W	1	ENUM			0 = No; 1 = Yes
416036	3EA3	16035	VFD_DC_OVERVOLTAGE_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
416037	3EA4	16036	VFD_DC_OVERVOLTAGE	R/W	1	ENUM			0 = No; 1 = Yes
416038	3EA5	16037	VFD_DC_UNDERVOLTAGE_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
416039	3EA6	16038	VFD_DC_UNDERVOLTAGE	R/W	1	ENUM			0 = No; 1 = Yes
416040	3EA7	16039	VFD_CURRENT_OVERLOAD_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
416041	3EA8	16040	VFD_CURRENT_OVERLOAD	R/W	1	ENUM			0 = No; 1 = Yes
416042	3EA9	16041	VFD_MOTOR_OVER_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
416043	3EAA	16042	VFD_MOTOR_THERMISTOR_OVER_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
416044	3EAB	16043	VFD_TORQUE_LIMIT_EXCEEDED	R/W	1	ENUM			0 = No; 1 = Yes
416045	3EAC	16044	VFD_PEAK_OVER_CURRENT	R/W	1	ENUM			0 = No; 1 = Yes
416046	3EAD	16045	VFD_EARTH_FAULT	R/W	1	ENUM			0 = No; 1 = Yes
416047	3EAE	16046	VFD_SHORT_CIRCUIT	R/W	1	ENUM			0 = No; 1 = Yes
416048	3EAF	16047	VFD_MOTOR_PHASE_U_MISSING	R/W	1	ENUM			0 = No; 1 = Yes
416049	3EB0	16048	VFD_MOTOR_PHASE_V_MISSING	R/W	1	ENUM			0 = No; 1 = Yes
416050	3EB1	16049	VFD_MOTOR_PHASE_W_MISSING	R/W	1	ENUM			0 = No; 1 = Yes
416051	3EB2	16050	VFD_INRUSH_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416052	3EB3	16051	VFD_INTERNAL_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416053	3EB4	16052	VFD_CONTROL_VOLTAGE_OVERLOADED	R/W	1	ENUM			0 = No; 1 = Yes
416054	3EB5	16053	VFD_VD_D1_SUPPLY_LOW	R/W	1	ENUM			0 = No; 1 = Yes
416055	3EB6	16054	VFD_SPEED_NOT_WITHIN_LIMITS	R/W	1	ENUM			0 = No; 1 = Yes

416056	3EB7	16055	VFD_CURRENT_LIMIT_EXCEEDED	R/W	1	ENUM			0 = No; 1 = Yes
416057	3EB8	16056	VFD_CONTROL_CARD_OVER_TEMPERATURE_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
416058	3EB9	16057	VFD_CONTROL_CARD_OVER_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
416059	3EBA	16058	VFD_HEATSINK_TEMPERATURE_LOW	R/W	1	ENUM			0 = No; 1 = Yes
416060	3EBB	16059	VFD_POWER_CARD_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
416061	3EBC	16060	VFD_DRIVE_INITIALISED_TO_DEFAULTS	R/W	1	ENUM			0 = No; 1 = Yes
416062	3EBD	16061	VFD_PERSISTENT_TRIP	R/W	1	ENUM			0 = No; 1 = Yes
416063	3EBE	16062	VFD_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416064	3EBF	16063	VFD_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416065	3EC0	16064	CIRCUIT_1_COMPRESSOR_EVAPORATING_TEMPERATURE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
416066	3EC1	16065	CIRCUIT_1_COMPRESSOR_EVAPORATING_TEMPERATURE_LOW	R/W	1	ENUM			0 = No; 1 = Yes
416067	3EC2	16066	CIRCUIT_1_COMPRESSOR_CONDENSING_TEMPERATURE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
416068	3EC3	16067	CIRCUIT_1_COMPRESSOR_ENVELOPE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416069	3EC4	16068	CIRCUIT_2_COMPRESSOR_EVAPORATING_TEMPERATURE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
416070	3EC5	16069	CIRCUIT_2_COMPRESSOR_EVAPORATING_TEMPERATURE_LOW	R/W	1	ENUM			0 = No; 1 = Yes
416071	3EC6	16070	CIRCUIT_2_COMPRESSOR_CONDENSING_TEMPERATURE_HIGH	R/W	1	ENUM			0 = No; 1 = Yes
416072	3EC7	16071	CIRCUIT_2_COMPRESSOR_ENVELOPE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416073	3EC8	16072	RETURN_AIR_HUMIDITY_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416074	3EC9	16073	RETURN_AIR_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416075	3ECA	16074	LEFT_SUPPLY_AIR_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416076	3ECB	16075	OUTSIDE_AIR_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416077	3ECC	16076	COLD_WATER_INLET_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416078	3ECD	16077	COLD_WATER_OUTLET_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416079	3ECE	16078	CIRCUIT_1_EVAPORATING_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416080	3ECF	16079	CIRCUIT_2_EVAPORATING_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416081	3ED0	16080	CIRCUIT_1_CONDENSING_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416082	3ED1	16081	CIRCUIT_2_CONDENSING_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416083	3ED2	16082	CIRCUIT_1_EVAPORATING_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416084	3ED3	16083	CIRCUIT_2_EVAPORATING_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416085	3ED4	16084	CIRCUIT_2_LOW_COMPRESSOR_OIL	R/W	1	ENUM			0 = No; 1 = Yes
416086	3ED5	16085	WATER_DETECTED	R/W	1	ENUM			0 = No; 1 = Yes
416087	3ED6	16086	WATER_DETECTED_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
416088	3ED7	16087	SMOKE_DETECTED	R/W	1	ENUM			0 = No; 1 = Yes
416089	3ED8	16088	CONDENSATE_PAN_FULL	R/W	1	ENUM			0 = No; 1 = Yes
416090	3ED9	16089	FILTER_DIFFERENTIAL_PRESSURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416091	3EDA	16090	LOSS_OF_AIR_FLOW	R/W	1	ENUM			0 = No; 1 = Yes
416092	3EDB	16091	AIR_FILTER_CLOGGED	R/W	1	ENUM			0 = No; 1 = Yes
416093	3EDC	16092	REHEATER_OVER_TEMPERATURE	R/W	1	ENUM			0 = No; 1 = Yes
416094	3EDD	16093	REHEATER_OVER_TEMPERATURE_WARNING	R/W	1	ENUM			0 = No; 1 = Yes
416095	3EDE	16094	ECOAISLE_DOOR_OPEN	R/W	1	ENUM			0 = No; 1 = Yes
416096	3EDF	16095	UNEXPECTED_NUMBER_OF_ACTIVE_FLOW_CONTROLLERS	R/W	1	ENUM			0 = No; 1 = Yes
416097	3EE0	16096	ACTIVE_FLOW_CONTROLLER_NOT_CONNECTED	R/W	1	ENUM			0 = No; 1 = Yes
416098	3EE1	16097	ACTIVE_FLOW_CONTROLLER_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416099	3EE2	16098	UNDERFLOOR_LOW_AIR_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes
416100	3EE3	16099	UNDERFLOOR_LOCAL_LOW_AIR_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes
416101	3EE4	16100	CIRCUIT_1_EXV_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416102	3EE5	16101	CIRCUIT_2_EXV_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416103	3EE6	16102	CIRCUIT_1_EXV_LOW_SUPERHEAT	R/W	1	ENUM			0 = No; 1 = Yes
416104	3EE7	16103	CIRCUIT_2_EXV_LOW_SUPERHEAT	R/W	1	ENUM			0 = No; 1 = Yes
416105	3EE8	16104	EEPROM_WRITE_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416106	3EE9	16105	AIR_FILTER_SERVICE_REQUIRED	R/W	1	ENUM			0 = No; 1 = Yes
416107	3EEA	16106	UNIT_SERVICE_REQUIRED	R/W	1	ENUM			0 = No; 1 = Yes
416108	3EEB	16107	LINE_A_ENERGIZED	R/W	1	ENUM			0 = No; 1 = Yes
416109	3EEC	16108	LINE_B_ENERGIZED	R/W	1	ENUM			0 = No; 1 = Yes
416110	3EED	16109	IDLE_DUE_TO_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416111	3EEE	16110	OFF_DUE_TO_USER_ACTION	R/W	1	ENUM			0 = No; 1 = Yes
416112	3EEF	16111	OUTPUT_RELAY_1_ACTIVE	R/W	1	ENUM			0 = No; 1 = Yes
416113	3EF0	16112	OUTPUT_RELAY_2_ACTIVE	R/W	1	ENUM			0 = No; 1 = Yes
416114	3EF1	16113	OUTPUT_RELAY_3_ACTIVE	R/W	1	ENUM			0 = No; 1 = Yes
416115	3EF2	16114	OUTPUT_RELAY_4_ACTIVE	R/W	1	ENUM			0 = No; 1 = Yes
416116	3EF3	16115	UNIT_CONFIGURATION_NOT_COMPLETED_FANS	R/W	1	ENUM			0 = No; 1 = Yes
416117	3EF4	16116	UNIT_CONFIGURATION_NOT_COMPLETED_DX	R/W	1	ENUM			0 = No; 1 = Yes
416118	3EF5	16117	UNIT_CONFIGURATION_NOT_COMPLETED_REHEAT	R/W	1	ENUM			0 = No; 1 = Yes
416119	3EF6	16118	UNIT_CONFIGURATION_NOT_COMPLETED_HUMIDIFIER	R/W	1	ENUM			0 = No; 1 = Yes
416120	3EF7	16119	CKT_1_TRIPPED_DUE_TO_THERMAL_OVLD_OR_HIGH_HEAD_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes
416121	3EF8	16120	CKT_2_TRIPPED_DUE_TO_THERMAL_OVLD_OR_HIGH_HEAD_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes

416122	3EF9	16121	CKT_2_TRIPPED_DUE_TO_HIGH_HEAD_PRESSURE	R/W	1	ENUM			0 = No; 1 = Yes
416123	3EFA	16122	UNIT_CONFIGURATION_NOT_COMPLETED_ENERGY_METER	R/W	1	ENUM			0 = No; 1 = Yes
416124	3EFB	16123	EVAP_FAN_1_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416125	3EFC	16124	EVAP_FAN_2_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416126	3EFD	16125	EVAP_FAN_3_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416127	3EFE	16126	CKT_1_EXCESSIVE_PUMP_DOWN_CYCLES	R/W	1	ENUM			0 = No; 1 = Yes
416128	3EFF	16127	CKT_2_EXCESSIVE_PUMP_DOWN_CYCLES	R/W	1	ENUM			0 = No; 1 = Yes
416129	3F00	16128	CONDENSER_FAN_BANK_1_OVERTEMP_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416130	3F01	16129	CONDENSER_FAN_BANK_2_OVERTEMP_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416131	3F02	16130	CONDENSER_FAN_BANK_1_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416132	3F03	16131	CONDENSER_FAN_BANK_2_INITIALIZATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416133	3F04	16132	EVAP_FAN_1_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416134	3F05	16133	EVAP_FAN_2_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416135	3F06	16134	EVAP_FAN_3_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416136	3F07	16135	CONDENSER_FAN_BANK_1_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416137	3F08	16136	CONDENSER_FAN_BANK_2_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416138	3F09	16137	CONDENSER_BANK_1_FAN_1_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416139	3F0A	16138	CONDENSER_BANK_1_FAN_2_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416140	3F0B	16139	CONDENSER_BANK_1_FAN_3_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416141	3F0C	16140	CONDENSER_BANK_1_FAN_1_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416142	3F0D	16141	CONDENSER_BANK_1_FAN_2_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416143	3F0E	16142	CONDENSER_BANK_1_FAN_3_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416144	3F0F	16143	CONDENSER_BANK_2_FAN_1_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416145	3F10	16144	CONDENSER_BANK_2_FAN_2_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416146	3F11	16145	CONDENSER_BANK_2_FAN_3_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416147	3F12	16146	CONDENSER_BANK_2_FAN_1_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416148	3F13	16147	CONDENSER_BANK_2_FAN_2_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416149	3F14	16148	CONDENSER_BANK_2_FAN_3_COMMUNICATION_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416150	3F15	16149	SELECTED_TEMPERATURE_CTL_MODE_NOT_SUPPORTED	R/W	1	ENUM			0 = No; 1 = Yes
416151	3F16	16150	SELECTED_FAN_CTL_MODE_NOT_SUPPORTED	R/W	1	ENUM			0 = No; 1 = Yes
416152	3F17	16151	UNEXPECTED_NUMBER_OF_REMOTE_TEMP_SENSORS	R/W	1	ENUM			0 = No; 1 = Yes
416153	3F18	16152	REMOTE_AIR_HIGH_TEMPERATURE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416154	3F19	16153	REMOTE_AIR_TEMPERATURE_LOW_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416155	3F1A	16154	RIGHT_SUPPLY_AIR_TEMPERATURE_SENSOR_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416156	3F1B	16155	CIRCUIT_1_EXV_HIGH_SUPERHEAT	R/W	1	ENUM			0 = No; 1 = Yes
416157	3F1C	16156	CIRCUIT_2_EXV_HIGH_SUPERHEAT	R/W	1	ENUM			0 = No; 1 = Yes
416158	3F1D	16157	AFC_FIRMWARE_REVISION_INCOMPATIBILITY	R/W	1	ENUM			0 = No; 1 = Yes
416159	3F1E	16158	PIC1_FIRMWARE_REVISION_INCOMPATIBILITY	R/W	1	ENUM			0 = No; 1 = Yes
416160	3F1F	16159	PIC2_FIRMWARE_REVISION_INCOMPATIBILITY	R/W	1	ENUM			0 = No; 1 = Yes
416161	3F20	16160	SUPPLY_AIR_LOW_TEMPERATURE_VIOLATION	R/W	1	ENUM			0 = No; 1 = Yes
416162	3F21	16161	MIN_MAX_VALUE_RESET_DUE_TO_OVERLAP	R/W	1	ENUM			0 = No; 1 = Yes
416166	3F25	16165	CIRCUIT_1_PUMP_DOWN_TIMED_OUT	R/W	1	ENUM			0 = No; 1 = Yes
416167	3F26	16166	CIRCUIT_2_PUMP_DOWN_TIMED_OUT	R/W	1	ENUM			0 = No; 1 = Yes
416168	3F27	16167	CIRCUIT_2_PERSISTENT_LOW_COMPRESSOR_OIL	R/W	1	ENUM			0 = No; 1 = Yes
416169	3F28	16168	CONDENSER_BANK1_FAN1_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416170	3F29	16169	CONDENSER_BANK2_FAN1_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416171	3F2A	16170	CONDENSER_BANK1_FAN2_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416172	3F2B	16171	CONDENSER_BANK2_FAN2_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416173	3F2C	16172	CONDENSER_BANK1_FAN3_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes
416174	3F2D	16173	CONDENSER_BANK2_FAN3_OVERLOAD_ERROR	R/W	1	ENUM			0 = No; 1 = Yes

Worldwide Customer Support

Customer support for this or any other Schneider-Electric product is available at no charge in any of the following ways:

* Visit the Schneider-Electric Web site to access documents in the Schneider-Electric Knowledge Base and to submit customer support requests.
  - www.schneider-electric.com (Corporate Headquarters) Connect to localized Schneider-Electric Web sites for specific countries, each of which provides customer support information.
  - www.schneider-electric.com/sites/corporate/en/support/support.page - Global support searching Schneider-Electric Knowledge Base and using e-support.
* Contact the Schneider-Electric Customer Support Center by telephone or e-mail.
  - Local, country-specific centers: go to www2.schneider-electric.com/sites/corporate/en/support/operations/local-operations/local-operations.page for contact information.

For information on how to obtain local customer support, contact the Schneider-Electric representative or other distributors from whom you purchased your Schneider-Electric product.