



Modbus Register Map: Refrigerant Distribution Unit (RDU)

990-3691A

12/2014

Notes:
 1. 16-bit registers are transmitted MSB first (i.e. big-endian).
 2. Longs are most-significant word in n+0, least significant word in n+1 (i.e. big-endian).
 3. All data is in holding registers, read with function code 3 (Modbus addresses 4xxxx). Single register writes use function code 6, and multiple register writes use function code 16.
 4. Only RTU is supported; ASCII is not supported.
 5. Signed numbers are two's-complement
 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. ASCII strings include Null terminator.
 8. Accesses to data points on unsupported and reserved registers will return a value of 0 instead of an error.
 9. Accesses to items before data is available will result in an invalid address error.
 10. Strings are two characters per register, first character in high-order byte, second character in low-order byte. Printable ASCII only.
 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. Bit #0 is least significant bit.
 13. Units column: "INT16"=signed 16-bit integer, "UINT16" = unsigned 16-bit integer, "INT32" = signed 32-bit integer, "UINT32" = unsigned 32-bit integer, "ENUM" is a UINT16 value which maps to a defined list of states, "FLOAT" = 32-bit single precision per IEEE St. 754-1985, "ASCII" = the printable ASCII subset from 0x20 - 0x7E.

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response													
// RDU NMC																			
0000	0	IP_ADDRESS	R	16	ASCII														
0010	16	APP_VERSION	R	15	ASCII														
001F	31	AOS_VERSION	R	15	ASCII														
002E	46	FULL_ID	R	20	ASCII														
0042	66	NAME	R	41	ASCII														
006B	107	LOCATION	R	41	ASCII														
0094	148	NMC_RESERVED_REGISTERS	R	107	NA	Reserved													
// RDU Unit																			
0100	256	RDU_MODEL_NUMBER	R	19	ASCII	NA													
0113	275	RDU_SERIAL_NUMBER	R	19	ASCII	NA													
0126	294	RDU_FIRMWARE_REVISION	R	10	ASCII	NA													
0130	304	RDU_HARDWARE_REVISION	R	7	ASCII	NA													
0137	311	RDU_ON_READY_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = DEPRECATED	2 = ON											
0138	312	RDU_STARTUP_DELAY	R/W	1	INTEGER	SECONDS													
0139	313	RDU_PUMP_CHANGEOVER_INTERVAL	R/W	1	INTEGER	DAYS													
013A	314	RDU_LEAD_PUMP	R	1	ENUM	0 = PUMP1	1 = PUMP2												
013B	315	RDU_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = DEPRECATED	2 = ON	3 = STOP	4 = MAINTENANCE MODE									
013C	316	RDU_IDLE_ON_LEAK_DETECT	R/W	1	ENUM	0 = NO	1 = YES												
013D	317	RDU_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED												
013E	318	RDU_SYSTEM_ID	R/W	1	INTEGER	No Units													
013F	319	RDU_TEMPERATURE_HUMIDITY_SENSORS	R	1	INTEGER	BITMAP													
0140	320	RDU_INPUT_NORMAL_STATE	R/W	1	ENUM	0 = OPEN	1 = CLOSED												
0141	321	RDU_INPUT_STATE	R	1	ENUM	0 = OPEN	1 = CLOSED												
0142	322	RDU_OUTPUT_NORMAL_STATE	R/W	1	ENUM	0 = OPEN	1 = CLOSED												
0143	323	RDU_OUTPUT_STATE	R	1	ENUM	0 = OPEN	1 = CLOSED												
0144	324	RDU_OUTPUT_SOURCE	R/W	1	ENUM	0 = ANY ALARM	1 = CRITICAL ONLY ALARM												
0145	325	RDU_INLET_WATER_TEMPERATURE	R	1	INTEGER	FAHRENHEIT													
0146	326	RDU_OUTLET_WATER_TEMPERATURE	R	1	INTEGER	FAHRENHEIT													
0147	327	RDU_HX_OUTLET SATURATION TEMPERATURE	R	1	INTEGER	FAHRENHEIT													
0148	328	RDU_DEW_POINT TEMPERATURE	R	1	INTEGER	FAHRENHEIT													
0149	329	RDU_PUMP_1 HEAD PRESSURE	R	1	INTEGER	PSI													
014A	330	RDU_PUMP_2 HEAD PRESSURE	R	1	INTEGER	PSI													
014B	331	RDU_HX_OUTLET PRESSURE	R	1	INTEGER	PSI													
014C	332	RDU_HX_OUTLET TEMPERATURE	R	1	INTEGER	FAHRENHEIT													
014D	333	RDU_HX_INLET TEMPERATURE	R	1	INTEGER	FAHRENHEIT													
014E	334	RDU_PUMP_OUTLET TEMPERATURE	R	1	INTEGER	FAHRENHEIT													
014F	335	RDU_SUBCOOLER_OUTLET TEMPERATURE	R	1	INTEGER	FAHRENHEIT													
0150	336	RDU_CW_VALVE POSITION	R	1	INTEGER	PERCENT													
0151	337	RDU_PUMP_1 SPEED	R	1	INTEGER	PERCENT													
0152	338	RDU_PUMP_2 SPEED	R	1	INTEGER	PERCENT													
0153	339	RDU_RECEIVER LIQUID LEVEL	R	1	INTEGER	PERCENT													
0154	340	RDU_DC POWER_SUPPLY_1_CURRENT	R	1	INTEGER	AMPS													
0155	341	RDU_DC POWER_SUPPLY_2_CURRENT	R	1	INTEGER	AMPS													
0156	342	RDU_RUN_HOURS_PUMP_1	R	2	LONG	HOURS													
0158	344	RDU_RUN_HOURS_PUMP_2	R	2	LONG	HOURS													
015A	346	RDU_RUN_HOURS_DC_POWER_SUPPLY_A	R	2	LONG	HOURS													
015C	348	RDU_RUN_HOURS_DC_POWER_SUPPLY_B	R	2	LONG	HOURS													
015E	350	RDU_ENTERING FLUID TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT													
015F	351	RDU_RESET_PUMP_FAULT	W	1	ENUM	0 = NO	1 = YES												
0160	352	RDU_CALIBRATE_REFRIGERANT_LEAK_DETECTOR	W	1	ENUM	0 = NO	1 = YES												
0161	353	RDU_RESERVED_REGISTERS	R	158	NA	Reserved													
// RDU Faults																			
0200	512	RDU_SYSTEM_IDLE	R	1	ENUM	0 = CLEAR	1 = ALARM												
0201	513	RDU_INLET_WATER_TEMPERATURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM												
0202	514	RDU_OUTLET_WATER_TEMPERATURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM												

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response							
0203	515	RDU_HX_OUTLET_TEMPERATURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0204	516	RDU_HX_INLET_TEMPERATURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0205	517	RDU_PUMP_OUTLET_TEMPERATURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0206	518	RDU_SUBCOOLER_OUTLET_TEMPERATURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0207	519	RDU_PUMP_1_DISCHARGE_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0208	520	RDU_PUMP_2_DISCHARGE_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0209	521	RDU_HX_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
020A	522	RDU_NO_TEMP_HUM_SENSORS_AVAILABLE	R	1	ENUM	0 = CLEAR	1 = ALARM						
020B	523	RDU_FACTORY_CONFIGURATION_NOT_COMPLETED	R	1	ENUM	0 = CLEAR	1 = ALARM						
020C	524	RDU_REFRIGERANT_LEAK_DETECTED	R	1	ENUM	0 = CLEAR	1 = ALARM						
020D	525	RDU_WATER_LEAK_DETECTED	R	1	ENUM	0 = CLEAR	1 = ALARM						
020E	526	RDU_CW_VALVE_ACTUATOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
020F	527	RDU_DC_POWER_SUPPLY_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0210	528	RDU_DC_POWER_SUPPLY_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0211	529	RDU_LOW_SATURATION_TEMPERATURE_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0212	530	RDU_PUMP_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0213	531	RDU_PUMP_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0214	532	RDU_LOW_REFRIGERANT_LEVEL	R	1	ENUM	0 = CLEAR	1 = ALARM						
0215	533	RDU_NO_REDUNDANT_PUMP	R	1	ENUM	0 = CLEAR	1 = ALARM						
0216	534	RDU_TEMP_HUM_SENSOR_DUPLICATE_ADDRESS	R	1	ENUM	0 = CLEAR	1 = ALARM						
0217	535	RDU_UNIT_IS_IN_MAINTENANCE_MODE	R	1	ENUM	0 = CLEAR	1 = ALARM						
0218	536	RDU_PERSISTENT_RECEIVER_PUMPED_DRY	R	1	ENUM	0 = CLEAR	1 = ALARM						
0219	537	RDU_POWER_SOURCE_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM						
021A	538	RDU_POWER_SOURCE_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM						
021B	539	RDU_RECEIVER_PUMPED_DRY	R	1	ENUM	0 = CLEAR	1 = ALARM						
021C	540	RDU_CONDENSER_SATURATION_TEMP_OVER_TEMP	R	1	ENUM	0 = CLEAR	1 = ALARM						
021D	541	RDU_INLET_FLUID_TEMP_HIGH_VIOLATION	R	1	ENUM	0 = CLEAR	1 = ALARM						
021E	542	RDU_DISCRETE_INPUT_ABNORMAL	R	1	ENUM	0 = CLEAR	1 = ALARM						
021F	543	RDU_WATER_LEAK_DETECTED_WARNING	R	1	ENUM	0 = CLEAR	1 = ALARM						
0220	544	RDU_PUMP_1_HIGH_HEAD_PRESSURE	R	1	ENUM	0 = CLEAR	1 = ALARM						
0221	545	RDU_PUMP_2_HIGH_HEAD_PRESSURE	R	1	ENUM	0 = CLEAR	1 = ALARM						
0222	546	RDU_PUMPS_VAPOR_LOCKED	R	1	ENUM	0 = CLEAR	1 = ALARM						
0223	547	RDU_STARTING_CONDITIONS_NOT_SATISFIED	R	1	ENUM	0 = CLEAR	1 = ALARM						
0224	548	RDU_PERSISTENT_PUMPS_VAPOR_LOCKED	R	1	ENUM	0 = CLEAR	1 = ALARM						
0225	549	RDU_BYPASS_VALVE_ACTUATOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
0226	550	RDU_REFRIGERANT_LOSS_DETECTION_DISABLED	R	1	ENUM	0 = CLEAR	1 = ALARM						
0227	551	RDU_FAULTS_RESERVED_REGISTERS	R	3544	NA	Reserved							
// Group1 Registers													
1000	4096	GROUP1_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS							
1002	4098	GROUP1_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1004	4100	GROUP1_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1006	4102	GROUP1_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1008	4104	GROUP1_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT							
100A	4106	GROUP1_AVERAGE_AIR_FLOW	R	2	LONG	CFM							
100C	4108	GROUP1_TOTAL_CFM	R	2	LONG	CFM							
100E	4110	GROUP1_RESERVED_REGISTERS	R	241	NA	Reserved							
// Group2 Registers													
1100	4352	GROUP2_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS							
1102	4354	GROUP2_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1104	4356	GROUP2_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1106	4358	GROUP2_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1108	4360	GROUP2_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT							
110A	4362	GROUP2_AVERAGE_AIR_FLOW	R	2	LONG	CFM							
110C	4364	GROUP2_TOTAL_CFM	R	2	LONG	CFM							
110E	4366	GROUP2_RESERVED_REGISTERS	R	241	NA	Reserved							
// Group3 Registers													
1200	4608	GROUP3_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS							
1202	4610	GROUP3_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1204	4612	GROUP3_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1206	4614	GROUP3_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1208	4616	GROUP3_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT							
120A	4618	GROUP3_AVERAGE_AIR_FLOW	R	2	LONG	CFM							
120C	4620	GROUP3_TOTAL_CFM	R	2	LONG	CFM							
120E	4622	GROUP3_RESERVED_REGISTERS	R	241	NA	Reserved							
// Group4 Registers													
1300	4864	GROUP4_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS							
1302	4866	GROUP4_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1304	4868	GROUP4_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1306	4870	GROUP4_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1308	4872	GROUP4_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT							
130A	4874	GROUP4_AVERAGE_AIR_FLOW	R	2	LONG	CFM							
130C	4876	GROUP4_TOTAL_CFM	R	2	LONG	CFM							
130E	4878	GROUP4_RESERVED_REGISTERS	R	241	NA	Reserved							
// Group5 Registers													
1400	5120	GROUP5_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS							
1402	5122	GROUP5_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT							
1404	5124	GROUP5_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT							

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response									
1406	5126	GROUP5_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1408	5128	GROUP5_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT									
140A	5130	GROUP5_AVERAGE_AIR_FLOW	R	2	LONG	CFM									
140C	5132	GROUP5_TOTAL_CFM	R	2	LONG	CFM									
140E	5134	GROUP5_RESERVED_REGISTERS	R	241	NA	Reserved									
// Group6 Registers															
1500	5376	GROUP6_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS									
1502	5378	GROUP6_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1504	5380	GROUP6_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1506	5382	GROUP6_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1508	5384	GROUP6_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT									
150A	5386	GROUP6_AVERAGE_AIR_FLOW	R	2	LONG	CFM									
150C	5388	GROUP6_TOTAL_CFM	R	2	LONG	CFM									
150E	5390	GROUP6_RESERVED_REGISTERS	R	241	NA	Reserved									
// Group7 Registers															
1600	5632	GROUP7_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS									
1602	5634	GROUP7_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1604	5636	GROUP7_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1606	5638	GROUP7_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1608	5640	GROUP7_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT									
160A	5642	GROUP7_AVERAGE_AIR_FLOW	R	2	LONG	CFM									
160C	5644	GROUP7_TOTAL_CFM	R	2	LONG	CFM									
160E	5646	GROUP7_RESERVED_REGISTERS	R	241	NA	Reserved									
// Group8 Registers															
1700	5888	GROUP8_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS									
1702	5890	GROUP8_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1704	5892	GROUP8_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1706	5894	GROUP8_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1708	5896	GROUP8_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT									
170A	5898	GROUP8_AVERAGE_AIR_FLOW	R	2	LONG	CFM									
170C	5900	GROUP8_TOTAL_CFM	R	2	LONG	CFM									
170E	5902	GROUP8_RESERVED_REGISTERS	R	241	NA	Reserved									
// Group9 Registers															
1800	6144	GROUP9_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS									
1802	6146	GROUP9_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1804	6148	GROUP9_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1806	6150	GROUP9_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1808	6152	GROUP9_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT									
180A	6154	GROUP9_AVERAGE_AIR_FLOW	R	2	LONG	CFM									
180C	6156	GROUP9_TOTAL_CFM	R	2	LONG	CFM									
180E	6158	GROUP9_RESERVED_REGISTERS	R	241	NA	Reserved									
// Group10 Registers															
1900	6400	GROUP10_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS									
1902	6402	GROUP10_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1904	6404	GROUP10_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1906	6406	GROUP10_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1908	6408	GROUP10_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT									
190A	6410	GROUP10_AVERAGE_AIR_FLOW	R	2	LONG	CFM									
190C	6412	GROUP10_TOTAL_CFM	R	2	LONG	CFM									
190E	6414	GROUP10_RESERVED_REGISTERS	R	241	NA	Reserved									
// Group11 Registers															
1A00	6656	GROUP11_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS									
1A02	6658	GROUP11_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1A04	6660	GROUP11_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1A06	6662	GROUP11_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1A08	6664	GROUP11_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT									
1A0A	6666	GROUP11_AVERAGE_AIR_FLOW	R	2	LONG	CFM									
1A0C	6668	GROUP11_TOTAL_CFM	R	2	LONG	CFM									
1A0E	6670	GROUP11_RESERVED_REGISTERS	R	241	NA	Reserved									
// Group12 Registers															
1B00	6912	GROUP12_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS									
1B02	6914	GROUP12_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1B04	6916	GROUP12_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1B06	6918	GROUP12_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1B08	6920	GROUP12_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT									
1B0A	6922	GROUP12_AVERAGE_AIR_FLOW	R	2	LONG	CFM									
1B0C	6924	GROUP12_TOTAL_CFM	R	2	LONG	CFM									
1B0E	6926	GROUP12_RESERVED_REGISTERS	R	241	NA	Reserved									
// Group13 Registers															
1C00	7168	GROUP13_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS									
1C02	7170	GROUP13_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1C04	7172	GROUP13_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1C06	7174	GROUP13_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT									
1C08	7176	GROUP13_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT									
1C0A	7178	GROUP13_AVERAGE_AIR_FLOW	R	2	LONG	CFM									
1C0C	7180	GROUP13_TOTAL_CFM	R	2	LONG	CFM									
1C0E	7182	GROUP13_RESERVED_REGISTERS	R	241	NA	Reserved									

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
// Group14 Registers												
1D00	7424	GROUP14_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS						
1D02	7426	GROUP14_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT						
1D04	7428	GROUP14_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT						
1D06	7430	GROUP14_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT						
1D08	7432	GROUP14_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT						
1D0A	7434	GROUP14_AVERAGE_AIR_FLOW	R	2	LONG	CFM						
1D0C	7436	GROUP14_TOTAL_CFM	R	2	LONG	CFM						
1D0E	7438	GROUP14_RESERVED_REGISTERS	R	241	NA	Reserved						
// Group15 Registers												
1E00	7680	GROUP15_TOTAL_COOLING_POWER_OUTPUT	R	2	LONG	KILOWATTS						
1E02	7682	GROUP15_MAX_RACK_INLET_TEMPERATURE	R	2	LONG	FAHRENHEIT						
1E04	7684	GROUP15_AVERAGE_SUPPLY_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT						
1E06	7686	GROUP15_AVERAGE_RETURN_AIR_TEMPERATURE	R	2	LONG	FAHRENHEIT						
1E08	7688	GROUP15_AVERAGE_FAN_SPEED	R	2	LONG	PERCENT						
1E0A	7690	GROUP15_AVERAGE_AIR_FLOW	R	2	LONG	CFM						
1E0C	7692	GROUP15_TOTAL_CFM	R	2	LONG	CFM						
1E0E	7694	GROUP15_RESERVED_REGISTERS	R	497	NA	Reserved						
// CM1 Registers												
2000	8192	CM1_MODEL_NUMBER	R	19	STRING	NA						
2013	8211	CM1_SERIAL_NUMBER	R	19	STRING	NA						
2026	8230	CM1_FIRMWARE_REVISION	R	7	STRING	NA						
202D	8237	CM1_HARDWARE_REVISION	R	7	STRING	NA						
2034	8244	CM1_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
2035	8245	CM1_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
2036	8246	CM1_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
2037	8247	CM1_UNIT_ID	R/W	4	STRING	NA						
203B	8251	CM1_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
203C	8252	CM1_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
203D	8253	CM1_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY		
203E	8254	CM1_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
203F	8255	CM1_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
2040	8256	CM1_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					
2041	8257	CM1_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2042	8258	CM1_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2043	8259	CM1_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
2044	8260	CM1_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
2045	8261	CM1_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH		
2046	8262	CM1_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL					
2047	8263	CM1_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS						
2048	8264	CM1_COOL_GAIN	R/W	1	INTEGER	NO UNITS						
2049	8265	CM1_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS						
204A	8266	CM1_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS						
204B	8267	CM1_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
204C	8268	CM1_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
204D	8269	CM1_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI						
204E	8270	CM1_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI						
204F	8271	CM1_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2050	8272	CM1_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2051	8273	CM1_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT						
2052	8274	CM1_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT						
2053	8275	CM1_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2054	8276	CM1_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2055	8277	CM1_COOL_DEMAND	R	1	INTEGER	KILOWATTS						
2056	8278	CM1_AIR_FLOW	R	1	INTEGER	CFM						
2057	8279	CM1_COOL_OUTPUT	R	1	INTEGER	KILOWATTS						
2058	8280	CM1_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT						
2059	8281	CM1_RUNHOURS_FAN_1	R	2	LONG	HOURS						
205B	8283	CM1_RUNHOURS_FAN_2	R	2	LONG	HOURS						
205D	8285	CM1_RUNHOURS_FAN_3	R	2	LONG	HOURS						
205F	8287	CM1_RUNHOURS_FAN_4	R	2	LONG	HOURS						
2061	8289	CM1_RUNHOURS_FAN_5	R	2	LONG	HOURS						
2063	8291	CM1_RUNHOURS_FAN_6	R	2	LONG	HOURS						
2065	8293	CM1_RUNHOURS_FAN_7	R	2	LONG	HOURS						
2067	8295	CM1_RUNHOURS_FAN_8	R	2	LONG	HOURS						
2069	8297	CM1_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS						
206B	8299	CM1_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
206C	8300	CM1_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
206D	8301	CM1_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
206E	8302	CM1_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
206F	8303	CM1_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM1 Faults												
2100	8448	CM1_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2101	8449	CM1_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2102	8450	CM1_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2103	8451	CM1_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2104	8452	CM1_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response							
2105	8453	CM1_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2106	8454	CM1_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2107	8455	CM1_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2108	8456	CM1_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2109	8457	CM1_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
210A	8458	CM1_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM						
210B	8459	CM1_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM						
210C	8460	CM1_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM						
210D	8461	CM1_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM						
210E	8462	CM1_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM						
210F	8463	CM1_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM						
2110	8464	CM1_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM						
2111	8465	CM1_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2112	8466	CM1_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2113	8467	CM1_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2114	8468	CM1_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2115	8469	CM1_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2116	8470	CM1_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM						
2117	8471	CM1_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM						
2118	8472	CM1_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM						
2119	8473	CM1_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM						
211A	8474	CM1_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM						
211B	8475	CM1_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM						
211C	8476	CM1_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM						
211D	8477	CM1_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM						
211E	8478	CM1_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM						
211F	8479	CM1_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2120	8480	CM1_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM						
2121	8481	CM1_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved							
// CM2 Registers													
2200	8704	CM2_MODEL_NUMBER	R	19	STRING	NA							
2213	8723	CM2_SERIAL_NUMBER	R	19	STRING	NA							
2226	8742	CM2_FIRMWARE_REVISION	R	7	STRING	NA							
222D	8749	CM2_HARDWARE_REVISION	R	7	STRING	NA							
2234	8756	CM2_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON						
2235	8757	CM2_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON						
2236	8758	CM2_STARTUP_DELAY	R/W	1	INTEGER	SECONDS							
2237	8759	CM2_UNIT_ID	R/W	4	STRING	NA							
223B	8763	CM2_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS					
223C	8764	CM2_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES							
223D	8765	CM2_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY			
223E	8766	CM2_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES						
223F	8767	CM2_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA					
2240	8768	CM2_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED						
2241	8769	CM2_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES						
2242	8770	CM2_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES						
2243	8771	CM2_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT							
2244	8772	CM2_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT							
2245	8773	CM2_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH			
2246	8774	CM2_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL						
2247	8775	CM2_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS							
2248	8776	CM2_COOL_GAIN	R/W	1	INTEGER	NO UNITS							
2249	8777	CM2_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS							
224A	8778	CM2_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS							
224B	8779	CM2_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
224C	8780	CM2_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
224D	8781	CM2_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI							
224E	8782	CM2_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI							
224F	8783	CM2_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
2250	8784	CM2_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
2251	8785	CM2_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT							
2252	8786	CM2_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT							
2253	8787	CM2_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
2254	8788	CM2_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
2255	8789	CM2_COOL_DEMAND	R	1	INTEGER	KILOWATTS							
2256	8790	CM2_AIR_FLOW	R	1	INTEGER	CFM							
2257	8791	CM2_COOL_OUTPUT	R	1	INTEGER	KILOWATTS							
2258	8792	CM2_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT							
2259	8793	CM2_RUNHOURS_FAN_1	R	2	LONG	HOURS							
225B	8795	CM2_RUNHOURS_FAN_2	R	2	LONG	HOURS							
225D	8797	CM2_RUNHOURS_FAN_3	R	2	LONG	HOURS							
225F	8799	CM2_RUNHOURS_FAN_4	R	2	LONG	HOURS							
2261	8801	CM2_RUNHOURS_FAN_5	R	2	LONG	HOURS							
2263	8803	CM2_RUNHOURS_FAN_6	R	2	LONG	HOURS							
2265	8805	CM2_RUNHOURS_FAN_7	R	2	LONG	HOURS							
2267	8807	CM2_RUNHOURS_FAN_8	R	2	LONG	HOURS							
2269	8809	CM2_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS							

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
226B	8811	CM2_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
226C	8812	CM2_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
226D	8813	CM2_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
226E	8814	CM2_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
226F	8815	CM2_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM2 Faults												
2300	8960	CM2_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2301	8961	CM2_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2302	8962	CM2_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2303	8963	CM2_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2304	8964	CM2_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2305	8965	CM2_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2306	8966	CM2_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2307	8967	CM2_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2308	8968	CM2_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2309	8969	CM2_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
230A	8970	CM2_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
230B	8971	CM2_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
230C	8972	CM2_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
230D	8973	CM2_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
230E	8974	CM2_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM					
230F	8975	CM2_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2310	8976	CM2_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2311	8977	CM2_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2312	8978	CM2_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2313	8979	CM2_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2314	8980	CM2_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2315	8981	CM2_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2316	8982	CM2_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2317	8983	CM2_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2318	8984	CM2_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2319	8985	CM2_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
231A	8986	CM2_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
231B	8987	CM2_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
231C	8988	CM2_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
231D	8989	CM2_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
231E	8990	CM2_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
231F	8991	CM2_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2320	8992	CM2_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2321	8993	CM2_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM3 Registers												
2400	9216	CM3_MODEL_NUMBER	R	19	STRING	NA						
2413	9235	CM3_SERIAL_NUMBER	R	19	STRING	NA						
2426	9254	CM3_FIRMWARE_REVISION	R	7	STRING	NA						
242D	9261	CM3_HARDWARE_REVISION	R	7	STRING	NA						
2434	9268	CM3_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
2435	9269	CM3_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
2436	9270	CM3_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
2437	9271	CM3_UNIT_ID	R/W	4	STRING	NA						
243B	9275	CM3_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
243C	9276	CM3_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
243D	9277	CM3_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENANCE	4 = READY		
243E	9278	CM3_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
243F	9279	CM3_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
2440	9280	CM3_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					
2441	9281	CM3_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2442	9282	CM3_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2443	9283	CM3_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
2444	9284	CM3_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
2445	9285	CM3_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH		
2446	9286	CM3_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL					
2447	9287	CM3_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS						
2448	9288	CM3_COOL_GAIN	R/W	1	INTEGER	NO UNITS						
2449	9289	CM3_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS						
244A	9290	CM3_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS						
244B	9291	CM3_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
244C	9292	CM3_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
244D	9293	CM3_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI						
244E	9294	CM3_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI						
244F	9295	CM3_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2450	9296	CM3_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2451	9297	CM3_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT						
2452	9298	CM3_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT						
2453	9299	CM3_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2454	9300	CM3_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2455	9301	CM3_COOL_DEMAND	R	1	INTEGER	KILOWATTS						
2456	9302	CM3_AIR_FLOW	R	1	INTEGER	CFM						

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
2457	9303	CM3_COOL_OUTPUT	R	1	INTEGER	KILOWATTS						
2458	9304	CM3_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT						
2459	9305	CM3_RUNHOURS_FAN_1	R	2	LONG	HOURS						
245B	9307	CM3_RUNHOURS_FAN_2	R	2	LONG	HOURS						
245D	9309	CM3_RUNHOURS_FAN_3	R	2	LONG	HOURS						
245F	9311	CM3_RUNHOURS_FAN_4	R	2	LONG	HOURS						
2461	9313	CM3_RUNHOURS_FAN_5	R	2	LONG	HOURS						
2463	9315	CM3_RUNHOURS_FAN_6	R	2	LONG	HOURS						
2465	9317	CM3_RUNHOURS_FAN_7	R	2	LONG	HOURS						
2467	9319	CM3_RUNHOURS_FAN_8	R	2	LONG	HOURS						
2469	9321	CM3_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS						
246B	9323	CM3_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
246C	9324	CM3_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
246D	9325	CM3_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
246E	9326	CM3_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
246F	9327	CM3_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM3 Faults												
2500	9472	CM3_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2501	9473	CM3_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2502	9474	CM3_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2503	9475	CM3_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2504	9476	CM3_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2505	9477	CM3_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2506	9478	CM3_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2507	9479	CM3_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2508	9480	CM3_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2509	9481	CM3_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
250A	9482	CM3_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
250B	9483	CM3_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
250C	9484	CM3_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
250D	9485	CM3_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
250E	9486	CM3_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM					
250F	9487	CM3_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2510	9488	CM3_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2511	9489	CM3_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2512	9490	CM3_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2513	9491	CM3_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2514	9492	CM3_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2515	9493	CM3_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2516	9494	CM3_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2517	9495	CM3_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2518	9496	CM3_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2519	9497	CM3_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
251A	9498	CM3_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
251B	9499	CM3_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
251C	9500	CM3_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
251D	9501	CM3_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
251E	9502	CM3_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
251F	9503	CM3_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2520	9504	CM3_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2521	9505	CM3_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM4 Registers												
2600	9728	CM4_MODEL_NUMBER	R	19	STRING	NA						
2613	9747	CM4_SERIAL_NUMBER	R	19	STRING	NA						
2626	9766	CM4_FIRMWARE_REVISION	R	7	STRING	NA						
262D	9773	CM4_HARDWARE_REVISION	R	7	STRING	NA						
2634	9780	CM4_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
2635	9781	CM4_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
2636	9782	CM4_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
2637	9783	CM4_UNIT_ID	R/W	4	STRING	NA						
263B	9787	CM4_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
263C	9788	CM4_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
263D	9789	CM4_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY		
263E	9790	CM4_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
263F	9791	CM4_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
2640	9792	CM4_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					
2641	9793	CM4_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2642	9794	CM4_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2643	9795	CM4_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
2644	9796	CM4_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
2645	9797	CM4_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH		
2646	9798	CM4_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL					
2647	9799	CM4_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS						
2648	9800	CM4_COOL_GAIN	R/W	1	INTEGER	NO UNITS						
2649	9801	CM4_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS						
264A	9802	CM4_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS						
264B	9803	CM4_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
264C	9804	CM4_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
264D	9805	CM4_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI						
264E	9806	CM4_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI						
264F	9807	CM4_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2650	9808	CM4_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2651	9809	CM4_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT						
2652	9810	CM4_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT						
2653	9811	CM4_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2654	9812	CM4_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2655	9813	CM4_COOL_DEMAND	R	1	INTEGER	KILOWATTS						
2656	9814	CM4_AIR_FLOW	R	1	INTEGER	CFM						
2657	9815	CM4_COOL_OUTPUT	R	1	INTEGER	KILOWATTS						
2658	9816	CM4_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT						
2659	9817	CM4_RUNHOURS_FAN_1	R	2	LONG	HOURS						
265B	9819	CM4_RUNHOURS_FAN_2	R	2	LONG	HOURS						
265D	9821	CM4_RUNHOURS_FAN_3	R	2	LONG	HOURS						
265F	9823	CM4_RUNHOURS_FAN_4	R	2	LONG	HOURS						
2661	9825	CM4_RUNHOURS_FAN_5	R	2	LONG	HOURS						
2663	9827	CM4_RUNHOURS_FAN_6	R	2	LONG	HOURS						
2665	9829	CM4_RUNHOURS_FAN_7	R	2	LONG	HOURS						
2667	9831	CM4_RUNHOURS_FAN_8	R	2	LONG	HOURS						
2669	9833	CM4_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS						
266B	9835	CM4_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
266C	9836	CM4_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
266D	9837	CM4_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
266E	9838	CM4_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
266F	9839	CM4_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM4 Faults												
2700	9984	CM4_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2701	9985	CM4_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2702	9986	CM4_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2703	9987	CM4_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2704	9988	CM4_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2705	9989	CM4_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2706	9990	CM4_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2707	9991	CM4_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2708	9992	CM4_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2709	9993	CM4_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
270A	9994	CM4_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
270B	9995	CM4_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
270C	9996	CM4_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
270D	9997	CM4_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
270E	9998	CM4_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM					
270F	9999	CM4_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2710	10000	CM4_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2711	10001	CM4_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2712	10002	CM4_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2713	10003	CM4_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2714	10004	CM4_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2715	10005	CM4_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2716	10006	CM4_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2717	10007	CM4_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2718	10008	CM4_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2719	10009	CM4_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
271A	10010	CM4_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
271B	10011	CM4_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
271C	10012	CM4_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
271D	10013	CM4_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
271E	10014	CM4_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
271F	10015	CM4_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2720	10016	CM4_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2721	10017	CM4_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM5 Registers												
2800	10240	CM5_MODEL_NUMBER	R	19	STRING	NA						
2813	10259	CM5_SERIAL_NUMBER	R	19	STRING	NA						
2826	10278	CM5_FIRMWARE_REVISION	R	7	STRING	NA						
282D	10285	CM5_HARDWARE_REVISION	R	7	STRING	NA						
2834	10292	CM5_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
2835	10293	CM5_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
2836	10294	CM5_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
2837	10295	CM5_UNIT_ID	R/W	4	STRING	NA						
283B	10299	CM5_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
283C	10300	CM5_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
283D	10301	CM5_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY		
283E	10302	CM5_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
283F	10303	CM5_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
2840	10304	CM5_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response					
2841	10305	CM5_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES				
2842	10306	CM5_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES				
2843	10307	CM5_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT					
2844	10308	CM5_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT					
2845	10309	CM5_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH	
2846	10310	CM5_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL				
2847	10311	CM5_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS					
2848	10312	CM5_COOL_GAIN	R/W	1	INTEGER	NO UNITS					
2849	10313	CM5_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS					
284A	10314	CM5_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS					
284B	10315	CM5_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
284C	10316	CM5_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
284D	10317	CM5_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI					
284E	10318	CM5_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI					
284F	10319	CM5_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2850	10320	CM5_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2851	10321	CM5_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT					
2852	10322	CM5_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT					
2853	10323	CM5_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2854	10324	CM5_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2855	10325	CM5_COOL_DEMAND	R	1	INTEGER	KILOWATTS					
2856	10326	CM5_AIR_FLOW	R	1	INTEGER	CFM					
2857	10327	CM5_COOL_OUTPUT	R	1	INTEGER	KILOWATTS					
2858	10328	CM5_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT					
2859	10329	CM5_RUNHOURS_FAN_1	R	2	LONG	HOURS					
285B	10331	CM5_RUNHOURS_FAN_2	R	2	LONG	HOURS					
285D	10333	CM5_RUNHOURS_FAN_3	R	2	LONG	HOURS					
285F	10335	CM5_RUNHOURS_FAN_4	R	2	LONG	HOURS					
2861	10337	CM5_RUNHOURS_FAN_5	R	2	LONG	HOURS					
2863	10339	CM5_RUNHOURS_FAN_6	R	2	LONG	HOURS					
2865	10341	CM5_RUNHOURS_FAN_7	R	2	LONG	HOURS					
2867	10343	CM5_RUNHOURS_FAN_8	R	2	LONG	HOURS					
2869	10345	CM5_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS					
286B	10347	CM5_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
286C	10348	CM5_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
286D	10349	CM5_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
286E	10350	CM5_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS					
286F	10351	CM5_RESERVED_REGISTERS	R	144	NA	Reserved					
// CM5 Faults											
2900	10496	CM5_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2901	10497	CM5_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2902	10498	CM5_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2903	10499	CM5_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2904	10500	CM5_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2905	10501	CM5_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2906	10502	CM5_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2907	10503	CM5_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2908	10504	CM5_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2909	10505	CM5_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
290A	10506	CM5_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
290B	10507	CM5_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
290C	10508	CM5_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
290D	10509	CM5_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM				
290E	10510	CM5_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM				
290F	10511	CM5_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM				
2910	10512	CM5_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM				
2911	10513	CM5_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2912	10514	CM5_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2913	10515	CM5_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2914	10516	CM5_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2915	10517	CM5_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2916	10518	CM5_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM				
2917	10519	CM5_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM				
2918	10520	CM5_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM				
2919	10521	CM5_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM				
291A	10522	CM5_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM				
291B	10523	CM5_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM				
291C	10524	CM5_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM				
291D	10525	CM5_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM				
291E	10526	CM5_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM				
291F	10527	CM5_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2920	10528	CM5_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2921	10529	CM5_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved					
// CM6 Registers											
2A00	10752	CM6_MODEL_NUMBER	R	19	STRING	NA					
2A13	10771	CM6_SERIAL_NUMBER	R	19	STRING	NA					
2A26	10790	CM6_FIRMWARE_REVISION	R	7	STRING	NA					

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response					
2A2D	10797	CM6_HARDWARE_REVISION	R	7	STRING	NA					
2A34	10804	CM6_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON				
2A35	10805	CM6_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON				
2A36	10806	CM6_STARTUP_DELAY	R/W	1	INTEGER	SECONDS					
2A37	10807	CM6_UNIT_ID	R/W	4	STRING	NA					
2A3B	10811	CM6_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS			
2A3C	10812	CM6_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES					
2A3D	10813	CM6_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY	
2A3E	10814	CM6_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES				
2A3F	10815	CM6_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA			
2A40	10816	CM6_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED				
2A41	10817	CM6_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES				
2A42	10818	CM6_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES				
2A43	10819	CM6_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT					
2A44	10820	CM6_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT					
2A45	10821	CM6_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH	
2A46	10822	CM6_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL				
2A47	10823	CM6_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS					
2A48	10824	CM6_COOL_GAIN	R/W	1	INTEGER	NO UNITS					
2A49	10825	CM6_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS					
2A4A	10826	CM6_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS					
2A4B	10827	CM6_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2A4C	10828	CM6_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2A4D	10829	CM6_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI					
2A4E	10830	CM6_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI					
2A4F	10831	CM6_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2A50	10832	CM6_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2A51	10833	CM6_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT					
2A52	10834	CM6_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT					
2A53	10835	CM6_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2A54	10836	CM6_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
2A55	10837	CM6_COOL_DEMAND	R	1	INTEGER	KILOWATTS					
2A56	10838	CM6_AIR_FLOW	R	1	INTEGER	CFM					
2A57	10839	CM6_COOL_OUTPUT	R	1	INTEGER	KILOWATTS					
2A58	10840	CM6_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT					
2A59	10841	CM6_RUNHOURS_FAN_1	R	2	LONG	HOURS					
2A5B	10843	CM6_RUNHOURS_FAN_2	R	2	LONG	HOURS					
2A5D	10845	CM6_RUNHOURS_FAN_3	R	2	LONG	HOURS					
2A5F	10847	CM6_RUNHOURS_FAN_4	R	2	LONG	HOURS					
2A61	10849	CM6_RUNHOURS_FAN_5	R	2	LONG	HOURS					
2A63	10851	CM6_RUNHOURS_FAN_6	R	2	LONG	HOURS					
2A65	10853	CM6_RUNHOURS_FAN_7	R	2	LONG	HOURS					
2A67	10855	CM6_RUNHOURS_FAN_8	R	2	LONG	HOURS					
2A69	10857	CM6_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS					
2A6B	10859	CM6_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
2A6C	10860	CM6_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
2A6D	10861	CM6_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
2A6E	10862	CM6_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS					
2A6F	10863	CM6_RESERVED_REGISTERS	R	144	NA	Reserved					
// CM6 Faults											
2B00	11008	CM6_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B01	11009	CM6_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B02	11010	CM6_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B03	11011	CM6_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B04	11012	CM6_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B05	11013	CM6_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B06	11014	CM6_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B07	11015	CM6_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B08	11016	CM6_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B09	11017	CM6_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B0A	11018	CM6_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B0B	11019	CM6_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B0C	11020	CM6_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B0D	11021	CM6_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B0E	11022	CM6_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B0F	11023	CM6_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B10	11024	CM6_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B11	11025	CM6_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B12	11026	CM6_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B13	11027	CM6_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B14	11028	CM6_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B15	11029	CM6_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B16	11030	CM6_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B17	11031	CM6_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B18	11032	CM6_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B19	11033	CM6_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM				
2B1A	11034	CM6_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM				

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
2B1B	11035	CM6_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
2B1C	11036	CM6_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
2B1D	11037	CM6_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2B1E	11038	CM6_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
2B1F	11039	CM6_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2B20	11040	CM6_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2B21	11041	CM6_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM7 Registers												
2C00	11264	CM7_MODEL_NUMBER	R	19	STRING	NA						
2C13	11283	CM7_SERIAL_NUMBER	R	19	STRING	NA						
2C26	11302	CM7_FIRMWARE_REVISION	R	7	STRING	NA						
2C2D	11309	CM7_HARDWARE_REVISION	R	7	STRING	NA						
2C34	11316	CM7_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
2C35	11317	CM7_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
2C36	11318	CM7_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
2C37	11319	CM7_UNIT_ID	R/W	4	STRING	NA						
2C3B	11323	CM7_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
2C3C	11324	CM7_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
2C3D	11325	CM7_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY		
2C3E	11326	CM7_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
2C3F	11327	CM7_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
2C40	11328	CM7_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					
2C41	11329	CM7_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2C42	11330	CM7_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2C43	11331	CM7_COOL_SETPPOINT	R/W	1	INTEGER	FAHRENHEIT						
2C44	11332	CM7_SUPPLY_AIR_SETPPOINT	R/W	1	INTEGER	FAHRENHEIT						
2C45	11333	CM7_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH		
2C46	11334	CM7_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL					
2C47	11335	CM7_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS						
2C48	11336	CM7_COOL_GAIN	R/W	1	INTEGER	NO UNITS						
2C49	11337	CM7_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS						
2C4A	11338	CM7_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS						
2C4B	11339	CM7_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2C4C	11340	CM7_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2C4D	11341	CM7_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI						
2C4E	11342	CM7_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI						
2C4F	11343	CM7_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2C50	11344	CM7_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2C51	11345	CM7_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT						
2C52	11346	CM7_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT						
2C53	11347	CM7_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2C54	11348	CM7_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2C55	11349	CM7_COOL_DEMAND	R	1	INTEGER	KILOWATTS						
2C56	11350	CM7_AIR_FLOW	R	1	INTEGER	CFM						
2C57	11351	CM7_COOL_OUTPUT	R	1	INTEGER	KILOWATTS						
2C58	11352	CM7_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT						
2C59	11353	CM7_RUNHOURS_FAN_1	R	2	LONG	HOURS						
2C5B	11355	CM7_RUNHOURS_FAN_2	R	2	LONG	HOURS						
2C5D	11357	CM7_RUNHOURS_FAN_3	R	2	LONG	HOURS						
2C5F	11359	CM7_RUNHOURS_FAN_4	R	2	LONG	HOURS						
2C61	11361	CM7_RUNHOURS_FAN_5	R	2	LONG	HOURS						
2C63	11363	CM7_RUNHOURS_FAN_6	R	2	LONG	HOURS						
2C65	11365	CM7_RUNHOURS_FAN_7	R	2	LONG	HOURS						
2C67	11367	CM7_RUNHOURS_FAN_8	R	2	LONG	HOURS						
2C69	11369	CM7_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS						
2C6B	11371	CM7_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
2C6C	11372	CM7_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
2C6D	11373	CM7_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
2C6E	11374	CM7_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
2C6F	11375	CM7_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM7 Faults												
2D00	11520	CM7_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D01	11521	CM7_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D02	11522	CM7_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D03	11523	CM7_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D04	11524	CM7_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D05	11525	CM7_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D06	11526	CM7_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D07	11527	CM7_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D08	11528	CM7_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D09	11529	CM7_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D0A	11530	CM7_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D0B	11531	CM7_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D0C	11532	CM7_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D0D	11533	CM7_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D0E	11534	CM7_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D0F	11535	CM7_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
2D10	11536	CM7_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D11	11537	CM7_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D12	11538	CM7_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D13	11539	CM7_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D14	11540	CM7_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D15	11541	CM7_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D16	11542	CM7_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D17	11543	CM7_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D18	11544	CM7_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D19	11545	CM7_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D1A	11546	CM7_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D1B	11547	CM7_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D1C	11548	CM7_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D1D	11549	CM7_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D1E	11550	CM7_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D1F	11551	CM7_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D20	11552	CM7_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2D21	11553	CM7_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM8 Registers												
2E00	11776	CM8_MODEL_NUMBER	R	19	STRING	NA						
2E13	11795	CM8_SERIAL_NUMBER	R	19	STRING	NA						
2E26	11814	CM8_FIRMWARE_REVISION	R	7	STRING	NA						
2E2D	11821	CM8_HARDWARE_REVISION	R	7	STRING	NA						
2E34	11828	CM8_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
2E35	11829	CM8_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
2E36	11830	CM8_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
2E37	11831	CM8_UNIT_ID	R/W	4	STRING	NA						
2E3B	11835	CM8_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
2E3C	11836	CM8_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
2E3D	11837	CM8_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY		
2E3E	11838	CM8_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
2E3F	11839	CM8_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
2E40	11840	CM8_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					
2E41	11841	CM8_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2E42	11842	CM8_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
2E43	11843	CM8_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
2E44	11844	CM8_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
2E45	11845	CM8_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH		
2E46	11846	CM8_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL					
2E47	11847	CM8_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS						
2E48	11848	CM8_COOL_GAIN	R/W	1	INTEGER	NO UNITS						
2E49	11849	CM8_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS						
2E4A	11850	CM8_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS						
2E4B	11851	CM8_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2E4C	11852	CM8_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2E4D	11853	CM8_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI						
2E4E	11854	CM8_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI						
2E4F	11855	CM8_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2E50	11856	CM8_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2E51	11857	CM8_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT						
2E52	11858	CM8_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT						
2E53	11859	CM8_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2E54	11860	CM8_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
2E55	11861	CM8_COOL_DEMAND	R	1	INTEGER	KILOWATTS						
2E56	11862	CM8_AIR_FLOW	R	1	INTEGER	CFM						
2E57	11863	CM8_COOL_OUTPUT	R	1	INTEGER	KILOWATTS						
2E58	11864	CM8_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT						
2E59	11865	CM8_RUNHOURS_FAN_1	R	2	LONG	HOURS						
2E5B	11867	CM8_RUNHOURS_FAN_2	R	2	LONG	HOURS						
2E5D	11869	CM8_RUNHOURS_FAN_3	R	2	LONG	HOURS						
2E5F	11871	CM8_RUNHOURS_FAN_4	R	2	LONG	HOURS						
2E61	11873	CM8_RUNHOURS_FAN_5	R	2	LONG	HOURS						
2E63	11875	CM8_RUNHOURS_FAN_6	R	2	LONG	HOURS						
2E65	11877	CM8_RUNHOURS_FAN_7	R	2	LONG	HOURS						
2E67	11879	CM8_RUNHOURS_FAN_8	R	2	LONG	HOURS						
2E69	11881	CM8_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS						
2E6B	11883	CM8_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
2E6C	11884	CM8_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
2E6D	11885	CM8_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
2E6E	11886	CM8_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
2E6F	11887	CM8_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM8 Faults												
2F00	12032	CM8_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F01	12033	CM8_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F02	12034	CM8_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F03	12035	CM8_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F04	12036	CM8_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
2F05	12037	CM8_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F06	12038	CM8_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F07	12039	CM8_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F08	12040	CM8_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F09	12041	CM8_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F0A	12042	CM8_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F0B	12043	CM8_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F0C	12044	CM8_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F0D	12045	CM8_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F0E	12046	CM8_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F0F	12047	CM8_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F10	12048	CM8_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F11	12049	CM8_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F12	12050	CM8_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F13	12051	CM8_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F14	12052	CM8_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F15	12053	CM8_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F16	12054	CM8_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F17	12055	CM8_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F18	12056	CM8_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F19	12057	CM8_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F1A	12058	CM8_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F1B	12059	CM8_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F1C	12060	CM8_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F1D	12061	CM8_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F1E	12062	CM8_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F1F	12063	CM8_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F20	12064	CM8_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
2F21	12065	CM8_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM9 Registers												
3000	12288	CM9_MODEL_NUMBER	R	19	STRING	NA						
3013	12307	CM9_SERIAL_NUMBER	R	19	STRING	NA						
3026	12326	CM9_FIRMWARE_REVISION	R	7	STRING	NA						
302D	12333	CM9_HARDWARE_REVISION	R	7	STRING	NA						
3034	12340	CM9_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
3035	12341	CM9_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
3036	12342	CM9_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
3037	12343	CM9_UNIT_ID	R/W	4	STRING	NA						
303B	12347	CM9_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
303C	12348	CM9_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
303D	12349	CM9_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY		
303E	12350	CM9_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
303F	12351	CM9_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
3040	12352	CM9_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					
3041	12353	CM9_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
3042	12354	CM9_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
3043	12355	CM9_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
3044	12356	CM9_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
3045	12357	CM9_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH		
3046	12358	CM9_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL					
3047	12359	CM9_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS						
3048	12360	CM9_COOL_GAIN	R/W	1	INTEGER	NO UNITS						
3049	12361	CM9_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS						
304A	12362	CM9_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS						
304B	12363	CM9_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
304C	12364	CM9_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
304D	12365	CM9_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI						
304E	12366	CM9_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI						
304F	12367	CM9_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3050	12368	CM9_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3051	12369	CM9_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT						
3052	12370	CM9_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT						
3053	12371	CM9_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3054	12372	CM9_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3055	12373	CM9_COOL_DEMAND	R	1	INTEGER	KILOWATTS						
3056	12374	CM9_AIR_FLOW	R	1	INTEGER	CFM						
3057	12375	CM9_COOL_OUTPUT	R	1	INTEGER	KILOWATTS						
3058	12376	CM9_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT						
3059	12377	CM9_RUNHOURS_FAN_1	R	2	LONG	HOURS						
305B	12379	CM9_RUNHOURS_FAN_2	R	2	LONG	HOURS						
305D	12381	CM9_RUNHOURS_FAN_3	R	2	LONG	HOURS						
305F	12383	CM9_RUNHOURS_FAN_4	R	2	LONG	HOURS						
3061	12385	CM9_RUNHOURS_FAN_5	R	2	LONG	HOURS						
3063	12387	CM9_RUNHOURS_FAN_6	R	2	LONG	HOURS						
3065	12389	CM9_RUNHOURS_FAN_7	R	2	LONG	HOURS						
3067	12391	CM9_RUNHOURS_FAN_8	R	2	LONG	HOURS						
3069	12393	CM9_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS						

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
306B	12395	CM9_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
306C	12396	CM9_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
306D	12397	CM9_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
306E	12398	CM9_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
306F	12399	CM9_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM9 Faults												
3100	12544	CM9_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3101	12545	CM9_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3102	12546	CM9_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3103	12547	CM9_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3104	12548	CM9_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3105	12549	CM9_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3106	12550	CM9_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3107	12551	CM9_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3108	12552	CM9_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3109	12553	CM9_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
310A	12554	CM9_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
310B	12555	CM9_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
310C	12556	CM9_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
310D	12557	CM9_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
310E	12558	CM9_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM					
310F	12559	CM9_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3110	12560	CM9_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3111	12561	CM9_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3112	12562	CM9_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3113	12563	CM9_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3114	12564	CM9_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3115	12565	CM9_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3116	12566	CM9_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
3117	12567	CM9_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
3118	12568	CM9_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3119	12569	CM9_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
311A	12570	CM9_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
311B	12571	CM9_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
311C	12572	CM9_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
311D	12573	CM9_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
311E	12574	CM9_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
311F	12575	CM9_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3120	12576	CM9_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3121	12577	CM9_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM10 Registers												
3200	12800	CM10_MODEL_NUMBER	R	19	STRING	NA						
3213	12819	CM10_SERIAL_NUMBER	R	19	STRING	NA						
3226	12838	CM10_FIRMWARE_REVISION	R	7	STRING	NA						
322D	12845	CM10_HARDWARE_REVISION	R	7	STRING	NA						
3234	12852	CM10_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
3235	12853	CM10_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
3236	12854	CM10_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
3237	12855	CM10_UNIT_ID	R/W	4	STRING	NA						
323B	12859	CM10_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
323C	12860	CM10_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
323D	12861	CM10_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENANCE	4 = READY		
323E	12862	CM10_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
323F	12863	CM10_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
3240	12864	CM10_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					
3241	12865	CM10_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
3242	12866	CM10_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
3243	12867	CM10_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
3244	12868	CM10_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
3245	12869	CM10_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH		
3246	12870	CM10_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL					
3247	12871	CM10_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS						
3248	12872	CM10_COOL_GAIN	R/W	1	INTEGER	NO UNITS						
3249	12873	CM10_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS						
324A	12874	CM10_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS						
324B	12875	CM10_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
324C	12876	CM10_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
324D	12877	CM10_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI						
324E	12878	CM10_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI						
324F	12879	CM10_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3250	12880	CM10_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3251	12881	CM10_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT						
3252	12882	CM10_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT						
3253	12883	CM10_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3254	12884	CM10_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3255	12885	CM10_COOL_DEMAND	R	1	INTEGER	KILOWATTS						
3256	12886	CM10_AIR_FLOW	R	1	INTEGER	CFM						

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
3257	12887	CM10_COOL_OUTPUT	R	1	INTEGER	KILOWATTS						
3258	12888	CM10_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT						
3259	12889	CM10_RUNHOURS_FAN_1	R	2	LONG	HOURS						
325B	12891	CM10_RUNHOURS_FAN_2	R	2	LONG	HOURS						
325D	12893	CM10_RUNHOURS_FAN_3	R	2	LONG	HOURS						
325F	12895	CM10_RUNHOURS_FAN_4	R	2	LONG	HOURS						
3261	12897	CM10_RUNHOURS_FAN_5	R	2	LONG	HOURS						
3263	12899	CM10_RUNHOURS_FAN_6	R	2	LONG	HOURS						
3265	12901	CM10_RUNHOURS_FAN_7	R	2	LONG	HOURS						
3267	12903	CM10_RUNHOURS_FAN_8	R	2	LONG	HOURS						
3269	12905	CM10_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS						
326B	12907	CM10_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
326C	12908	CM10_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
326D	12909	CM10_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
326E	12910	CM10_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
326F	12911	CM10_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM10 Faults												
3300	13056	CM10_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3301	13057	CM10_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3302	13058	CM10_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3303	13059	CM10_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3304	13060	CM10_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3305	13061	CM10_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3306	13062	CM10_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3307	13063	CM10_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3308	13064	CM10_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3309	13065	CM10_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
330A	13066	CM10_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
330B	13067	CM10_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
330C	13068	CM10_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
330D	13069	CM10_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
330E	13070	CM10_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM					
330F	13071	CM10_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3310	13072	CM10_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3311	13073	CM10_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3312	13074	CM10_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3313	13075	CM10_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3314	13076	CM10_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3315	13077	CM10_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3316	13078	CM10_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
3317	13079	CM10_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
3318	13080	CM10_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3319	13081	CM10_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
331A	13082	CM10_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
331B	13083	CM10_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
331C	13084	CM10_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
331D	13085	CM10_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
331E	13086	CM10_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
331F	13087	CM10_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3320	13088	CM10_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3321	13089	CM10_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM11 Registers												
3400	13312	CM11_MODEL_NUMBER	R	19	STRING	NA						
3413	13331	CM11_SERIAL_NUMBER	R	19	STRING	NA						
3426	13350	CM11_FIRMWARE_REVISION	R	7	STRING	NA						
342D	13357	CM11_HARDWARE_REVISION	R	7	STRING	NA						
3434	13364	CM11_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
3435	13365	CM11_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
3436	13366	CM11_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
3437	13367	CM11_UNIT_ID	R/W	4	STRING	NA						
343B	13371	CM11_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
343C	13372	CM11_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
343D	13373	CM11_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY		
343E	13374	CM11_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
343F	13375	CM11_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
3440	13376	CM11_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					
3441	13377	CM11_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
3442	13378	CM11_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
3443	13379	CM11_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
3444	13380	CM11_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
3445	13381	CM11_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH		
3446	13382	CM11_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL					
3447	13383	CM11_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS						
3448	13384	CM11_COOL_GAIN	R/W	1	INTEGER	NO UNITS						
3449	13385	CM11_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS						
344A	13386	CM11_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS						
344B	13387	CM11_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
344C	13388	CM11_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
344D	13389	CM11_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI						
344E	13390	CM11_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI						
344F	13391	CM11_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3450	13392	CM11_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3451	13393	CM11_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT						
3452	13394	CM11_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT						
3453	13395	CM11_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3454	13396	CM11_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3455	13397	CM11_COOL_DEMAND	R	1	INTEGER	KILOWATTS						
3456	13398	CM11_AIR_FLOW	R	1	INTEGER	CFM						
3457	13399	CM11_COOL_OUTPUT	R	1	INTEGER	KILOWATTS						
3458	13400	CM11_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT						
3459	13401	CM11_RUNHOURS_FAN_1	R	2	LONG	HOURS						
345B	13403	CM11_RUNHOURS_FAN_2	R	2	LONG	HOURS						
345D	13405	CM11_RUNHOURS_FAN_3	R	2	LONG	HOURS						
345F	13407	CM11_RUNHOURS_FAN_4	R	2	LONG	HOURS						
3461	13409	CM11_RUNHOURS_FAN_5	R	2	LONG	HOURS						
3463	13411	CM11_RUNHOURS_FAN_6	R	2	LONG	HOURS						
3465	13413	CM11_RUNHOURS_FAN_7	R	2	LONG	HOURS						
3467	13415	CM11_RUNHOURS_FAN_8	R	2	LONG	HOURS						
3469	13417	CM11_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS						
346B	13419	CM11_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
346C	13420	CM11_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
346D	13421	CM11_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
346E	13422	CM11_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
346F	13423	CM11_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM11 Faults												
3500	13568	CM11_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3501	13569	CM11_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3502	13570	CM11_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3503	13571	CM11_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3504	13572	CM11_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3505	13573	CM11_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3506	13574	CM11_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3507	13575	CM11_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3508	13576	CM11_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3509	13577	CM11_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
350A	13578	CM11_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
350B	13579	CM11_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
350C	13580	CM11_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM					
350D	13581	CM11_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
350E	13582	CM11_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM					
350F	13583	CM11_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3510	13584	CM11_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3511	13585	CM11_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3512	13586	CM11_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3513	13587	CM11_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3514	13588	CM11_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3515	13589	CM11_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3516	13590	CM11_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
3517	13591	CM11_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
3518	13592	CM11_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3519	13593	CM11_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
351A	13594	CM11_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
351B	13595	CM11_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
351C	13596	CM11_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
351D	13597	CM11_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
351E	13598	CM11_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
351F	13599	CM11_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3520	13600	CM11_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3521	13601	CM11_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM12 Registers												
3600	13824	CM12_MODEL_NUMBER	R	19	STRING	NA						
3613	13843	CM12_SERIAL_NUMBER	R	19	STRING	NA						
3626	13862	CM12_FIRMWARE_REVISION	R	7	STRING	NA						
362D	13869	CM12_HARDWARE_REVISION	R	7	STRING	NA						
3634	13876	CM12_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
3635	13877	CM12_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
3636	13878	CM12_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
3637	13879	CM12_UNIT_ID	R/W	4	STRING	NA						
363B	13883	CM12_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
363C	13884	CM12_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
363D	13885	CM12_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY		
363E	13886	CM12_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
363F	13887	CM12_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
3640	13888	CM12_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response					
3641	13889	CM12_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES				
3642	13890	CM12_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES				
3643	13891	CM12_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT					
3644	13892	CM12_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT					
3645	13893	CM12_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH	
3646	13894	CM12_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL				
3647	13895	CM12_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS					
3648	13896	CM12_COOL_GAIN	R/W	1	INTEGER	NO UNITS					
3649	13897	CM12_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS					
364A	13898	CM12_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS					
364B	13899	CM12_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
364C	13900	CM12_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
364D	13901	CM12_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI					
364E	13902	CM12_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI					
364F	13903	CM12_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
3650	13904	CM12_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
3651	13905	CM12_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT					
3652	13906	CM12_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT					
3653	13907	CM12_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
3654	13908	CM12_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
3655	13909	CM12_COOL_DEMAND	R	1	INTEGER	KILOWATTS					
3656	13910	CM12_AIR_FLOW	R	1	INTEGER	CFM					
3657	13911	CM12_COOL_OUTPUT	R	1	INTEGER	KILOWATTS					
3658	13912	CM12_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT					
3659	13913	CM12_RUNHOURS_FAN_1	R	2	LONG	HOURS					
365B	13915	CM12_RUNHOURS_FAN_2	R	2	LONG	HOURS					
365D	13917	CM12_RUNHOURS_FAN_3	R	2	LONG	HOURS					
365F	13919	CM12_RUNHOURS_FAN_4	R	2	LONG	HOURS					
3661	13921	CM12_RUNHOURS_FAN_5	R	2	LONG	HOURS					
3663	13923	CM12_RUNHOURS_FAN_6	R	2	LONG	HOURS					
3665	13925	CM12_RUNHOURS_FAN_7	R	2	LONG	HOURS					
3667	13927	CM12_RUNHOURS_FAN_8	R	2	LONG	HOURS					
3669	13929	CM12_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS					
366B	13931	CM12_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
366C	13932	CM12_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
366D	13933	CM12_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
366E	13934	CM12_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS					
366F	13935	CM12_RESERVED_REGISTERS	R	144	NA	Reserved					
// CM12 Faults											
3700	14080	CM12_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3701	14081	CM12_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3702	14082	CM12_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3703	14083	CM12_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3704	14084	CM12_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3705	14085	CM12_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3706	14086	CM12_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3707	14087	CM12_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3708	14088	CM12_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3709	14089	CM12_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
370A	14090	CM12_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
370B	14091	CM12_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
370C	14092	CM12_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
370D	14093	CM12_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM				
370E	14094	CM12_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM				
370F	14095	CM12_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM				
3710	14096	CM12_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM				
3711	14097	CM12_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3712	14098	CM12_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3713	14099	CM12_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3714	14100	CM12_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3715	14101	CM12_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3716	14102	CM12_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM				
3717	14103	CM12_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM				
3718	14104	CM12_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM				
3719	14105	CM12_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM				
371A	14106	CM12_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM				
371B	14107	CM12_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM				
371C	14108	CM12_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM				
371D	14109	CM12_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM				
371E	14110	CM12_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM				
371F	14111	CM12_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3720	14112	CM12_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3721	14113	CM12_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved					
// CM13 Registers											
3800	14336	CM13_MODEL_NUMBER	R	19	STRING	NA					
3813	14355	CM13_SERIAL_NUMBER	R	19	STRING	NA					
3826	14374	CM13_FIRMWARE_REVISION	R	7	STRING	NA					

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response					
382D	14381	CM13_HARDWARE_REVISION	R	7	STRING	NA					
3834	14388	CM13_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON				
3835	14389	CM13_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON				
3836	14390	CM13_STARTUP_DELAY	R/W	1	INTEGER	SECONDS					
3837	14391	CM13_UNIT_ID	R/W	4	STRING	NA					
383B	14395	CM13_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS			
383C	14396	CM13_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES					
383D	14397	CM13_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY	
383E	14398	CM13_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES				
383F	14399	CM13_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA			
3840	14400	CM13_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED				
3841	14401	CM13_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES				
3842	14402	CM13_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES				
3843	14403	CM13_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT					
3844	14404	CM13_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT					
3845	14405	CM13_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH	
3846	14406	CM13_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL				
3847	14407	CM13_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS					
3848	14408	CM13_COOL_GAIN	R/W	1	INTEGER	NO UNITS					
3849	14409	CM13_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS					
384A	14410	CM13_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS					
384B	14411	CM13_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
384C	14412	CM13_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
384D	14413	CM13_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI					
384E	14414	CM13_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI					
384F	14415	CM13_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
3850	14416	CM13_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
3851	14417	CM13_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT					
3852	14418	CM13_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT					
3853	14419	CM13_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
3854	14420	CM13_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT					
3855	14421	CM13_COOL_DEMAND	R	1	INTEGER	KILOWATTS					
3856	14422	CM13_AIR_FLOW	R	1	INTEGER	CFM					
3857	14423	CM13_COOL_OUTPUT	R	1	INTEGER	KILOWATTS					
3858	14424	CM13_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT					
3859	14425	CM13_RUNHOURS_FAN_1	R	2	LONG	HOURS					
385B	14427	CM13_RUNHOURS_FAN_2	R	2	LONG	HOURS					
385D	14429	CM13_RUNHOURS_FAN_3	R	2	LONG	HOURS					
385F	14431	CM13_RUNHOURS_FAN_4	R	2	LONG	HOURS					
3861	14433	CM13_RUNHOURS_FAN_5	R	2	LONG	HOURS					
3863	14435	CM13_RUNHOURS_FAN_6	R	2	LONG	HOURS					
3865	14437	CM13_RUNHOURS_FAN_7	R	2	LONG	HOURS					
3867	14439	CM13_RUNHOURS_FAN_8	R	2	LONG	HOURS					
3869	14441	CM13_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS					
386B	14443	CM13_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
386C	14444	CM13_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
386D	14445	CM13_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT					
386E	14446	CM13_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS					
386F	14447	CM13_RESERVED_REGISTERS	R	144	NA	Reserved					
// CM13 Faults											
3900	14592	CM13_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3901	14593	CM13_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3902	14594	CM13_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3903	14595	CM13_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3904	14596	CM13_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3905	14597	CM13_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3906	14598	CM13_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3907	14599	CM13_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3908	14600	CM13_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3909	14601	CM13_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
390A	14602	CM13_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
390B	14603	CM13_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
390C	14604	CM13_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM				
390D	14605	CM13_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM				
390E	14606	CM13_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM				
390F	14607	CM13_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM				
3910	14608	CM13_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM				
3911	14609	CM13_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3912	14610	CM13_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3913	14611	CM13_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3914	14612	CM13_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3915	14613	CM13_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM				
3916	14614	CM13_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM				
3917	14615	CM13_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM				
3918	14616	CM13_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM				
3919	14617	CM13_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM				
391A	14618	CM13_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM				

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response							
391B	14619	CM13_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM						
391C	14620	CM13_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM						
391D	14621	CM13_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM						
391E	14622	CM13_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM						
391F	14623	CM13_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3920	14624	CM13_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3921	14625	CM13_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved							
// CM14 Registers													
3A00	14848	CM14_MODEL_NUMBER	R	19	STRING	NA							
3A13	14867	CM14_SERIAL_NUMBER	R	19	STRING	NA							
3A26	14886	CM14_FIRMWARE_REVISION	R	7	STRING	NA							
3A2D	14893	CM14_HARDWARE_REVISION	R	7	STRING	NA							
3A34	14900	CM14_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON						
3A35	14901	CM14_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON						
3A36	14902	CM14_STARTUP_DELAY	R/W	1	INTEGER	SECONDS							
3A37	14903	CM14_UNIT_ID	R/W	4	STRING	NA							
3A3B	14907	CM14_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS					
3A3C	14908	CM14_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES							
3A3D	14909	CM14_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY			
3A3E	14910	CM14_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES						
3A3F	14911	CM14_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA					
3A40	14912	CM14_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED						
3A41	14913	CM14_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES						
3A42	14914	CM14_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES						
3A43	14915	CM14_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT							
3A44	14916	CM14_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT							
3A45	14917	CM14_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH			
3A46	14918	CM14_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL						
3A47	14919	CM14_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS							
3A48	14920	CM14_COOL_GAIN	R/W	1	INTEGER	NO UNITS							
3A49	14921	CM14_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS							
3A4A	14922	CM14_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS							
3A4B	14923	CM14_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
3A4C	14924	CM14_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
3A4D	14925	CM14_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI							
3A4E	14926	CM14_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI							
3A4F	14927	CM14_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
3A50	14928	CM14_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
3A51	14929	CM14_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT							
3A52	14930	CM14_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT							
3A53	14931	CM14_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
3A54	14932	CM14_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT							
3A55	14933	CM14_COOL_DEMAND	R	1	INTEGER	KILOWATTS							
3A56	14934	CM14_AIR_FLOW	R	1	INTEGER	CFM							
3A57	14935	CM14_COOL_OUTPUT	R	1	INTEGER	KILOWATTS							
3A58	14936	CM14_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT							
3A59	14937	CM14_RUNHOURS_FAN_1	R	2	LONG	HOURS							
3A5B	14939	CM14_RUNHOURS_FAN_2	R	2	LONG	HOURS							
3A5D	14941	CM14_RUNHOURS_FAN_3	R	2	LONG	HOURS							
3A5F	14943	CM14_RUNHOURS_FAN_4	R	2	LONG	HOURS							
3A61	14945	CM14_RUNHOURS_FAN_5	R	2	LONG	HOURS							
3A63	14947	CM14_RUNHOURS_FAN_6	R	2	LONG	HOURS							
3A65	14949	CM14_RUNHOURS_FAN_7	R	2	LONG	HOURS							
3A67	14951	CM14_RUNHOURS_FAN_8	R	2	LONG	HOURS							
3A69	14953	CM14_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS							
3A6B	14955	CM14_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT							
3A6C	14956	CM14_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT							
3A6D	14957	CM14_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT							
3A6E	14958	CM14_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS							
3A6F	14959	CM14_RESERVED_REGISTERS	R	144	NA	Reserved							
// CM14 Faults													
3B00	15104	CM14_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B01	15105	CM14_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B02	15106	CM14_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B03	15107	CM14_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B04	15108	CM14_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B05	15109	CM14_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B06	15110	CM14_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B07	15111	CM14_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B08	15112	CM14_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B09	15113	CM14_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B0A	15114	CM14_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B0B	15115	CM14_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B0C	15116	CM14_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B0D	15117	CM14_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B0E	15118	CM14_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM						
3B0F	15119	CM14_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM						

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response						
3B10	15120	CM14_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B11	15121	CM14_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B12	15122	CM14_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B13	15123	CM14_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B14	15124	CM14_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B15	15125	CM14_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B16	15126	CM14_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B17	15127	CM14_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B18	15128	CM14_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B19	15129	CM14_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B1A	15130	CM14_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B1B	15131	CM14_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B1C	15132	CM14_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B1D	15133	CM14_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B1E	15134	CM14_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B1F	15135	CM14_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B20	15136	CM14_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3B21	15137	CM14_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved						
// CM15 Registers												
3C00	15360	CM15_MODEL_NUMBER	R	19	STRING	NA						
3C13	15379	CM15_SERIAL_NUMBER	R	19	STRING	NA						
3C26	15398	CM15_FIRMWARE_REVISION	R	7	STRING	NA						
3C2D	15405	CM15_HARDWARE_REVISION	R	7	STRING	NA						
3C34	15412	CM15_REMOTE_ON_STANDBY	R/W	1	ENUM	0 = STANDBY	1 = ON					
3C35	15413	CM15_LOCAL_ON_STANDBY	R	1	ENUM	0 = STANDBY	1 = ON					
3C36	15414	CM15_STARTUP_DELAY	R/W	1	INTEGER	SECONDS						
3C37	15415	CM15_UNIT_ID	R/W	4	STRING	NA						
3C3B	15419	CM15_CONFIGURATION_TYPE	R/W	1	ENUM	0 = HACS	1 = INROW	2 = RACS				
3C3C	15420	CM15_LIGHTING_ON_TIME	R/W	1	INTEGER	MINUTES						
3C3D	15421	CM15_OPERATING_MODE	R	1	ENUM	0 = STANDBY	1 = ON	2 = STOP	3 = MAINTENA	4 = READY		
3C3E	15422	CM15_IDLE_ON_COOL_FAIL	R/W	1	ENUM	0 = NO	1 = YES					
3C3F	15423	CM15_UNIT_TYPE	R	1	ENUM	0 = UNCONFIGURED	1 = OA	2 = RA				
3C40	15424	CM15_POWER_SOURCE	R/W	1	ENUM	0 = SINGLE FEED	1 = DUAL FEED					
3C41	15425	CM15_AIR_FILTER_MAINTENANCE_ALARM_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
3C42	15426	CM15_LOCAL_DISPLAY_ON_OFF_ENABLED	R/W	1	ENUM	0 = NO	1 = YES					
3C43	15427	CM15_COOL_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
3C44	15428	CM15_SUPPLY_AIR_SETPOINT	R/W	1	INTEGER	FAHRENHEIT						
3C45	15429	CM15_FAN_SPEED_PREFERENCE	R/W	1	ENUM	0 = LOW	1 = MEDLOW	2 = MED	3 = MEDHIGH	4 = HIGH		
3C46	15430	CM15_AIR_FLOW_CONTROL	R/W	1	ENUM	0 = AUTOMATIC	1 = MANUAL					
3C47	15431	CM15_NUMBER_OF_UNITS_IN_GROUP	R/W	1	INTEGER	NO UNITS						
3C48	15432	CM15_COOL_GAIN	R/W	1	INTEGER	NO UNITS						
3C49	15433	CM15_COOL_DERIVATIVE	R/W	1	INTEGER	NO UNITS						
3C4A	15434	CM15_COOL_RESET_RATE	R/W	1	INTEGER	NO UNITS						
3C4B	15435	CM15_SUPPLY_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3C4C	15436	CM15_RETURN_AIR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3C4D	15437	CM15_HEAT_EXCHANGER_INLET_PRESSURE	R	1	INTEGER	PSI						
3C4E	15438	CM15_HEAT_EXCHANGER_OUTLET_PRESSURE	R	1	INTEGER	PSI						
3C4F	15439	CM15_LIQUID_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3C50	15440	CM15_VAPOR_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3C51	15441	CM15_ELECTRONIC_THERMAL_EXPANSION_VALVE_POSITION	R	1	INTEGER	PERCENT						
3C52	15442	CM15_EVAPORATOR_PRESSURE_REGULATOR_VALVE_POSITION	R	1	INTEGER	PERCENT						
3C53	15443	CM15_RACK_INLET_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3C54	15444	CM15_SATURATION_TEMPERATURE	R	1	INTEGER	FAHRENHEIT						
3C55	15445	CM15_COOL_DEMAND	R	1	INTEGER	KILOWATTS						
3C56	15446	CM15_AIR_FLOW	R	1	INTEGER	CFM						
3C57	15447	CM15_COOL_OUTPUT	R	1	INTEGER	KILOWATTS						
3C58	15448	CM15_AVERAGE_FAN_SPEED	R	1	INTEGER	PERCENT						
3C59	15449	CM15_RUNHOURS_FAN_1	R	2	LONG	HOURS						
3C5B	15451	CM15_RUNHOURS_FAN_2	R	2	LONG	HOURS						
3C5D	15453	CM15_RUNHOURS_FAN_3	R	2	LONG	HOURS						
3C5F	15455	CM15_RUNHOURS_FAN_4	R	2	LONG	HOURS						
3C61	15457	CM15_RUNHOURS_FAN_5	R	2	LONG	HOURS						
3C63	15459	CM15_RUNHOURS_FAN_6	R	2	LONG	HOURS						
3C65	15461	CM15_RUNHOURS_FAN_7	R	2	LONG	HOURS						
3C67	15463	CM15_RUNHOURS_FAN_8	R	2	LONG	HOURS						
3C69	15465	CM15_RUNHOURS_AIR_FILTER	R	2	LONG	HOURS						
3C6B	15467	CM15_RACK_INLET_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
3C6C	15468	CM15_SUPPLY_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
3C6D	15469	CM15_RETURN_AIR_TEMPERATURE_HIGH_THRESHOLD	R/W	1	INTEGER	FAHRENHEIT						
3C6E	15470	CM15_AIR_FILTER_MAINTENANCE_INTERVAL	R/W	1	INTEGER	WEEKS						
3C6F	15471	CM15_RESERVED_REGISTERS	R	144	NA	Reserved						
// CM15 Faults												
3D00	15616	CM15_FRONT_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3D01	15617	CM15_CENTER_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3D02	15618	CM15_REAR_RETURN_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3D03	15619	CM15_FRONT_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					
3D04	15620	CM15_REAR_SUPPLY_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM					

//Absolute Starting Register Number, (Hexadecimal)	Absolute Starting Register Number, (Decimal)	Data Point	R/W	Length	Units	Valid Response														
3D05	15621	CM15_LIQUID_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D06	15622	CM15_VAPOR_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D07	15623	CM15_REMOTE_TEMP_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D08	15624	CM15_INLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D09	15625	CM15_OUTLET_PRESSURE_SENSOR_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D0A	15626	CM15_REMOTE_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D0B	15627	CM15_RETURN_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D0C	15628	CM15_SUPPLY_AIR_TEMPERATURE_HIGH	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D0D	15629	CM15_GROUP_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D0E	15630	CM15_UNIT_ID_NEEDS_CONFIG	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D0F	15631	CM15_POWER_FEED_A_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D10	15632	CM15_POWER_FEED_B_FAILURE	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D11	15633	CM15_FAN_1_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D12	15634	CM15_FAN_2_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D13	15635	CM15_FAN_3_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D14	15636	CM15_FAN_4_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D15	15637	CM15_FAN_5_FAULT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D16	15638	CM15_FAN_A_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D17	15639	CM15_FAN_B_DOOR_OPEN	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D18	15640	CM15_FAN_A_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D19	15641	CM15_FAN_B_WRONG_TYPE	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D1A	15642	CM15_UNIT_PERSONALITY_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D1B	15643	CM15_OA_FAN_VOLTAGE_NOT_CONFIGURED	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D1C	15644	CM15_AIR_FILTER_MAINTENANCE_REQUIRED	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D1D	15645	CM15_EVAP_TEMPERATURE_BELOW_DEWPOINT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D1E	15646	CM15_RDU_COMM_LOSS	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D1F	15647	CM15_POWER_FEED_A_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D20	15648	CM15_POWER_FEED_B_OVERVOLT	R	1	ENUM	0 = CLEAR	1 = ALARM													
3D21	15649	CM15_FAULTS_RESERVED_REGISTERS	R	222	NA	Reserved														
// Unused Space																				
3E00	15872	UNUSED_RESERVED_SPACE	R	49645	NA	Reserved														
// Logging Registers																				
FFF0	65518	APC_RX_CRC_ERRORS	R	2	LONG	RX_CRC_ERRORS														
FFF1	65520	APC_RX_PACKET_COUNTER	R	2	LONG	RX_PACKET_COUNTER														
FFF2	65522	APC_TX_PACKET_COUNTER	R	2	LONG	TX_PACKET_COUNTER														
FFF3	65524	APC_SER_FRAME_ERRORS	R	2	LONG	SER_FRAME_ERRORS														
FFF4	65526	APC_SER_OVERRUN_ERRORS	R	2	LONG	SER_OVERRUN_ERRORS														
FFF5	65528	APC_SER_PARITY_ERRORS	R	2	LONG	SER_PARITY_ERRORS														
FFF6	65530	APC_SER_RX15_ERRORS	R	2	LONG	SER_RX15_ERRORS														
FFF7	65532	APC_SER_RX35_ERRORS	R	2	LONG	SER_RX35_ERRORS														
FFF8	65534	APC_SER_BAUD_RATE	R	1	INTEGER	SER_BAUD_RATE														
// END OF DATA																				
Note 1: ASCII strings include Null terminator.																				
Note 2: To prevent Building Management Service and automated script difficulties, accesses to data points on unsupported units will return a value of 0 instead of an error.																				
Note 3: Accesses to items before data is available will result in an invalid address error.																				
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 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/support/ - Global support searching Knowledge Base and using e-support.																				
* Contact the Schneider Electric Customer Support Center by telephone or e-mail.																				
- Local, country-specific centers: go to www.schneider-electric.com > Support > Operations around the world 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.																				