

#	Description	R/W Status	Comments	
		Read		
Analog Input 1	Suction Pressure A	Only	Linear from 0.0 to 250.0 psig / 0.0 to 17.3 bar.	
Amalan lanut O	Disabana Bassana A	Read	Linear from 0.0 to 650.0 paig / 0.0 to 45.0 has	
Analog Input 2	Discharge Pressure A	Only Read	Linear from 0.0 to 650.0 psig / 0.0 to 45.0 bar.	
Analog Input 3	Zone Air Relative Humidity	Only	Linear from 0.0 to 100.0 %.	
Analog Input 5	Zone All Relative Humany	Read	Efficial from 6.0 to 100.0 %.	
Analog Input 4	Zone Air Temperature	Only	Linear from -40.0°F to 140.0°F / -40.0°C to 60.0°C.	
<u> </u>	•	Read		
Analog Input 5	Supply Air Temperature	Only	Linear from -40.0°F to 140.0°F / -40.0°C to 60.0°C.	
		Read		
Analog Input 6	Suction Pressure B	Only	Linear from 0.0 to 250.0 psig / 0.0 to 17.3 bar.	
Analan lanut 7	Disabana Bassana B	Read	Linear from 0.0 to 050.0 main / 0.0 to 45.0 hor	
Analog Input 7	Discharge Pressure B	Only Read	Linear from 0.0 to 650.0 psig / 0.0 to 45.0 bar.	
Analog Input 8	Pool 1 Inlet Temperature	Only	Linear from -40.0°F to 140.0°F / -40.0°C to 60.0°C.	
7 thatog input o	1 cor i miet remperature	Read	Emodi 110111 40.0 1 to 140.0 1 7 40.0 0 to 00.0 0.	
Analog Input 9	Pool 2 Inlet Temperature	Only	Linear from -40.0°F to 140.0°F / -40.0°C to 60.0°C.	
·	·	Read		
Analog Input 10	Pool 1 Outlet Temperature	Only	Linear from -40.0°F to 140.0°F / -40.0°C to 60.0°C.	
		Read		
Analog Input 11	Pool 2 Outlet Temperature	Only	Linear from -40.0°F to 140.0°F / -40.0°C to 60.0°C.	
Analog Input 10	Cumply Blower DD	Read	Linear from 0.0 to 25.0 "wo	
Analog Input 12	Supply Blower DP	Only	Linear from 0.0 to 25.0 "wc.	
Analog Input 13	Exhaust Blower DP	Read Only	Linear from 0.0 to 25.0 "wc.	
7 trialog impat 10	Extrador Biower Bi	Read	Ented from 0.0 to 20.0 Wo.	
Analog Input 14	Evaporator DP	Only	Linear from 0.0 to 2.0 "wc.	
·	·	Read		
Analog Input 15	Evaporator A DP	Only	Linear from 0.0 to 2.0 "wc.	
		Read	Linear from 0.0 to 0.0 ftur	
Analog Input 16	Outdoor Air DP	Only	Linear from 0.0 to 2.0 "wc.	
Analog Input 17	Zone Pressure DP	Read Only	Linear from -1.0 to 1.0 "wc.	
Analog Input 17	Zone Flessule DF	Read	Linear nonrest to 1.0 wc.	
Analog Input 18	VOC Sensor	Only	Linear from 0 to 2000 ppm.	
		Read		
Analog Input 19	Outdoor Air Relative Humidity	Only	Linear from 0.0 to 100.0 %.	
		Read		
Analog Input 20	Outdoor Air Temperature	Only	Linear from -40.0°F to 140.0°F / -40.0°C to 60.0°C.	
Analog Innut 24	Evan Bynasa Damas Outset	Read	Linear from 0.0 to 100.0 %	
Analog Input 21	Evap Bypass Damper Output	Only Read	Linear from 0.0 to 100.0 %.	
Analog Input 22	Outdoor Air Damper Output	Only	Linear from 0.0 to 100.0 %.	
7 maiog mpat 22	Cataco. 7th Damper Catput	Read		
Analog Input 23	Air Heat Command	Only	Linear from 0.0 to 100.0 %.	
		Read		
Analog Input 24	Supply Blower CFM	Only	Linear from 0.0 to 100.0 %.	
A 1 1	Full served Plants OFM	Read	1.1	
Analog Input 25	Exhaust Blower CFM	Only	Linear from 0.0 to 100.0 %.	
Analog Input 26	Low Exhaust Speed	Read Only	Linear from 0.0 to 100.0 %.	
Analog Input 20	LOW Extraust Speed	Office	LINGAL HOLLI 0.0 to 100.0 /0.	

#	Description	R/W Status	Comments
Analog Value 27	Zone Relative Humidity Setpoint	Read/ Write	Settable from 0.0 to 99.0 %.
Analog Value 28	Zone Air Temperature Setpoint	Read/ Write	Settable from 65.0°F to 99.0°F / 18.3°C to 37.2°C.



	#	Description	R/W	Comments
		Description	Status	Comments
I		Pool 1 Water Temperature	Read/	
	Analog Value 29	Setpoint	Write	Settable from 70.0°F to 104.0°F / 21.1°C to 40.0°C.
ſ		Pool 2 Water Temperature	Read/	
	Analog Value 30	Setpoint	Write	Settable from 70.0°F to 104.0°F / 21.1°C to 40.0°C.

#	Description	R/W Status	Comments
		Read	
Binary Input 31	Supply Blower On	Only	State of Supply Blower, 0 = Off, 1 = On.
		Read	
Binary Input 32	Exhaust Blower On	Only	State of Exhaust Blower, 0 = Off, 1 = On.
D: 1 .00		Read	
Binary Input 33	Compressor A	Only	State of Compressor A, 0 = Off, 1 = On.
Binary Input 34	Compressor B	Read Only	State of Compressor B, 0 = Off, 1 = On.
Dinary Input 34	Compressor B	Read	State of Compressor B, 0 = On, 1 = On.
Binary Input 35	Airflow	Only	State of Airflow. 0 = Off, 1 = On.
Zinai y inpat oo	7	Read	
Binary Input 36	Air Heating Required	Only	State of Air Heat Requirement. 0 = Off, 1 = On.
, ,	Auxiliary Heat Required	Read	•
Binary Input 37	Pool 1	Only	State of Auxiliary Pool 1 Heat Requirement. 0 = Off, 1 = On.
	Auxiliary Heat Required	Read	
Binary Input 38	Pool 2	Only	State of Auxiliary Pool 2 Heat Requirement. 0 = Off, 1 = On.
		Read	
Binary Input 39	Pool 1 Flow Switch	Only	State of Flow Switch. 0 = Off, 1 = On.
D' 1 1 40	De al O Flano Oudtak	Read	Otata of Flow Onitety On Off A. O.
Binary Input 40	Pool 2 Flow Switch	Only	State of Flow Switch. 0 = Off, 1 = On.
Binary Input 41	Tower 1 Flow Switch	Read Only	State of Flow Switch. 0 = Off, 1 = On.
Billary Iliput 41	Tower 1 Flow Switch	Read	State of Flow Switch. 0 = On, 1 = On.
Binary Input 42	Tower 2 Flow Switch	Only	State of Flow Switch. 0 = Off, 1 = On.
Billary Ilipat 12	Tower 2 Flow Guiteri	Read	Clade of Flow Switch: 0 = On, F = On.
Binary Input 43	Occupied	Only	Occupied Status, 0 = Un-occupied, 1 = Occupied.
, ,	'	Read	
Binary Input 44	Event Mode	Only	Event Mode, 0 = Normal, 1 = Event On.
		Read	
Binary Input 45	Maximum Outdoor Air Mode	Only	Max OA Mode, 0 = Normal, 1 = Max OA On.
		Read	
Binary Input 46	Economizer On	Only	Economizer Status, 0 = Normal, 1 = Economizer Running.
D's and 1 and 47	Domes Made	Read	Book Made A. Named A. Book O.
Binary Input 47	Purge Mode	Only	Purge Mode, 0 = Normal, 1 = Purge On.
Binary Input 48	Remote Off	Read Only	Remote Off Status, 0 = Unit Off, 1 = Normal.
Dinary Input 40	Koniole On	Read	Nomble Officialis, 0 – Offic Off, 1 – Normal.
Binary Input 49	Suction Pressure A Alarm	Only	Very Low Suction Pressure A, 0 = Normal, 1 = Alarm.
2a., inpat 10		Read	,
Binary Input 50	Suction Pressure B Alarm	Only	Very Low Suction Pressure B, 0 = Normal, 1 = Alarm.
, ,	Multiple Suction Pressure A	Read	
Binary Input 51	Alarms	Only	Multiple Low Suction Pressure A, 0 = Normal, 1 = Alarm.
	Multiple Suction Pressure B	Read	
Binary Input 52	Alarms	Only	Multiple Low Suction Pressure B, 0 = Normal, 1 = Alarm.
		Read	L.,,
Binary Input 53	Discharge Pressure A Alarm	Only	High Discharge Pressure A, 0 = Normal, 1 = Alarm.
Diname beaut 51	Diaghanna Duagasana D Ala	Read	High Disahanga Dasasura D. O. Magazal 4. Alagas
Binary Input 54	Discharge Pressure B Alarm	Only	High Discharge Pressure B, 0 = Normal, 1 = Alarm.
Rinary Innut EF	Zone Sensor Alarm	Read	Communication Fault, 0 = Normal, 1 = Alarm.
Binary Input 55	Zone Sensor Alaim	Only Read	Communication Fault, 0 = Normal, 1 = Alaim.
Binary Input 56	Outdoor Air Sensor Alarm	Only	Communication Fault, 0 = Normal, 1 = Alarm.
Dinary input 00	Jakassi / III Johloof / Ilahili	○ y	Communication radit, C = Normal, T = Nation.



#	Description	R/W Status	Comments	
Binary Input 57	Supply Blower Overload	Read Only	Supply Blower Overload, 0 = Normal, 1 = Alarm.	
Binary Input 58	Exhaust Blower Overload	Read Only	Exhaust Blower Overload, 0 = Normal, 1 = Alarm.	
Binary Input 59	Condenser Fan Overload	Read Only	Condenser Fan Overload, 0 = Normal, 1 = Alarm.	
Binary Input 60	Compressor A Overload	Read Only	Compressor A Overload, 0 = Normal, 1 = Alarm.	
Binary Input 61	Compressor B Overload	Read Only	Compressor B Overload, 0 = Normal, 1 = Alarm.	
Binary Input 62	Smoke / General Alarm	Read Only	Smoke Alarm, 0 = Normal, 1 = Alarm.	
Binary Input 63	Low Voltage Alarm	Read Only	Voltage Monitor Alarm, 0 = Normal, 1 = Alarm.	
Binary Input 64	Freeze Protection Alarm	Read Only	Freeze Protection Alarm, 0 = Normal, 1 = Alarm.	
Binary Input 65	Low Exhaust Blower Overload	Read Only	Low Exhaust Blower Overload, 0 = Normal, 1 = Alarm.	
Binary Input 66	Filter Alarm	Read Only	Filter Alarm, 0 = Normal, 1 = Alarm.	
Binary Input 67	Motor 2 Overload	Read Only	Motor 2 Overload, 0 = Normal, 1 = Alarm.	
Binary Input 68	Motor 3 Overload	Read Only	Motor 3 Overload, 0 = Normal, 1 = Alarm.	
Binary Input 69	Motor 4 Overload	Read Only	Motor 4 Overload, 0 = Normal, 1 = Alarm.	
Binary Input 70	Motor 8 Overload	Read Only	Motor 8 Overload, 0 = Normal, 1 = Alarm.	
Binary Input 71	VFD 106 Overload	Read Only	VFD 106 Overload, 0 = Normal, 1 = Alarm.	
Binary Input 72	VFD 142 Overload	Read Only	VFD 142 Overload, 0 = Normal, 1 = Alarm.	
Binary Input 73	EVD Offline Alarm	Read Only	EVD Driver Offline, 0 = Normal, 1 = Alarm.	
Binary Input 74	EVD Low Superheat A Alarm	Read Only	EVD Low Superheat A, 0 = Normal, 1 = Alarm.	
Binary Input 75	EVD Low Superheat B Alarm	Read Only	EVD Low Superheat B, 0 = Normal, 1 = Alarm.	
Binary Input 76	EVD LOP A Alarm	Read Only	EVD LOP A, 0 = Normal, 1 = Alarm.	
Binary Input 77	EVD LOP B Alarm	Read Only	EVD LOP B, 0 = Normal, 1 = Alarm.	
Binary Input 78	EVD MOP A Alarm	Read Only	EVD MOP A, 0 = Normal, 1 = Alarm.	
Binary Input 79	EVD MOP B Alarm	Read Only	EVD MLOP B, 0 = Normal, 1 = Alarm.	
Binary Input 80	EVD Valve A Alarm	Read Only	EVD Valve A, 0 = Normal, 1 = Alarm.	
Binary Input 81	EVD Valve B Alarm	Read Only	EVD Valve B, 0 = Normal, 1 = Alarm.	
Binary Input 82	EVD Low Suct A Alarm	Read Only	EVD Low Suct A, 0 = Normal, 1 = Alarm.	
Binary Input 83	EVD Low Suct B Alarm	Read Only	EVD Low Suct B, 0 = Normal, 1 = Alarm.	
Binary Input 84	EVD High T Cond Alarm	Read Only	EVD High T Cond, 0 = Normal, 1 = Alarm.	
Binary Input 85	EVD S1 Alarm	Read Only	EVD S1, 0 = Normal, 1 = Alarm.	
Binary Input 86	EVD S2 Alarm	Read Only	EVD S2, 0 = Normal, 1 = Alarm.	



#	Description	R/W Status	Comments	
		Read		
Binary Input 87	EVD S3 Alarm	Only	EVD S3, 0 = Normal, 1 = Alarm.	
		Read		
Binary Input 88	EVD S4 Alarm	Only	EVD S4, 0 = Normal, 1 = Alarm.	
		Read		
Binary Input 89	EVD Battery Alarm	Only	EVD Battery, 0 = Normal, 1 = Alarm.	
	= 1/2 ==================================	Read		
Binary Input 90	EVD EEPROM Alarm	Only	EVD EEPROM, 0 = Normal, 1 = Alarm.	
D'a amalamat 04	EVD Incomplete Closing	Read	EVD because lete Oberien O. Nemark A. Alema	
Binary Input 91	Alarm	Only	EVD Incomplete Closing, 0 = Normal, 1 = Alarm.	
Binary Input 92	EVD Emergency Closing Alarm	Read Only	EVD Emergency Closing, 0 = Normal, 1 = Alarm.	
Billary Iliput 92	Alaiiii	Read	EVD Emergency Closing, 0 = Normal, 1 = Alami.	
Binary Input 93	EVD Firmware Alarm	Only	EVD Firmware, 0 = Normal, 1 = Alarm.	
Billary Iliput 33	EVB I IIII Wale Alaiii	Read	EVD I IIIIwalo, 0 – Nolliai, 1 – Alailli.	
Binary Input 94	EVD Config Error	Only	EVD Config Error, 0 = Normal, 1 = Alarm.	
		Read	,,,	
Binary Input 95	EVD Retain Alarm	Only	EVD Retain, 0 = Normal, 1 = Alarm.	
		Read		
Binary Input 96	EVD Retain Error	Only	EVD Retain Error, 0 = Normal, 1 = Alarm.	
		Read		
Binary Input 97	Offline c.PCOe 2	Only	Expansion Module Communication Fault, 0 = Normal, 1 = Alarm.	
		Read		
Binary Input 98	Offline c.PCOe 3	Only	Expansion Module Communication Fault, 0 = Normal, 1 = Alarm.	
	000	Read		
Binary Input 99	Offline c.PCOe 4	Only	Expansion Module Communication Fault, 0 = Normal, 1 = Alarm.	
Dinon, Innut 400	Offling a DCOo F	Read	Eventual Madula Communication Fault O. Normal 4. Alarra	
Binary Input 100	Offline c.PCOe 5	Only	Expansion Module Communication Fault, 0 = Normal, 1 = Alarm.	
Pinony Input 101	High Condensate Level	Read	Drain non lovel high 0 - Normal 1 - Alarm	
Binary Input 101	Alarm	Only Read	Drain pan level high, 0 = Normal, 1 = Alarm.	
Binary Input 110	Active Alarm	Only	Any Alarm is Active, 0 = Normal, 1 = Alarm.	
Billary Input 110	Active Alailii	Only	Ally Alaini is Active, U = Normal, T = Alaini.	

#	Description	R/W Status	Comments
		Read/	
Binary Value 102	Network Occupied	Write	Write 1 to Occupy, 0 to Un-occupy.
		Read/	
Binary Value 103	Network Event	Write	Write 1 to Event Mode, 0 to Normal Mode.
		Read/	
Binary Value 104	Network Max OA	Write	Write 1 to Max OA Mode, 0 to Normal Mode.
		Read/	
Binary Value 105	Network Purge	Write	Write 1 to Purge Mode, 0 to Normal Mode.
		Read/	
Binary Value 106	Network Off	Write	Write 1 to set Unit to Off, 0 to set Unit to On.
		Read/	
Binary Value 107	Network Roof Lockout	Write	Write 1 to when Roof or wall is open, 0 when closed.
		Read/	
Binary Value 108	Remote Reset	Write	Write 1 to Remotely Reset Unit.

#	Description	R/W Status	Comments
Multistate Input		Read	
109	Unit Status	Only	For status definitions, see the table below.

CODE	UNIT STATUS
0	Unit Off /Zone Satisfied
1	Heating Required
2	Cooling Required
3	Dehumidification Required
4	Dehum and Heating Required
5	Dehum and Cooling Required
6	Energy Recovery
7	Low Air Flow Condition
8	Low Suction Pressure Condition
9	EEV Initialization

	Revision (Rev.) History			
Rev.	Description	Date	Initials	ECN#
00	Initial Release	6/16/2020	MTW	EC-10586