

TABLE F-1 Modbus Register Map

① Modbus RTU, TCP specific network register map. All registers are always readable; values are based on the connected sensors and transmitter type. A value of -9999 is returned for registers not applicable to a transmitter or sensor type.

Address	Function	Type	Name	Product Line	Probe Type	Special Criteria	Units	Ranges
10001	2	boolean	Trouble Status	All	All			0:OK, 1:Trbl
30001-30002	4	float	AMD[-1] Airflow	All	All		FPM	0 to 15,000
30003-30004	4	float	AMD[-1] Temperature	All	All		°F	-50 to 160
30005-30006	4	float	RH	Advantage IV	-P w /H option		% RH	0 - 100
30007-30008	4	float	Dewpoint	Advantage IV	-P w /H option		°F	-50 to 160
30009-30010	4	float	Enthalpy	Advantage IV	-P w /H option		Btu/lb	-20 to 400
30011-30012	4	float	AMD Pressure	All	-B		iWC	-5 to 5
30013-30014	4	float	AMD-2 Airflow	EB-Flow2	-U	Dual location	FPM	0 to 15,000
30015-30016	4	float	AMD-2 Temperature	EB-Flow2	-U	Dual location	°F	-50 to 160
30017-30018	4	float	Node 1 Velocity	All	All		FPM	0 to 15,000
30019-30020	4	float	Node 1 Temperature	All	All		°F	-50 to 160
...			...					
30077-30078	4	float	Node 16 Velocity	All	All		FPM	0 to 15,000
30079-30080	4	float	Node 16 Temperature	All	All		°F	-50 to 160
30081-30082	4	float	Fan 1 Velocity	Advantage IV	-F/An		FPM	0 to 15,000
...			...					
30095-30096	4	float	Fan 8 Velocity	Advantage IV	-F/An		FPM	0 to 15,000
30097-30098	4	float	Fan 1 Temperature	Advantage IV	-F/An		°F	-50 to 160
...			...					
30111-30112	4	float	Fan 8 Temperature	Advantage IV	-F/An		°F	-50 to 160
30113-30114	4	float	AMD[-1] Area	All	All		sq ft	0 to 10,000
30115-30116	4	float	AMD-2 Area	EB-Flow2	-U	Dual location	sq ft	0 to 10,000
30117-30118	4	float	Fan 1 Flow	Advantage IV	-F/An		CFM	0 to 999,999
...			...					
30131-30132	4	float	Fan 8 Flow	Advantage IV	-F/An		CFM	0 to 999,999

TABLE F-1 Modbus Register Map

Address	Function	Type	Name	Product Line	Probe Type		Units	Ranges
30201	4	word	Alarm Status	All	All			0: No Alarm 1: High Alarm 2: Low Alarm 3: Both
30202	4	word	Fans In Alarm	Advantage IV	-F/An			0 to 255 (Bitwise representation with least significant bit equal to Fan 1)
30203	4	word	Nodes	All	All			0 to 16
30204	4	word	Fans	Advantage IV	-F/An			0 to 8
30205	4	word	P1 Nodes	All	All			0 to 8
30206	4	word	P2 Nodes	All	All			0 to 8
30207	4	word	P3 Nodes	Advantage IV	All			0 to 4
30208	4	word	P4 Nodes	Advantage IV	All			0 to 4
30209	4	word	P5 Nodes	Advantage IV	-F			0 to 1
30210	4	word	P6 Nodes	Advantage IV	-F			0 to 1
30211	4	word	P7 Nodes	Advantage IV	-F			0 to 1
30212	4	word	P8 Nodes	Advantage IV	-F			0 to 1
30301	4	word	Float Word Order	All	All			0: High Word First 1: Low Word First
30401	4	word	Main PCB Firmware	All	All			
30402	4	word	Output Card Firmware	Advantage IV	All			