BFC

Firmware v2.1.1

Object	Name	Units	Default	Range	Description	R/W	Retained On Power Failure
AI1	Analog Input 1 (BAS)	Volts DC	Dynamic	Dynamic	Analog Output can be tied to several signals. See O&M manual for detail. I/O Menu	R	N
AI2	Analog Input 2	Volts DC	Dynamic	Dynamic	Analog Output can be tied to several signals. See O&M manual for detail. I/O Menu	R	N
AI3	Thermistor	°F°/°C	Dynamic	(-59)-300	Current air temperature over filter	R	N
AI4	ECM Speed	r/min	Dynamic	0-2500	Current RPM of motor	R	N
AI5	Unit Pressure	inH20	Dynamic	Dynamic	Current differential pressure measured across the filter	R	N
BI1	Contact Closure	Contacts Open/Closed	Dynamic	Contacts Open/Closed	Binary Input used to enable night setback when closed	R	N
AO1	Analog Output 1 (RPM)	Volts DC	N/A	0-10 VDC	Configurable for Unit Pressure, CFM, RPM, Filter Load and BAS	R/W	Y
AO2	Analog Output 2 (Filter Load)	Volts DC	N/A	0-10 VDC	Configurable for Unit Pressure, CFM, RPM, Filter Load and BAS	R/W	Y
AO3	ECM Setpoint	%	50	0-100	Set ECM motor setpoint	R/W	Y
AV1	Filter Load	%	0	0-100%	Current percent of filter loading based on new, clean filter pressure drop	R	N
AV2	Filter Runtime	Hours	N/A	0-99999	Current number of hours on filter since last reset. Enter value of zero after filter has been replaced and calibrated.	R/W	Y
AV3	Motor Runtime	Hours	N/A	0-99999	Current number of hours on motor since last reset	R	N
AV4	Airflow	Cfm	N/A	0-9999	Current airflow	R	N
AV5	Filter Calibrated Pressure	inH2O	N/A	Dynamic	Unit pressure when filter was calibrated	R	N
AV6	Filter Trip Pressure	inH2O	0	Dynamic	Filter trip pressure	R	N
AV7	Filter Loading Trip Point	Numeric	1.5	1-3	Set filter loading trip point	R/W	Y
AV8	ECM Setback Setpoint	%	0%	0-100%	Set ECM motor night setpoint	R/W	Y
MV1	Unit Status	Text	Dynamic	4 States	1 Off 2 Normal 3 No RPM Signal 4 Overspeed	R	N
MV2	Control Mode	Text	Dynamic	4 States	1 BACnet 2 BAS 3 Local 4 CC Control	R	Y
MV3	Unit Fan Type	Text	Dynamic	2 States	1 Constant Torque 2 Constant Volume	R	Y
MV4	Unit Size	Text	Dynamic	3 States	1 2x2 2 2x3 3 2x4	R	Y
MV5	Unit Filter Type	Text	Dynamic	2 States	1 BTR 2 RSR	R	Y
MV6	Unit Wheel Type	Text	Dynamic	2 States	1 FC 2 BC	R	Y
MV7	Unit Voltage Type	Text	Dynamic	3 States	1 115 2 208-240 3 277	R	Y