

SmartTouch PRO Controller

BACnet Codes

Instance	Description	Read/Write	Data Type
1001	Password	R/W	Positive Integer
1002	Date	R/W	Date Value
1003	Time	R/W	Time Value
1004	Reserved	R	
1005	System Type	R	Multistate Value (1 - Auto Pilot, 2 - (Freezer Aire)
1006	Filter Installed	R	Multistate Value (1 - No, 2 - Yes)
1007	Filter Remind On	R/W	Binary Value (0 - Reminder off, 1 - Reminder on)
1008	Filter Change Days	R/W	Positive Integer (30, 60, 90, 120, 365)
1009	Filter Days Left	R	Positive Integer
1010	Door Switch Installed	R	Multistate Value (1 - No, 2 - Yes)
1011	Door Count	R	Positive Integer
1012	Status Symbols	R	Positive Integer (bit 0 - Fan on, bit 1 - heat on, bit 2 - cycle on, bit 3 - Filter Change, bit 4 - Alarm active)
1013	Fan Mode	R/W	Multistate Value (1 - Off, 2 - On, 3 - Auto, 4 - On Door (Freezer Aire Only), 5 - Off Door (Freezer Aire Only), 6 - Cycle (Freezer Aire Only)
1014	Fan Type	R	Multistate Value (1 - Single, 2 - Dual, 3 - Variable Speed)
1015	Fan Speed	R/W	Multistate Value (1 - Low, 2 - High, 3 - Auto)
1016	Fan Speed Percent	R/W	Positive Integer (50% - 100%)
1017	Fan Variable Voltage	R	Multistate Value (1 - 5VDC, 2 - 10VDC)
1018	Fan Runtime Minutes	R	Positive Integer
1019	Fan Runtime Hours	R	Positive Integer
1020	Heat Unit Installed	R	Multistate Value (1 - No, 2 - Yes)
1021	Heat Mode	R/W	Multistate Value (1 - Off, 2 - On, 3 - Auto, 4 - Space Heater)
1022	Heat Runtime Minutes	R	Positive Integer
1023	Heat Runtime Hours	R	Positive Integer
1024	Interior Temp Sensor Installed	R	Multistate Value (1 - No, 2 - Yes)
1025	Temp Units	R/W	Binary Value (0 - F, 1 - C)
1026	Interior Temp Setting	R/W	Positive Integer (Fahrenheit - +35 - +95, Celsius - -17 - +25)
1027	Interior Temperature	R	Positive Integer
1028	Exterior Temp Sensor Installed	R	Multistate Value (1 - No, 2 - Yes)
1029	Exterior Temp Sensor Control	R/W	Binary Value (0 - No, 1 - Yes)
1030	Exterior Temp Sensor Control Function	R/W	Multistate Value (0 - Control heat only, 1 - Control entire system)
1031	Exterior Temp Setting	R/W	Positive Integer (Fahrenheit - +35 - +95, Celsius - -17 - +25)
1032	Exterior Temperature	R	Positive Integer

QUESTIONS & TECHNICAL SUPPORT AVAILABLE. CONTACT US DIRECTLY:

Phone Support
1-888-321-Aire (2473)

Email Support & Service
CustomerService@PoweredAire.com

Sales Questions
Sales@PoweredAire.com

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Instance	Description	Read/Write	Data Type
1033	Defrost Fan Delay Time	R/W	Positive Integer (0 - 59) Freezer Aire Only
1034	Defrost Heat Delay Time	R/W	Positive Integer (0 - 59) Freezer Aire Only
1035	Defrost On Cycle Time	R/W	Positive Integer (0 - 59) Freezer Aire Only
1036	Defrost Off Cycle Time	R/W	Positive Integer (0 - 59) Freezer Aire Only
1037	Defrost Fan Delay Time Units	R/W	Positive Integer (0 - Seconds, 1 - Minutes, 2 - Hours) Freezer Aire Only
1038	Defrost Heat Delay Time Units	R/W	Positive Integer (0 - Seconds, 1 - Minutes, 2 - Hours) Freezer Aire Only
1039	Defrost On Cycle Time Units	R/W	Positive Integer (0 - Seconds, 1 - Minutes, 2 - Hours) Freezer Aire Only
1040	Defrost Off Cycle Time Units	R/W	Positive Integer (0 - Seconds, 1 - Minutes, 2 - Hours) Freezer Aire Only
1041	Delay Time Setting	R/W	Positive Integer (0 - 59)
1042	Delay Time Units	R/W	Binary Value (0 - Seconds, 1 - Minutes, 2 - Hours)
1043	Time Schedule Enabled	R/W	Positive Integer (0 - Disabled, 1 - Enabled)
1044	Time Schedule Days	R/W	Positive Integer (bit 0 - Saturday, bit 1 - Friday, bit 2 - Thursday, bit 3 - Wednesday, bit 4 - Tuesday, bit 5 - Monday, bit 6 - Sunday)
1045	Time Schedule Start Hour	R/W	Positive Integer (12a - 11p)
1046	Time Schedule Start Minute	R/W	Positive Integer (0 - 59)
1047	Time Schedule End Hour	R/W	Positive Integer (12a - 11p)
1048	Time Schedule End Minute	R/W	Positive Integer (0 - 59)
1049	Control Board Revision 1	R	
1050	Control Board Revision 2	R	
1051	Screen Revision 1	R	
1052	Screen Revision 2	R	
1053	Alarm Month Array	R	Octet String Array [30] - Month 1-12
1054	Alarm Day Array	R	Octet String Array [30] - Day 1-31
1055	Alarm Year Array	R	Octet String Array [30] - Year - 00-99, year is assumed to be 20XX, XX being the number in the array
1056	Alarm Hour Array	R	Octet String Array [30] - Hour 1-24
1057	Alarm Minute Array	R	Octet String Array [30] - Minute - 0-59
1058	Alarm Code Array	R	Octet String Array [30] - See alarm tab

BACnet Alarms

Alarm Code (Decimal)	Message	Description
161	Motor contactor failure	Motor commanded on, no aux contact closure from contactor
162	Motor overload failure	Motor overload has tripped
163	Heat contactor failure	Heater commanded on, no aux contact closure from contactor
164	Heat overtemp failure	Overtemp switch has been activated
165	Flow switch 1 failure	Motor is commanded on, contactor is closed, no flow switch indication
166	Flow switch 2 failure	Motor is commanded on, contactor is closed, no flow switch indication

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