

MPC BACNET VARIABLE LIST

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OBJ ID	OBJECT NAME	DESCRIPTION	TYPE *	UOM	RANGE	READ ONLY
0	BOOSTADJ	Vari-Boost Adjustment	AV	none (95)	0.1 - 6.4	
100	BOOSTMODE	Boost Mode	MV		1=BoostOff, 2=ManualBoost, 3=VariDay, 4=VariDayNight	
200	BOOSTTIME	Manual Boost Time	AV	Minutes (72)	0 - 120	
300	BPTIME	Bypass Time	AV	Minutes (72)	0 - 2,147,483,647	X
400	BYPASSMODE	Bypass Mode	BV		0=AUTO, 1=ON	
500	CLENGTH	Cycle Length	AV	Minutes (72)	10 - 240	
600	DADJUST	Day Heat Adjustment	MV		1=A, 2=B, 3=C, 4=D, 5=E, 6=F, 7=G, 8=H, 9=I, 10=J, 11=K, 12=L, 13=M, 14=N, 15=O, 16=P	
700	DCUTOFF	Outdoor Day Cutoff	AV	°C (62), °F (64)	-6 - 38°C, 20 - 100°F	
800	DLS	Day Light Saving	BV		0=Enable, 1=Disable	
900	FAULTMODE	Sensor Fault Mode	BV		0=OutputOn, 1=OutputOff	
1000	HDIFF	System Differential	AV	°C (62), °F (64)	2 - 42°C, 3 - 75°F	
1100	INMODE	Sensor Mode	BV		0=°F, 1=°C	
1200	NADJUST	Night Heat Adjustment	MV		1=A, 2=B, 3=C, 4=D, 5=E, 6=F, 7=G, 8=H, 9=I, 10=J, 11=K, 12=L, 13=M, 14=N, 15=O, 16=P	
1300	NCUTOFF	Outdoor Night Cutoff	AV	°C (62), °F (64)	-6 - 38°C, 20 - 100°F	
1400	ODTEMP	Outdoor Sensor	AV	°C (62), °F (64)	-40 - +122°C, -40 - +250°F	X
1500	ODTRIM	Outdoor Sensor Trim	AV	°C (62), °F (64)	-3 - +3°C, -5 - +5°F	
1600	OPMODE	Operation Mode	BV		0=Burner/valve, 1=District Steam	
1700	OUTPUT	Output Relay	BV		0=Off, 1=On	X
1800	PDATE	Panel Date	AV	Days (70) since 1/1/1981	0 - 2,147,483,647	
1900	PTIME	Panel Time	AV	Minutes (72) since 0:00	0 - 1439	
2000 through 2055	SCHEDULES00 through SCHEDULES55	Schedules	AV	Minutes (72) since 0:00	0 - 1439, 1440=empty schedule	
2100	SEASON	Season	BV		0=Winter, 1=Summer	
2200	SHIFT	Day/Night Shift	MV		1=To-Day, 2=To-Night, 3=Extend-Day, 4=To-Schedule	
2300	SRUNON	System Run-on	AV	Minutes (72)	0 - 60	
2400	SYSEN	System Sensor	AV	°C (62), °F (64)	-40 - +122°C, -40 - +250°F	X
2500	SYSTEM	System Relay	BV		0=Off, 1=On	X
2600	SYTRIM	System Sensor Trim	AV	°C (62), °F (64)	-3 - +3°C, -5 - +5°F	
2700	TLOCKOUT	Thermal Lockout Enable	BV		0=OFF, 1=ON	
2800	XYZMIN	District Steam Delay	AV	Minutes (72)	0 - 30	
2900	XYZTEMP	System Setpoint	AV	°C (62), °F (64)	21 - 122°C, 70 - 250°F	

* AV=analog value(2), BV=binary value (5), MV=multi-state value(19).

Note: The device object id is set through the menus. The device object name is 'HTC_' followed by the panel serial number.

Note: All variables with multiple UOM's depend upon the value of INMODE to determine which one to use.

Note: Use XYZMIN when OPMODE is set to District Steam. Use XYZTEMP, HDIFF and TLOCKOUT when OPMODE is set to Burner/valve.

Note: Use BOOSTADJ when BOOSTMODE is set to VariDay and VariDayNight. Use BOOSTTIME when BOOSTMODE is set to ManualBoost.

Note: The MPC has a schedule, which is 7-days, 4 day/night pairs per day. For example: Instance 2000 is the first DAY schedule of Monday; Instance 2001 is the first NIGHT schedule of Monday; Instance 2008 is the first DAY schedule of Tuesday; Instance 2009 is the first NIGHT schedule of Tuesday and so on.

Note: Use the MPC installation menu for supplementary information.