

SRC BACNET VARIABLE LIST ©2008 HEAT-TIMER CORP.

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	BURNER	Burner Status	BV		0=Off, 1=On	X
500	BYPASSMODE	Bypass Mode	BV		0=AUTO, 1=ON	
600	CLENGTH	Cycle Length	AV	Minutes(72)	10 - 240	
700	CUTOFFPCT*	Valve % at Cutoff	AV	%(98)	0 - 100	
800	DAYADJUST	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	
900	DAYCUTOFF	Outdoor Day Cutoff	AV	°C(62), °F(64)	-6 - 38°C, 20 - 100°F	
1000	DLS	Day Light Saving	BV		0=Enable, 1=Disable	
1100	FAULTMODE	Sensor Fault Mode	BV		0=OutputOn, 1=OutputOff	
1200	FREEZPCT	Valve % at Freezing	AV	%(98)	0 - 100	
1300	INMODE	Sensor Mode	BV		0=°F, 1=°C	X
1400	MOTORTIME	Motor Time	AV	Seconds(73)	120 - 600	
1500	MVTARGET	Manual Valve Target	AV	%(98)	0 - 100	
1600	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	
1700	NCUTOFF	Outdoor Night Cutoff	AV	°C(62), °F(64)	-6 - 38°C, 20 - 100°F	
1800	ODTEMP	Outdoor Sensor	AV	°C(62), °F(64)	-40 - 122°C, -40 - +250°F	X
1900	ODTRIM	Outdoor Sensor Trim	AV	°C(62), °F(64)	-3 - +3°C, -5 - +5°F	
2000	OFFPCT	Valve Off %	AV	%(98)	0 - 100	
2100	OPMODE	Operation Mode	BV		0=Burner/valve, 1=District Steam	
2200	PAUSETIME	Pause Time	AV	Seconds(73)	0 - 60	
2300	PDATE	Panel Date	AV	Days (70) since 1/1/1981	0 - 2,147,483,647	
2400	PTIME	Panel Time	AV	Minutes(72) since 0:00	0 - 1439	
2500	PULSECLOSE	Pulse Close Enable	BV		0=No, 1=Yes	
2600	PUMP	Vacuum Pump Relay	BV		0=Off, 1=On	
2700 through 2755	SCHEDULES00 through SCHEDULES55	Schedules	AV	Minutes(72) since 0:00	0 - 1439, 1440=empty schedule	
2800	SEASON	Season	BV		0=Winter, 1=Summer	
2900	SHIFT	Day/Night Shift	MV		1=To-Day, 2=To-Night, 3=Extend-Day, 4=To-Schedule	
3000	SYSEN	System Sensor	AV	°C(62), °F(64)	-40 - 122°C, -40 - +250°F	X
3100	SYTRIM	System Sensor Trim	AV	°C(62), °F(64)	-3 - +3°C, -5 - +5°F	
3200	VALVE	Valve Position	AV	%(98)	0 - 100	X
3300	VCLSOD	Valve Close Overdrive	AV	Seconds(73)	0 - 90	
3400	VCLSTRM	Valve Close Trim	AV	%(98)	0 - 5	
3500	VMODE	Valve Mode	BV		0=Positioning Sensor, 1=Time Based	
3600	VOPNTRM	Valve Open Trim	AV	%(98)	0 - 5	
3700	VTRIM	Valve Trim	AV	%(98)	0 - 20	
3800	XYZMIN	District Steam Delay	AV	Minutes(72)	0 - 30	
3900	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 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 SRC has a schedule, which is 7-days, 4 day/night pairs per day. For example: Instance 2700 is the first DAY schedule of Monday; Instance 2701 is the first NIGHT schedule of Monday; Instance 2708 is the first DAY schedule of Tuesday; Instance 2709 is the first NIGHT schedule of Tuesday and so on.

Note: Use the SRC installation menu for supplementary information.