For questions related to the initial set up of BACnet Controls, please contact Rheem Technical Support at 800.432.8373.

All questions concerning your systems set-up should be referred to your BACnet service provider.

BACnet Object List

OBJECT NAME	OBJECT TYPE	DESCRIPTION	ACCESS	EEPROM	GROUP
Device	Device	BACnet Device	RO	N	BACnet Identifier
DISPUNIT	Binary	Temperature Display	R/W	Y	Display Config
SCRNLOCK	Binary	Screen Adjustment Lock	R/W	Y	Display Config
ALRMBEEP	Binary	Beep On Alarm	R/W	Y	Display Config
WHTRCNFG	Multi-State	Water Heater Config	R/W	Y	Water Heater Config
WHTRSETP	Analog	Water Heater Set Point	R/W	Y	Water Heater Config
WHTRDIFF	Analog	Differential Temp Set Point	R/W	Y	Water Heater Config
RCIRCNFG	Multi-State	Recirc. Pump Config	R/W	Y	Water Heater Config
WHTR_AUX	Multi-State	Aux Input Select	R/W	Y	Water Heater Config
AUX_CNFG	Multi-State	Auxiliary Relay Function	R/W	Y	Water Heater Config
SHUTCNFG	Multi-State	Shutoff Valve Config	R/W	Y	Water Heater Config
VLVSTATE	Multi-State	Current Operating State	RO	N	Water Heater Status
S4_GLINE	Binary	Gas Line Press. Switch	RO	N	Water Heater Status
GASVALVE	Binary	Gas Valve State	RO	N	Water Heater Status
S1_AIRFL	Binary	Fan Prove Press. Switch	RO	N	Water Heater Status
S2_INPRS	Binary	Air Intake Press. Switch	RO	N	Water Heater Status
S3_EXPRS	Binary	Exhaust Press. Switch	RO	N	Water Heater Status
FANSPEED	Analog	Current Fan Speed	RO	N	Water Heater Status
TANKTEMP	Analog	Upper Tank Temp	RO	N	Water Heater Status
INLTTEMP	Analog	Lower Tank Temp	RO	N	Water Heater Status
FLUETEMP	Analog	Flue Temperature	RO	N	Water Heater Status
ECOSTATE	Binary	ECO Switch State	RO	N	Water Heater Status
ANODFAIL	Binary	Powered Anode Failed	RO	N	Water Heater Status
PMPSTRNG	Character String	Auxiliary Relay State	RO	N	Water Heater Status
SHUTSTAT	Multi-State	Shut-off Valve State	RO	N	Water Heater Status
VACA_NET	Analog	Vacation Network Command	R/W	N	Water Heater Command
PROVISIN	Binary	Command WiFi to Provisin	R/W	N	WiFi Setup Command
SWMVERSN	Character String	Econet SW Version (WiFi)	RO	N	WiFi Status
AW_SWVER	Character String	WiFi Chip SW Version	RO	N	WiFi Status
AWMACADR	Character String	WiFi Chip MAC address	RO	N	WiFi Status
WLSTATUS	Character String	WiFi Network Status	RO	N	WiFi Status
WFSIGNAL	Analog	WF Signal Strength (dBm)	RO	N	WiFi Status
INSTANCE	Analog	Econet Network Instance	R/W	Y	OS Config
PRODMODN	Character String	Product Model Number:	R/W	Y	OS Config
PRODSERN	Character String	Product Serial Number:	R/W	Y	OS Config
PRODLOCA	Character String	Product Location:	R/W	Y	OS Config
PRODDESC	Character String	Product Description:	R/W	Y	OS Config
SW_VERSN	Character String	Software Version Number:	RO	N	Control SW Version
RESETDEV	Binary	Reset Microcontroller	R/W	N	OS Command
DEFAULTS	Binary	Restore Program Defaults	R/W	N	OS Command
ALARM01C	Character String	Alarm 1	RO	N	OS Status
ALARM02C	Character String	Alarm 2	RO	N	OS Status
ALARM03C	Character String	Alarm 3	RO	N	OS Status

BACnet Object List

OBJECT NAME	OBJECT TYPE	DESCRIPTION	ACCESS	EEPROM	GROUP
ALARM04C	Character String	Alarm 4	RO	N	OS Status
ALARM05C	Character String	Alarm 5	RO	N	OS Status
ALERTS	Analog	Current Alerts Count	RO	N	OS Status
ALARMS	Analog	Current Alarms Count	RO	N	OS Status
ALRMALRT	Analog	Current Alarms & Alerts	RO	N	OS Status
ALRESET	Binary	Current Alarms Clear	R/W	N	OS Status
ALHISCLR	Binary	Alarm History Clear	R/W	N	OS Status
SECCOUNT	Analog	Seconds Since Last Reset	RO	N	OS Status
ALARM01H	Character String	Alarm History 1	RO	Y	OS Status
ALARM02H	Character String	Alarm History 2	RO	Y	OS Status
ALARM03H	Character String	Alarm History 3	RO	Y	OS Status
ALARM04H	Character String	Alarm History 4	RO	Y	OS Status
ALARM05H	Character String	Alarm History 5	RO	Y	OS Status
ALARM06H	Character String	Alarm History 6	RO	Y	OS Status
ALARM07H	Character String	Alarm History 7	RO	Y	OS Status
ALARM08H	Character String	Alarm History 8	RO	Y	OS Status
ALARM09H	Character String	Alarm History 9	RO	Y	OS Status
ALARM10H	Character String	Alarm History 10	RO	Y	OS Status
ALARM11H	Character String	Alarm History 11	RO	Y	OS Status
ALARM12H	Character String	Alarm History 12	RO	Y	OS Status
ALARM13H	Character String	Alarm History 13	RO	Y	OS Status
ALARM14H	Character String	Alarm History 14	RO	Y	OS Status
ALARM15H	Character String	Alarm History 15	RO	Y	OS Status
ALARM16H	Character String	Alarm History 16	RO	Y	OS Status
ALARM17H	Character String	Alarm History 17	RO	Y	OS Status
ALARM18H	Character String	Alarm History 18	RO	Y	OS Status
ALARM19H	Character String	Alarm History 19	RO	Y	OS Status
ALARM20H	Character String	Alarm History 20	RO	Y	OS Status
ALARM21H	Character String	Alarm History 21	RO	Y	OS Status
ALARM22H	Character String	Alarm History 22	RO	Y	OS Status
ALARM23H	Character String	Alarm History 23	RO	Y	OS Status
ALARM24H	Character String	Alarm History 24	RO	Y	OS Status
ALARM25H	Character String	Alarm History 25	RO	Y	OS Status
WF_SSID	Character String	Wi-Fi SSID	RO	N	Wi-Fi Status
WIFIPADDR	Character String	Wi-Fi IP Address	RO	N	Wi-Fi Status
WFNETMASK	Character String	Wi-Fi Subnet Mask	RO	N	Wi-Fi Status
WFGTWYAD	Character String	Wi-Fi Gateway	RO	N	Wi-Fi Status
ALTITUDE	Multi State	Device Elevation	RO	Y	Water Heater Config
DST_ENAB	Binary	Daylight Saving Enable	R/W	Y	Water Heater Config