

APPENDIX F — UPC OPEN CONTROLLER (cont)

NETWORK POINTS LIST

BACNET OBJECT ID	POINT DESCRIPTION	READ/ WRITE	UNITS	DEFAULT VALUE	RANGE	BACNET OBJECT NAME	POINT NAME
AV:9	Active Demand Limit	W	%		0 - 100	dem_lim_1	DEM_LIM
AV:10	Air Temp Lvg Supply Fan	R	dF		-40 - 240	sat_1	SAT
AV:11	Air Temp Lvg Evap Coil	R	dF		-40 - 240	cct_1	CCT
AV:12	BP 1 Command Position	R	%		0 - 100	b1_cpos_1	BP1_CPOS
AV:13	BP 2 Command Position	R	%		0 - 100	b2_cpos_1	BP2_CPOS
AV:14	BP VFD Maximum Speed	W	%	100	0 - 100	bldgpmx_1	BLDGPMAX
AV:15	Temper Supply Air Setpt	W	dF		35 - 70	sasptemp_1	SASPTEMP
AV:16	Bypass EXV Position	R	%		0 - 100	byp_exv_1	BYP_EXV
AV:17	BP Setpoint Offset	W	H2O	0.05	0 - 0.5	bps_1	BPSO
AV:18	Compressor A1 Capacity	R	%		0 - 100	cmpa1cap_1	CMPA1CAP
AV:19	Compressor A3 Run Hours	R	hr		0 - 999999.9	hr_a3_1	HR_A3
AV:20	Compressor A3 Starts	R			0 - 999999	cy_a3_1	CY_A3
AV:21	Compressor A3 Strikes	R			0 - 3	cmpa3str_1	CMPA3STR
AV:22	Capacity Load Factor	R			-400 - 400	smz_1	SMZ
AV:23	Capacity Threshold Adj	W		1	0.1 - 10	z_gain_1	Z_GAIN
AV:24	Compressor A1 Run Hours	R	hr		0 - 999999.9	hr_a1_1	HR_A1
AV:25	Compressor A1 Starts	R			0 - 999999	cy_a1_1	CY_A1
AV:26	Compressor A1 Strikes	R			0 - 3	cmpa1str_1	CMPA1STR
AV:27	Compressor B3 Run Hours	R	hr		0 - 999999.9	hr_b3_1	HR_B3
AV:28	Compressor A2 Run Hours	R	hr		0 - 999999.9	hr_a2_1	HR_A2
AV:29	Compressor A2 Starts	R			0 - 999999	cy_a2_1	CY_A2
AV:30	Compressor A2 Strikes	R			0 - 3	cmpa2str_1	CMPA2STR
AV:31	Compressor B3 Starts	R			0 - 999999	cy_b3_1	CY_B3
AV:32	Compressor B1 Run Hours	R	hr		0 - 999999.9	hr_b1_1	HR_B1
AV:33	Compressor B1 Starts	R			0 - 999999	cy_b1_1	CY_B1
AV:34	Compressor B1 Strikes	R			0 - 3	cmpb1str_1	CMPB1STR
AV:35	Compressor B3 Strikes	R			0 - 3	cmpb3str_1	CMPB3STR
AV:36	Compressor B2 Run Hours	R	hr		0 - 999999.9	hr_b2_1	HR_B2
AV:37	Compressor B2 Starts	R			0 - 999999	cy_b2_1	CY_B2
AV:38	Compressor B2 Strikes	R			0 - 3	cmpb2str_1	CMPB2STR
AV:39	Condenser EXV Position	R	%		0 - 100	cond_exv_1	COND_EXV
AV:40	Compressor Lockout Temp	W	dF	40	-20 - 55	oatlcomp_1	OATLCOMP
AV:41	Econo Command Position	W	%		0 - 100	ecn2cpos_1	ECN2CPOS
AV:42	Econo Current Min. CFM	R	CFM		0 - 20000	ecmincfm_1	ECMINCFM
AV:43	Ctl.Temp RAT,SPT or ZONE	R			0 - 100	ctrltemp_1	CTRLTEMP
AV:44	Current Running Capacity (Heat)	R	%		0 - 100	htsg_cap_1	HTSG_CAP
AV:45	Econo Current Min. Pos.	R	%		0 - 100	ecminpos_1	ECMINPOS
AV:46	Economizer Min.Flow	W	CFM	2000	0 - 20000	oacfmmax_1	OACFMMAX
AV:47	Fan Track Control D.CFM	R	CFM		-20000 - 20000	deltacfm_1	DELTACFM
AV:48	Fan Track Internal RAM	W	CFM	0	-20000 - 20000	dcfm_ram_1	DCFM_RAM
AV:49	Dehumidify Cool Setpoint	W	dF	45	40 - 55	dhcoolsp_1	DHCOOLSP
AV:50	Dehumidify RH Setpoint	W	%	55	10 - 90	dhrelhsp_1	DHRELHSP
AV:51	Fan Track Max Clamp	W	CFM	4000	0 - 20000	dcfm_max_1	DCFM_MAX
AV:52	Fan Track Max Correction	W	CFM	1000	0 - 20000	dcfm_adj_1	DCFM_ADJ
AV:53	Demand Limit Sw.1 Setpt.	W	%	80	0 - 100	dlsbsp1_1	DLSWSP1
AV:54	Demand Limit Sw.2 Setpt.	W	%	50	0 - 100	dlsbsp2_1	DLSWSP2
AV:55	Ht.Coil Command Position	R	%		0 - 100	htclcp_1	HTCLCPOS
AV:56	Diff.Air Quality in PPM	R			0 - 5000	daq_1	DAQ
AV:57	HumidiMizer Capacity	R	%		0 - 100	hmzrcapc_1	HMZRCAPC
AV:58	IAQ Demand Vent Min.Flow	W	CFM	0	0 - 20000	oacfmmin_1	OACFMMIN
AV:59	Dmd Level(-) Low Cool OFF	W	^F	1	0.5 - 2	dmdlcoff_1	DMDLCOFF
AV:60	Dmd Level(-) Low Heat OFF	W	^F	1	0.5 - 2	dmdlhoff_1	DMDLHOFF

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NETWORK POINTS LIST (cont)

BACNET OBJECT ID	POINT DESCRIPTION	READ/ WRITE	UNITS	DEFAULT VALUE	RANGE	BACNET OBJECT NAME	POINT NAME
AV:61	Dmd Level(+) Hi Cool ON	W	^F	0.5	0.5 - 20	dmdhcon_1	DMDHCON
AV:62	Dmd Level(+) Hi Heat ON	W	^F	0.5	0.5 - 20	dmdhhon_1	DMDHHON
AV:63	Dmd Level Low Cool ON	W	^F	1.5	0 - 2	dmdlcon_1	DMDLCON
AV:64	Dmd Level Low Heat ON	W	^F	1.5	0 - 2	dmdlhon_1	DMDLHON
AV:65	Modulating Gas Capacity	R	%		0 - 100	htmg_cap_1	HTMG_CAP
AV:66	Outside Air CFM	R	CFM		0 - 50000	oacfm_1	OACFM
AV:67	Economizer Act.Cmd Pos	W	%		0 - 100	econocmd_1	ECONOCMD
AV:68	Economizer Control Point	R	dF		0 - 180	econpnt_1	ECONCPNT
AV:69	Return Air CFM	R	CFM		0 - 50000	racfm_1	RACFM
AV:70	Economizer Max.Position	W	%	98	0 - 100	economax_1	ECONOMAX
AV:71	Space Enthalpy	R			-20 - 10000	spe_1	SPE
AV:72	Space Relative Humidity	W	%		0 - 100	sprh_1	SPRH
AV:73	SP High Alert Limit	W		2	0 - 5	sph_1	SPH
AV:74	SP Low Alert Limit	W		0	-0.5 - 5	spl_1	SPL
AV:75	Staged Gas Capacity Calc	R	%		0 - 100	htsgcalc_1	HTSGCALC
AV:76	Evaporator Discharge Tmp	R	dF		-40 - 240	edt_1	EDT
AV:77	Fan Mode	W		1	0 - 1	fan_mode_1	FAN_MODE
AV:78	Supply Air CFM	R	CFM		0 - 50000	sacfm_1	SACFM
AV:79	VFD1 Actual Motor Amps	R	A		0 - 999	vfd1amps_1	VFD1AMPS
AV:80	VFD1 Actual Motor Freq	R			0 - 500	vfd1freq_1	VFD1FREQ
AV:81	VFD1 Actual Motor Power	R			-150 - 150	vfd1pwr_1	VFD1PWR
AV:82	VFD1 Actual Motor RPM	R			0 - 30000	vfd1rpm_1	VFD1RPM
AV:83	Heat-Cool Setpoint Gap	W	deltaF		2 - 10	hcsp_gap_1	HCSP_GAP
AV:84	VFD1 Cumulative kWh	R			0 - 65535	vfd1kwh_1	VFD1KWH
AV:85	Heating Supply Air Setpt	W	dF	85	80 - 120	saspsheat_1	SASPHEAT
AV:86	VFD1 Cumulative Run Time	R	hr		0 - 65535	vfd1runt_1	VFD1RUNT
AV:87	VFD1 DC Bus Voltage	R	V		0 - 1000	vfd1vdc_1	VFD1VDC
AV:88	VFD1 Last Fault Code	R			0 - 65535	vfd1lfc_1	VFD1LFC
AV:89	VFD1 Output Voltage	R	V		0 - 1000	vfd1vout_1	VFD1VOUT
AV:90	VFD1 Status Word 1	R			0 - 0	vfd1stat_1	VFD1STAT
AV:91	VFD1 Transistor Temp (C)	R			0 - 150	vfd1temp_1	VFD1TEMP
AV:92	VFD2 Actual Motor Amps	R	A		0 - 999	vfd2amps_1	VFD2AMPS
AV:93	VFD2 Actual Motor Freq	R			10 - 500	vfd2freq_1	VFD2FREQ
AV:94	VFD2 Actual Motor Power	R			-150 - 150	vfd2pwr_1	VFD2PWR
AV:95	VFD2 Actual Motor RPM	R			50 - 30000	vfd2rpm_1	VFD2RPM
AV:96	VFD2 Cumulative kWh	R			0 - 65535	vfd2kwh_1	VFD2KWH
AV:97	VFD2 Cumulative Run Time	R	hr		0 - 65535	vfd2runt_1	VFD2RUNT
AV:98	IAQ Purge Duration	W	min	15	5 - 60	iaqptime_1	IAQPTIME
AV:99	VFD2 DC Bus Voltage	R	V		0 - 1000	vfd2vdc_1	VFD2VDC
AV:100	VFD2 Last Fault Code	R			0 - 65535	vfd2lfc_1	VFD2LFC
AV:101	IAQ Purge OAT Lockout	W	dF	50	35 - 70	iaqpntlo_1	IAQPNTLO
AV:102	VFD2 Output Voltage	R	V		0 - 1000	vfd2vout_1	VFD2VOUT
AV:103	VFD2 Status Word 1	R			0 - 0	vfd2stat_1	VFD2STAT
AV:104	VFD2 Transistor Temp (C)	R			0 - 150	vfd2temp_1	VFD2TEMP
AV:105	VFD/Act. Min. Speed/Pos.	W	%	0	0 - 100	bldgpmn_1	BLDGPMIN
AV:112	OAQ Lockout Value	W		0	0 - 2000	oaqlock_1	OAQLOCK
AV:113	OAQ - PPM Outdoor CO2	W			0 - 5000	oaq_1	OAQ
AV:114	Occupied Cool Mode End	R			0 - 100	occl_end_1	OCCL_END
AV:115	Occupied Cool Mode Start	R			0 - 100	occlstrt_1	OCCLSTRT
AV:116	Occupied Heat Mode End	R			0 - 100	ocht_end_1	OCHT_END
AV:117	Occupied Heat Mode Start	R			0 - 100	ochtstrt_1	OCHTSTRT
AV:118	Outside Air Humidity Ratio	R			-10000 - 10000	oa_humr_1	OA_HUMR
AV:119	Outside Air Relative Humidity	W	%		0 - 100	oarh_1	OARH
AV:120	Override Time Limit	W	hr	1	0 - 4	otl_1	OTL

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NETWORK POINTS LIST (cont)

BACNET OBJECT ID	POINT DESCRIPTION	READ/ WRITE	UNITS	DEFAULT VALUE	RANGE	BACNET OBJECT NAME	POINT NAME
AV:122	Power Exhaust On Setp.1	W	%	25	0 - 100	pes1_1	PES1
AV:123	Power Exhaust On Setp.2	W	%	75	0 - 100	pes2_1	PES2
AV:131	Reset Limit	W	^F	10	0 - 20	limt_1	LIMIT
AV:132	Reset Ratio	W		3	0 - 10	rtio_1	RTIO
AV:133	Return Air Enthalpy	R			-20 - 10000	rae_1	RAE
AV:134	Return Air Relative Humidity	W	%		0 - 100	rarh_1	RARH
AV:135	Return Air Temperature	W	dF		-40 - 240	rat_1	RAT
AV:137	Space Temperature	W	dF		-40 - 240	spt_1	SPT
AV:138	Space Temperature Offset	W	^F		-10 - 10	spto_1	SPTO
AV:139	Space Temp Offset Range	W		5	1 - 10	spto_rng_1	SPTO_RNG
AV:143	SP Reset Limit	W		0.75	0 - 2	sprlimit_1	SPRLIMIT
AV:144	SP Reset Ratio	W		0.2	0 - 2	sprratio_1	SPRRATIO
AV:150	Staged Gas LAT 1	R	dF		-40 - 240	lat1sgas_1	LAT1SGAS
AV:151	Staged Gas LAT 2	R	dF		-40 - 240	lat2sgas_1	LAT2SGAS
AV:152	Staged Gas LAT 3	R	dF		-40 - 240	lat3sgas_1	LAT3SGAS
AV:153	Staged Gas LAT Sum	R	dF		-40 - 240	lat_sgas_1	LAT_SGAS
AV:154	Staged Gas Limit Sw Temp	R	dF		-40 - 240	limswtmp_1	LIMSWTMP
AV:156	Stat. Pres. Reset Config	W		0	0 - 4	sprstcfg_1	SPRSTCFG
AV:157	Static Pressure Reset	W			0 - 15	spreset_1	SPRESET
AV:158	Supply Air Setpnt. Reset	W	^F		0 - 20	sasprset_1	SASPRSET
AV:159	Temp Comp Start Cool Factor	W	min	0	0 - 60	tcstcool_1	TCSTCOOL
AV:160	Temp Comp Start Heat Factor	W	min	0	0 - 60	tcstheat_1	TCSTHEAT
AV:161	Tempering in Cool SASP	W	dF		5 - 75	tempcool_1	TEMPCOOL
AV:162	Tempering Purge SASP	W	dF		-20 - 80	temppurg_1	TEMPPURG
AV:163	Tempering Vent Occ SASP	W	dF		-20 - 80	tempvocc_1	TEMPVOCC
AV:164	Temper Vent Unocc	W	dF		-20 - 80	tempvunc_1	TEMPVUNC
AV:166	Un.Ec.Free Cool OAT Lock	W	dF	50	40 - 70	uefcntlo_1	UEFCNTLO
AV:168	Unoccupied Cool Mode End	R			0 - 100	uccl_end_1	UCCL_END
AV:169	Unoccupied Cool Mode Start	R			0 - 100	ucclstrt_1	UCCLSTRT
AV:170	Unoccupied Heat Mode End	R			0 - 100	ucht_end_1	UCHT_END
AV:171	Unoccupied Heat Mode Start	R			0 - 100	uchtstrt_1	UCHTSTRT
AV:172	Unoc Econ Free Cool Cfg	W		0	0 - 2	uefc_cfg_1	UEFC_CFG
AV:173	Unoc Econ Free Cool Time	W	min	120	0 - 720	uefctime_1	UEFCTIME
AV:180	VAV Occ. Cool Off Delta	W	deltaF		1 - 25	vavocoff_1	VAVOCOFF
AV:181	VAV Occ. Cool On Delta	W	deltaF		0 - 25	vavocon_1	VAVOCON
AV:183	Vent Reheat RAT Offset	W	^F	0	0 - 8	dhvraoff_1	DHVRAOFF
AV:184	Vent Reheat Setpoint	W	dF	70	55 - 95	dhvht_sp_1	DHVHT_SP
AV:186	VFD/Act. Fire Speed/Pos.	W	%	100	0 - 100	bldgpfso_1	BLDGPFISO
AV:187	VFD-IGV Fire Speed Override	W	%	100	0 - 100	statpfso_1	STATPFISO
AV:188	VFD Maximum Speed	W	%	100	0 - 100	statpmax_1	STATPMAX
AV:189	VFD Minimum Speed	W	%	20	0 - 100	statpmin_1	STATPMIN
AV:1003	Outside Air Temperature	W	dF		-40 - 240	oat_1	OAT
AV:1009	IAQ - PPM Indoor CO2	W			0 - 5000	iaq_1	IAQ
AV:1016	Static Pressure	R	"H2O		-20 - 20	static_press_1	SP
AV:1022	HVAC Mode Numerical Form	R			0 - 40	hvac_mode_1	MODEHVAC
AV:1023	Current Running Capacity	R	%		0 - 100	cool_capacity_1	CAPTOTAL
AV:1024	Cooling Control Point	R	dF		-20 - 140	cool_ctrl_point_1	COOLCPNT
AV:1025	Heating Control Point	R			-20 - 140	heat_ctrl_point_1	HEATCPNT
AV:1027	Leaving Air Temperature	R	dF		-40 - 240	lvg_air_temperature_1	LAT
AV:1028	Economizer Act. Curr. Pos	R	%		0 - 100	econ_pos_1	ECONOPOS
AV:1030	Controlling Return Air Temp	W	dF		-40 - 240	ra_temp_1	RETURN_T
AV:1070	Building Pressure	R	"H2O		-20 - 20	bldg_static_press_1	BP
AV:1500	Mixed Air Temperature	R	dF		-40 - 240	ma_temp_1	MAT
AV:1600	Cir A Suction Pressure	R	PSIG		-14 - 750	suction_press_a_1	SP_A
AV:1601	Cir A Discharge Pressure	R	PSIG		-14 - 750	discharge_press_a_1	DP_A
AV:1602	Cir A Sat. Condensing Temperature	R	dF		-40 - 240	sat_cond_temp_a_1	SCTA
AV:1603	Cir A Sat. Suction Temperature	R	dF		-40 - 240	sat_suction_temp_a_1	SSTA

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NETWORK POINTS LIST (cont)

BACNET OBJECT ID	POINT DESCRIPTION	READ/ WRITE	UNITS	DEFAULT VALUE	RANGE	BACNET OBJECT NAME	POINT NAME
AV:1604	Cir B Suction Pressure	R	PSIG		-14 - 750	suction_press_b_1	SP_B
AV:1605	Cir B Discharge Pressure	R	PSIG		-14 - 750	discharge_press_b_1	DP_B
AV:1606	Cir B Sat. Condensing Temperature	R	dF		-40 - 240	sat_cond_temp_b_1	SCTB
AV:1607	Cir B Sat. Suction Temperature	R	dF		-40 - 240	sat_suction_temp_b_1	SSTB
AV:2003	Requested Heat Stage	R			0 - 20	heat_run_1	HT_STAGE
AV:2007	Controlling Space Temp	W	dF		-40 - 240	space_temp_1	SPACE_T
AV:2050	Supply Fan VFD Speed	R	%		0 - 100	sf_vfd_output_1	SFAN_VFD
AV:2075	Exhaust Fan VFD Speed	R	%		0 - 100	ef_vfd_output_1	EFAN_VFD
AV:2901	User Defined Analog 1	W				user_analog_1_1	
AV:2902	User Defined Analog 2	W				user_analog_2_1	
AV:2903	User Defined Analog 3	W				user_analog_3_1	
AV:2904	User Defined Analog 4	W				user_analog_4_1	
AV:2905	User Defined Analog 5	W				user_analog_5_1	
AV:3001	Cooling Occupied Setpoint	W	dF		40 - 99	occ_cl_stpt_1	OCCSP
AV:3002	Heating Occupied Setpoint	W	dF		40 - 99	occ_ht_stpt_1	OHSP
AV:3003	Cooling Unoccupied Setpoint	W	dF		40 - 110	unocc_cl_stpt_1	UCSP
AV:3004	Heating Unoccupied Setpoint	W	dF		40 - 99	unocc_ht_stpt_1	UHSP
AV:3007	Supply Air Setpoint	W	dF		45 - 75	sa_temp_stpt_1	SASP
AV:3050	Static Pressure Setpoint	W	"H2O	1.5	0 - 5	sa_static_stpt_1	SPSP
AV:3070	Building Pressure Setp.	W	H2O	0.05	-0.25 - 0.25	bldg_press_stpt_1	BPSP
AV:4005	Economizer Min.Position	W	%	5	0 - 100	econ_min_1	ECONOMIN
AV:9006	System Cooling Demand Level	R			n/a	cool_demand_level_1	
AV:9008	High OAT Lockout Temp	W	dF	60	-40 - 120	econ_oat_lockout_1	OAT_LOCK
AV:9036	System Heating Demand Level	R			n/a	heat_demand_level_1	
AV:80001	System OAT Master	R	dF		n/a	mstr_oa_temp_1	
BV:3	Circ A High Press.Switch	R			0 - 1	circahps_1	CIRCAHPS
BV:5	Local Schedule	R			n/a	schedule_1	
BV:7	System Demand Limiting	R			n/a	dem_lmt_act_1	
BV:9	Alarm State	R			n/a	alm_1	
BV:10	Capacity Clamp Mode	R			0 - 1	capmode_1	CAPMODE
BV:11	Fan request from IGC	R			0 - 1	igcfan_1	IGCFAN
BV:12	Circ B High Press.Switch	R			0 - 1	circbhps_1	CIRCBHPS
BV:13	Compressor A3 Relay	R			0 - 1	cmpa3_1	CMPA3
BV:14	Compressor B3 Relay	R			0 - 1	cmpb3_1	CMPB3
BV:15	Condenser Fan Output 1	R			0 - 1	condfan1_1	CONDFAN1
BV:16	Compressor A1 Relay	R			0 - 1	cmpa1_1	CMPA1
BV:17	Compressor A2 Relay	R			0 - 1	cmpa2_1	CMPA2
BV:18	Compressor B1 Relay	R			0 - 1	cmpb1_1	CMPB1
BV:19	Compressor B2 Relay	R			0 - 1	cmpb2_1	CMPB2
BV:20	Cool Mode Not In Effect?	R			0 - 1	cool_off_1	COOL_OFF
BV:21	Condenser Fan Output 2	R			0 - 1	condfan2_1	CONDFAN2
BV:22	Supply Fan not on 30s ?	R			0 - 1	sfonstat_1	SFONSTAT
BV:23	Condenser Fan Output 3	R			0 - 1	condfan3_1	CONDFAN3
BV:24	Condenser Fan Output 4	R			0 - 1	condfan4_1	CONDFAN4
BV:25	DBC - OAT Lockout?	R			0 - 1	dbc_stat_1	DBC_STAT
BV:26	DCV Resetting Min Pos	R			0 - 1	modeadc_1	MODEADC
BV:27	DDBC- OAT > RAT Lockout?	R			0 - 1	ddbcstat_1	DDBCSTAT
BV:28	DEC - Diff.Enth.Lockout?	R			0 - 1	dec_stat_1	DEC_STAT
BV:29	Dehumid. Disabled Econ.?	R			0 - 1	dhdiscabl_1	DHDISABL
BV:30	Dehumidify Input	W			0 - 1	dhdiscin_1	DHDISCIN
BV:31	Demand Limit In Effect	R			0 - 1	modedmlt_1	MODEDMLT
BV:32	DEW - OA Dewpt.Lockout?	R			0 - 1	dew_stat_1	DEW_STAT
BV:34	Econ Act. Unavailable?	R			0 - 1	econunav_1	ECONUNAV
BV:35	Econ disable in DH mode?	W		Yes	0 - 1	dhecdisa_1	DHECDISA
BV:36	Economizer Active?	R			0 - 1	ecactive_1	ECACTIVE
BV:37	Currently Occupied	R			0 - 1	modeoccp_1	MODEOCCP
BV:38	Economizer Forced ?	R			0 - 1	econforc_1	ECONFORC

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NETWORK POINTS LIST (cont)

BACNET OBJECT ID	POINT DESCRIPTION	READ/ WRITE	UNITS	DEFAULT VALUE	RANGE	BACNET OBJECT NAME	POINT NAME
BV:39	Currently Occupied ?	R			0 - 1	mode_occ_1	MODE_OCC
BV:40	Enth. Switch Read High ?	W			0 - 1	enth_1	ENTH
BV:41	Freeze Status Switch	W			0 - 1	frz_1	FRZ
BV:42	Econ Recovery Hold Off?	R			0 - 1	econheld_1	ECONHELD
BV:44	EDT Sensor Bad ?	R			0 - 1	edt_stat_1	EDT_STAT
BV:45	Emergency Stop	W			0 - 1	emstop_1	EMSTOP
BV:46	Humidifier Relay	R			0 - 1	humidrlly_1	HUMIDRLY
BV:47	HumidiMizer 3-way Valve	R			0 - 1	hum3wval_1	HUM3WVAL
BV:48	Plenum Press.Safety Sw.	W			0 - 1	pps_1	PPS
BV:49	Power Exhaust Relay 1	R			0 - 1	pe1_1	PE1
BV:50	Fan Fail Shuts Down Unit	W		No	0 - 1	sfs_shut_1	SFS_SHUT
BV:51	Power Exhaust Relay 2	R			0 - 1	pe2_1	PE2
BV:52	Heat Relay 1	R			0 - 1	hs1_1	HS1
BV:53	Heat Relay 2	R			0 - 1	hs2_1	HS2
BV:54	SPT Override Enabled ?	W		Yes	0 - 1	spt_over_1	SPT_OVER
BV:55	Hi Limit Switch Tmp Mode	R			0 - 1	limtmode_1	LIMTMODE
BV:56	IAQ Pre-Occ Purge Active	R			0 - 1	modeiqpg_1	MODEIQPG
BV:58	LAT Cutoff Mode	R			0 - 1	latcmode_1	LATCMODE
BV:59	Local Machine Disable	W			0 - 1	unitstop_1	UNITSTOP
BV:61	Low Temp Cap Override	R			0 - 1	low_temp_1	LOW_TEMP
BV:63	Mech Cooling Locked Out	R			0 - 1	modelock_1	MODELOCK
BV:67	OAEC- OA Enth Lockout?	R			0 - 1	oaecstat_1	OAECSTAT
BV:68	OAQ Lockout In Effect ?	R			0 - 1	oaqlockd_1	OAQLOCKD
BV:69	OAT Sensor Bad ?	R			0 - 1	oat_stat_1	OAT_STAT
BV:70	Occupied Heating Enabled	W		No	0 - 1	htoccena_1	HTOCCENA
BV:75	Pull Down Cap Override	R			0 - 1	pulldown_1	PULLDOWN
BV:76	Relay 3 W1 Gas Valve 2	R			0 - 1	hs3_1	HS3
BV:77	Relay 4 W2 Gas Valve 2	R			0 - 1	hs4_1	HS4
BV:78	Relay 5 W1 Gas Valve 3	R			0 - 1	hs5_1	HS5
BV:79	Relay 6 W2 Gas Valve 3	R			0 - 1	hs6_1	HS6
BV:81	Remote Input State	W			0 - 1	rmtin_1	RMTIN
BV:86	Slow Change Cap Override	R			0 - 1	slo_chng_1	SLO_CHNG
BV:87	Soft Stop Request	W			0 - 1	softstop_1	SOFTSTOP
BV:93	Supply Air Reset	R			0 - 1	modesars_1	MODESARS
BV:95	Supply Fan Status Switch	W			0 - 1	sfs_1	SFS
BV:96	Temp Compensated Start	R			0 - 1	modetctst_1	MODETCST
BV:97	Timed Override In Effect	R			0 - 1	modetovr_1	MODETOVR
BV:98	Timed-Override in Effect	R			0 - 1	overlast_1	OVERLAST
BV:105	Element Communications Alarm	R				comm_lost_alm_1	
BV:127	Equipment Alarm	R				element_alarm_1	
BV:1005	Fire Shutdown Input	W			0 - 1	firedown_status_1	FSD
BV:1006	Demand Limit Switch 1	W			0 - 1	dmd_sw1_1	DMD_SW1
BV:1007	Demand Limit Switch 2	W			0 - 1	dmd_sw2_1	DMD_SW2
BV:1017	Thermostat Y1 Input	W			0 - 1	y1_input_1	Y1
BV:1018	Thermostat Y2 Input	W			0 - 1	y2_input_1	Y2
BV:1019	Thermostat W1 Input	W			0 - 1	w1_input_1	W1
BV:1020	Thermostat W2 Input	W			0 - 1	w2_input_1	W2
BV:1021	Thermostat G Input	W			0 - 1	g_input_1	G
BV:1026	Heat Interlock Relay	W			0 - 1	heat_interlock_relay_1	HIR
BV:1050	IAQ - Discrete Input	W			0 - 1	iaq_status_1	IAQIN
BV:1052	Filter Status Input	W			0 - 1	filter_status_1	FLTS
BV:1060	Evacuation Input	W			0 - 1	smk_evac_1	EVAC
BV:1061	Pressurization Input	W			0 - 1	smk_press_1	PRES
BV:1062	Smoke Purge Input	W			0 - 1	smk_purg_1	PURG

See legend on page 221.

APPENDIX F — UPC OPEN CONTROLLER (cont)

NETWORK POINTS LIST (cont)

BACNET OBJECT ID	POINT DESCRIPTION	READ/ WRITE	UNITS	DEFAULT VALUE	RANGE	BACNET OBJECT NAME	POINT NAME
BV:2001	Supply Fan Relay	R			0 - 1	sfan_1	SFAN
BV:2004	Supply Fan Request	W			0 - 1	sfan_forc_1	SFANFORC
BV:2008	Occupied?	W			0 - 1	occ_status_1	OCCUPIED
BV:2014	Remote Alarm/Aux Relay	W			0 - 1	aux_relay_1	ALRM
BV:2911	User Defined Binary 1	W				user_binary_1_1	
BV:2912	User Defined Binary 2	W				user_binary_2_1	
BV:2913	User Defined Binary 3	W				user_binary_3_1	
BV:2914	User Defined Binary 4	W				user_binary_4_1	
BV:2915	User Defined Binary 5	W				user_binary_5_1	
BV:2999	Element Comm Status	R				element_stat_1	
BV:7030	Airside Linkage Alarm	R				air_linkage_fail_1	

LEGEND

BP	— Building Pressure
DDBC	— Differential Dry Bulb Changeover
DEC	— Differential Enthalpy Changeover
EDT	— Evaporator Discharge Temperature
EXV	— Electronic Expansion Valve
IAQ	— Indoor Air Quality
IGV	— Inlet Guide Vanes
LAT	— Leaving Air Temperature
n/a	— Not Available
OAEC	— Outdoor Air Enthalpy Changeover
OAT	— Outdoor Air Temperature
R	— Read
RAT	— Return Air Temperature
RH	— Relative Humidity
SASP	— Supply Air Set Point
SPT	— Space Temperature
VAV	— Variable Air Volume
VFD	— Variable Frequency Drive
W	— Write