

DDC POINTS LIST

DESCRIPTION	DEVICE	INPUTS		OUTPUTS		ALARMS		REMARKS
		ANALOG	DIGITAL	ANALOG	DIGITAL	ANALOG	DIGITAL	
AIR HANDLING UNITS AHU-2, AHU-3								
SUPPLY FAN VFD START/STOP	CR				X			
SUPPLY FAN VFD SPEED CONTROL	AUX			X				
SUPPLY FAN VFD STATUS	CS		X			X		
SUPPLY FAN VFD ALARM	AUX		X			X		
SUPPLY AIR TEMP	TS	X				X		
SUPPLY AIRFLOW (CFM)	AMU	X		X		X		
SUPPLY AIR DUCT STATIC PRESSURE	DPS	X				X		
CHILLED WATER CONTROL VALVE	TCV			X				
HEATING WATER CONTROL VALVE	TCV			X				
PRE-FILTER STATUS	DPS	X				X		
FINAL FILTER STATUS	DPS	X				X		
FREEZE PROTECTION THERMOSTAT	FPT		X			X		
SUPPLY AIR TEMP – DOWNSTREAM HRC	TS	X						
SUPPLY AIR TEMP – DOWNSTREAM HC	TS	X						
HEAT RECOVERY CONTROL VALVE	TCV			X				
HEAT RECOVERY WATER SUPPLY TEMP	TS	X				X		
HEAT RECOVERY WATER RETURN TEMP	TS	X				X		
FREEZE PROTECTION THERMOSTAT	FPT		X			X		
HEATING COIL CIRCULATION PUMP START/STOP	CR				X			
HEATING COIL CIRCULATION PUMP STATUS	CS		X			X		
SUPPLY FAN HIGH STATIC PRESSURE SHUTDOWN	DPH		X			X		
SMOKE DETECTOR (BY DIVISION 16)	SD					X		
OUTSIDE AIR DAMPER	MOD				X			
OUTSIDE AIR DAMPER POSITION	ES		X			X		
AHU-1, AHU-4								
SUPPLY FAN VFD START/STOP	CR				X			
SUPPLY FAN VFD SPEED CONTROL	AUX			X				
SUPPLY FAN VFD STATUS	CS		X					
SUPPLY FAN VFD ALARM	AUX		X					FAIL
SUPPLY AIR TEMPERATURE	TS	X						X
MIXED AIR TEMPERATURE	TS	X						X
SUPPLY AIR DUCT STATIC PRESSURE	DPS	X		X		X		
SUPPLY AIRFLOW (CFM)	AMU	X		X		X		
OUTSIDE AIR DAMPER POSITION	MOD			X				
OUTSIDE AIR , AIRFLOW (CFM)	AMU	X		X		X		
CHILLED WATER COIL VALVE	TCV			X				
HEATING WATER COIL VALVE	TCV			X				
PRE-FILTER STATUS	DP		X					DIRTY
FINAL FILTER STATUS	DP		X					DIRTY
SUPPLY AIR DUCT SMOKE DETECTOR	SD		X					X
DIFFERENTIAL PRESSURE (LOW)	DPL		X					X
DIFFERENTIAL PRESSURE (HIGH)	DPH		X					X
FREEZE PROTECTION THERMOSTAT	FPT		X					LO TEMP
REF-1, REF4								
RETURN FAN VFD START/STOP	CR				X			
RETURN FAN VFD SPEED CONTROL	AUX			X				
RETURN FAN VFD STATUS	CS		X					
RETURN FAN VFD ALARM	AUX		X					FAIL
RETURN AIR TEMPERATURE	TS	X						X
RETURN AIRFLOW (CFM)	AMU	X		X		X		
EXHAUST AIR DAMPER POSITION	MOD			X				
RETURN AIR DAMPER POSITION	MOD			X				
RETURN AIR DUCT SMOKE DETECTOR	SD		X					X
EF-2, EF-3								
EXHAUST FAN VFD START/STOP	CR				X			
EXHAUST FAN VFD SPEED CONTROL	AUX			X				
EXHAUST FAN VFD STATUS	CS		X			X		
EXHAUST FAN VFD ALARM	AUX		X			X		
EXHAUST AIR DUCT STATIC PRESSURE	DPS	X				X		
EXHAUST FILTER STATUS	DPS	X				X		
EXHAUST INTAKE TEMP	TS	X						
EXHAUST AIRFLOW (CFM)	AMU	X		X		X		
EXHAUST DISCHARGE TEMP	TS	X						
HEAT RECOVERY WATER SUPPLY TEMP	TS	X				X		
HEAT RECOVERY WATER RETURN TEMP	TS	X				X		
AHU-5								
SUPPLY FAN VFD START/STOP	CR				X			
SUPPLY FAN VFD SPEED CONTROL	AUX			X				
SUPPLY FAN VFD STATUS	CS		X					
SUPPLY FAN VFD ALARM	AUX		X					FAIL
SUPPLY AIR TEMPERATURE	TS	X						X
FREEZE PROTECTION THERMOSTAT	FPT		X			X		
SUPPLY AIR DUCT STATIC PRESSURE	DPS	X		X		X		
SUPPLY AIRFLOW (CFM)	AMU	X		X		X		
OUTSIDE AIR DAMPER POSITION	MOD			X				
OUTSIDE AIR , AIRFLOW (CFM)	AMU	X		X		X		
CHILLED WATER COIL VALVE	TCV			X				
HEATING WATER COIL VALVE	TCV			X				
PRE-FILTER STATUS	DP		X					DIRTY
SUPPLY AIR DUCT SMOKE DETECTOR	SD		X					X
DIFFERENTIAL PRESSURE (LOW)	DPL		X					X
DIFFERENTIAL PRESSURE (HIGH)	DPH		X					X
FREEZE PROTECTION THERMOSTAT	FPT		X					LO TEMP
EF-5								
EXHAUST FAN VFD START/STOP	CR				X			
EXHAUST FAN VFD SPEED CONTROL	AUX			X				
EXHAUST FAN VFD STATUS	CS		X			X		
EXHAUST FAN VFD ALARM	AUX		X			X		
EXHAUST AIR DUCT STATIC PRESSURE	DPS	X				X		
EXHAUST AIRFLOW (CFM)	AMU	X		X		X		
REFRIGERANT LEAK DETECTION SYSTEM								
REFRIGERANT MONITORING	AUX	X				X		
AHU-9								
SUPPLY FAN VFD START/STOP	CR				X			
SUPPLY FAN VFD SPEED CONTROL	AUX			X				
SUPPLY FAN VFD STATUS	CS		X					
SUPPLY FAN VFD ALARM	AUX		X					FAIL

DDC POINTS LIST

DESCRIPTION	DEVICE	INPUTS		OUTPUTS		ALARMS		REMARKS
		ANALOG	DIGITAL	ANALOG	DIGITAL	ANALOG	DIGITAL	
SUPPLY AIR TEMPERATURE	TS	X					X	
FREEZE PROTECTION THERMOSTAT	FPT		X			X		
SUPPLY AIR DUCT STATIC PRESSURE	DPS	X		X		X		
SUPPLY AIRFLOW (CFM)	AMU	X		X		X		
CHILLED WATER COIL VALVE	TCV			X				
PRE-FILTER STATUS	DP		X					DIRTY
SUPPLY AIR DUCT SMOKE DETECTOR	SD		X				X	
RETURN AIR DAMPER POSITION	MOD			X				
OUTSIDE AIR DAMPER POSITION	MOD			X				
SUPPLY AIR TEMPERATURE-ELEC RM 5007	TS	X			X	X		
SUPPLY AIR TEMPERATURE-ELEC RM 5009	TS	X			X	X		
REF-8								
RETURN FAN VFD START/STOP	CR				X			
RETURN FAN VFD SPEED CONTROL	AUX			X				
RETURN FAN VFD STATUS	CS		X			X		
RETURN FAN VFD ALARM	AUX		X			X		
RETURN AIR DUCT STATIC PRESSURE	DPS	X				X		
RELIEF/EXHAUST AIR DAMPER POSITION	MOD			X				
AHU-8, AHU-11, AHU-12								
SUPPLY FAN VFD START/STOP	CR				X			
SUPPLY FAN VFD SPEED CONTROL	AUX			X				
SUPPLY FAN VFD STATUS	CS		X					
SUPPLY FAN VFD ALARM	AUX		X					FAIL
SUPPLY AIR TEMPERATURE	TS	X						X
SUPPLY AIR DUCT STATIC PRESSURE	DPS	X		X		X		
SUPPLY AIRFLOW (CFM)	AMU	X		X		X		
CHILLED WATER COIL VALVE	TCV			X				
PRE-FILTER STATUS	DP		X					DIRTY
SUPPLY AIR DUCT SMOKE DETECTOR	SD		X				X	
SUPPLY AIR TEMPERATURE	TS	X			X	X		
GENERAL EXHAUST: EF-1, EF-4A, EF-4B								
EXHAUST FAN START/STOP	CR				X			
EXHAUST FAN STATUS	CS		X			X		
EXHAUST FAN ALARM	AUX		X			X		
EXHAUST AIR DUCT STATIC PRESSURE	DPS	X				X		
ISOLATION ROOM EXHAUST: EF-9, EF-10								
EXHAUST FAN VFD START/STOP	CR				X			
EXHAUST FAN VFD SPEED CONTROL	AUX			X				
EXHAUST FAN VFD STATUS	CS		X			X		
EXHAUST FAN VFD ALARM	AUX		X			X		
EXHAUST AIR DUCT STATIC PRESSURE	DPS	X				X		
PHARMACY FUME HOOD EXHAUST: EF-11								
EXHAUST FAN VFD START/STOP	CR				X			
EXHAUST FAN VFD SPEED CONTROL	AUX			X				
EXHAUST FAN VFD STATUS	CS		X			X		
EXHAUST FAN VFD ALARM	AUX		X			X		
EXHAUST AIR DUCT STATIC PRESSURE	DPS	X				X		
HOOD FILTER STATUS	DP		X					DIRTY
PRESSURIZATION FANS: PSF-1, PSF-2, PSF-3								
EXHAUST FAN VFD START/STOP	CR				X			SIGNAL FROM FIRE ALARM SYSTEM
EXHAUST FAN VFD SPEED CONTROL	AUX			X				
EXHAUST FAN VFD STATUS	CS		X			X		
EXHAUST FAN VFD ALARM	AUX		X			X		
EXHAUST AIR DUCT STATIC PRESSURE	DPS	X				X		
GARAGE EXHAUST: GEF-1								
EXHAUST FAN VFD START/STOP	CR				X			
EXHAUST FAN VFD SPEED CONTROL	AUX			X				INTERLOCKED WITH CO SYSTEM
EXHAUST FAN VFD STATUS	CS		X			X		
EXHAUST FAN VFD ALARM	AUX		X			X		
EXHAUST AIR DUCT STATIC PRESSURE	DPS	X				X		
CARBON MONOXIDE MONITORING SYSTEM								
CO SENSORS/MONITORING PANEL	AUX	X				X		
CONSTANT VOLUME AIR TERMINALS								
PRIMARY AIR DAMPER	MOD				X			
HEATING WATER COIL VALVE	TCV				X			
PRIMARY AIRFLOW (CFM)	DPS	X				X		
SPACE TEMPERATURE	T	X				X		
SUPPLY AIR TEMPERATURE	TS	X			X	X		
ISOLATION ROOMS-ANTE AND EXAM								
ROOM PRESSURE MONITOR	DPS	X				X		EXAM ROOM TO CORRIDOR
ROOM PRESSURE MONITOR	DPS	X				X		PATIENT ROOM TO ANTE ROOM
PHARM ANTE ROOM 4042								
ROOM PRESSURE MONITOR	DPS	X				X		
PHARM CHEMO 4044								
SPACE TEMP	T	X				X		
SPACE HUMIDITY	H		X			X		
ROOM PRESSURE MONITOR	DPS	X				X		
PHARM CLEAN 4043								
SPACE TEMP	T	X				X		
SPACE HUMIDITY	H		X			X		
ROOM PRESSURE MONITOR	DPS	X				X		
UNIT HEATERS: UH-1, UH-2, UH-3, UH-4								
FAN START/STOP	CR				X			
FAN STATUS	CS	X						
HEATING WATER COIL VALVE	TCV				X			
SPACE TEMPERATURE	T	X				X		
ROOFTOP AC UNIT: RTU-1								
SPACE TEMPERATURE	T	X				X		HIGH TEMPERATURE ALARM
UNIT ENABLE/DISABLE	AUX		X					
UNIT STATUS	AUX		X				X	UNIT GENERAL ALARM
AIR CONDITIONING UNITS-SPLIT SYSTEMS								
SPACE TEMPERATURE	T	X				X		HIGH TEMPERATURE ALARM
UNIT ENABLE/DISABLE	AUX		X					
UNIT STATUS	AUX		X				X	