

Subject: CMCN BACnet Points List

BACnet Object ID = Object Type + Instance Number (instance number nomenclature below)

1st two digits: 01-50, 99
Identifies the BAC-HD150
(most often "01")

2nd two digits: 01-50, 99
Identifies the group

3rd two digits: 01-50, 99
Identifies the control point

Control Item	Object type	Instance number	Unit				
			Inactive	Active			
			Text-1	Text - 2	Text - 3	Text - 4	Text - 5
On / Off Setup	BO	xxxx01	Stop	Run			
On / Off State	BI	xxxx02	Stop	Run			
Alarm Signal	BI	xxxx03	Normal	Error			
Error Code	MI	xxxx04	Normal	01: Normal 02: Other errors 03: Refrigeration system fault 04: Water system error 05: Air system error		06: Electronic system Error 07: Sensor fault 08: Communication error 09: System error	
Operational Mode Setup	MO	xxxx05	Cooling	Heating	Fan	Auto	Dry
Operational Mode State	MI	xxxx06	Cooling	Heating	Fan		Dry
Fan Speed Setup	MO	xxxx07	Low	High	Mid 2	Mid 1	
Fan Speed State	MI	xxxx08	Low	High	Mid 2	Mid 1	
Room Temp (Water Temp)	AI	xxxx09	°F/°C				
Set Temp (Set Water Temp)	AV	xxxx10	°F/°C				
Filter Sign (Circulating Water Exchange Sign Reset)	BI	xxxx11	OFF	ON			
Filter Sign Reset (Circulating Water Exchange Sign Reset)	BV	xxxx12	Reset	Void			
Prohibition On / Off	BV	xxxx13	Permit	Prohibit			
Prohibition Mode	BV	xxxx14	Permit	Prohibit			
Prohibition Filter Sign Reset (Prohibition Circulating Water Exchange Sign Reset)	BV	xxxx15	Permit	Prohibit			
Prohibition Set Temp	BV	xxxx16	Permit	Prohibit			
M-NET Communication State	BI	xxxx20	Normal	Error			
System Forced Off	BV	xxxx21	Reset	Execute			
Air Direction Setup	MO	xxxx22	Horizontal	Downblow 60%	Downblow 80%	Downblow 100%	Swing
Air Direction State	MI	xxxx23	Horizontal	Downblow 60%	Downblow 80%	Downblow 100%	Swing
Ventilation Mode Setup	MO	xxxx35	Heat Exchange	Bypass	Auto		
Ventilation Mode State	MI	xxxx36	Heat Exchange	Bypass	Auto		
Air to Water Mode Setup	MO	xxxx37	Heating	Heating ECO	Hot Water	Antifreeze	Cooling
Air to Water Mode State	MI	xxxx38	Heating	Heating ECO	Hot Water	Antifreeze	Cooling
Expansion Controller Communication State	BI	xx9981	Normal	Error			

Fig. 1 above illustrates BACnet points list for each control item

