

## POINTS

The table in this section contains points available for integration in a building management system (BMS). The following table is a list of points for open BACnet integration.

### Theris BACnet Points Available for Integration

Object Instance	Functional Description	Read or Write	TX-RTN	TP	SO/EO
<i>Alarms</i>					
BV-0	Supply Flow Alarm	Read Only	X	X	X
BV-3	Supply Jam Alarm	Read Only	X	X	X
BV-1	Exhaust Flow Alarm	Read Only	X	X	
BV-4	Exhaust Jam Alarm	Read Only	X	X	
BV-2	Return Flow Alarm	Read Only	X		
BV-5	Return Jam Alarm	Read Only	X		
BV-46	Sensor Fail Alarm	Read Only	X	X	X
<i>Temperature Control</i>					
AV-26	Effective Room Temperature	Read Only	X	X	X
AV-90	Occupied Temperature Setpoint	Read/Write	X	X	X
AV-93	Occupied Temperature Deadband	Read/Write	X	X	X
AV-87	Unoccupied Heating Setpoint	Read/Write	X	X	X
AV-88	Unoccupied Cooling Setpoint	Read/Write	X	X	X
AV-105	Setpoint Lever Range	Read/Write	X	X	X
AV-29	Effective Heating Setpoint	Read Only	X	X	X
AV-30	Effective Cooling Setpoint	Read Only	X	X	X
AV-21	Heating Demand Signal	Read Only	X	X	X
AV-22	Cooling Demand Signal	Read Only	X	X	X
AV-27	Primary Heating Coil Command	Read Only	X	X	X
BV-50	Optimum Start Heating	Read/Write	X	X	X
BV-51	Optimum Start Cooling	Read/Write	X	X	X
BV-48	Heating Enable	Read/Write	X	X	X
BV-49	Cooling Enable	Read/Write	X	X	X
AV-94	Auxiliary Temperature Offset	Read/Write	X	X	X
AV-23	Auxiliary Temperature Independent Setpoint	Read/Write	X	X	X
AV-28	Auxiliary Temperature Control %	Read Only	X	X	X
AV-9 <sup>1</sup>	Discharge Air Temperature	Read Only			X
<i>Valve Flow Control</i>					
AV-57	Supply Airflow Command	Read Only	X	X	
AV-60 <sup>2</sup>	Effective Supply Airflow	Read Only	X	X	

## Theris BACnet Points Available for Integration (Continued)

Object Instance	Functional Description	Read or Write	TX-RTN	TP	SO/EO
AV-44	Supply Low Limit (selectable units)	Read Only	X	X	X
AV-45	Supply High Limit (selectable units)	Read Only	X	X	X
AV-58	Exhaust Airflow Command	Read Only	X	X	
AV-61	Effective Exhaust Airflow	Read Only	X	X	
AV-52	Exhaust Low Limit (selectable units)	Read Only	X	X	
AV-53	Exhaust High Limit (selectable units)	Read Only	X	X	
AV-59 <sup>3</sup>	Return Airflow Command	Read Only	X		
AV-62	Effective Return Airflow	Read Only	X		
AV-46	Return Low Limit (selectable units)	Read Only	X		
AV-54	Return High Limit (selectable units)	Read Only	X		
AV-59 <sup>3</sup>	Airflow Command				X
AV-60 <sup>2</sup>	Effective Airflow	Read Only			X
<i>Zone Balance Control</i>					
AV-65	Offset Setpoint	Read/Write	X	X	
AV-56	Effective Offset	Read Only	X	X	
AV-15	Effective Offset Status	Read Only	X	X	
AV-48	Minimum Airflow - Occupied	Read/Write	X	X	X
AV-49	Minimum Airflow - Unoccupied	Read/Write	X	X	X
AV-55	Effective Minimum Airflow	Read Only	X	X	X
AV-33 <sup>4</sup>	Constant Volume Supply Airflow	Read/Write	X	X	X
AV-34	Constant Volume Exhaust Airflow	Read/Write	X	X	
AV-35	Constant Volume Return Airflow	Read/Write	X		
BV-54	Exhaust Override Enable	Read/Write	X	X	
AV-63	Exhaust Override Command (Flow %)	Read/Write	X	X	
BV-55	Return Override Enable	Read/Write	X		
AV-64	Return Override Command (Flow %)	Read/Write	X		
AV-10 <sup>5</sup>	Additional VAV Supply/Exhaust Flow from AI-7	Read Only			X
<i>Occupancy Control</i>					
BV-40	Occupancy Command	Read/Write	X	X	X
BV-67	Occupied Status	Read Only	X	X	X
BV-66	Bypass Mode Status	Read Only	X	X	X
AV-98	Bypass Time (hours)	Read/Write	X	X	X
AV-97	Bypass Time Remaining (hours)	Read Only	X	X	X
<i>Humidity Control</i>					
AV-17	Humidification Setpoint	Read/Write	X		

## Theris BACnet Points Available for Integration (Continued)

Object Instance	Functional Description	Read or Write	TX-RTN	TP	SO/EO
AV-18	Dehumidification Setpoint	Read/Write	X		
<i>Emergency Mode Control</i>					
BV-28	Emergency Mode 1 Remote Command	Read/Write	X	X	X
BV-34	Emergency Mode 1 Status	Read Only	X	X	X
BV-36	Emergency Mode 1 Shut Off Supply Enable	Read/Write	X		
AV-11	Emergency Mode 1 Override Supply Flow %	Read/Write	X	X	X
BV-29	Emergency Mode 2 Remote Command	Read/Write	X	X	X
BV-35	Emergency Mode 2 Status	Read Only	X	X	
BV-37	Emergency Mode 2 Shut Off Supply Enable	Read/Write	X		
AV-12	Emergency Mode 2 Override Supply Flow %	Read/Write	X	X	X
BV-30	Emergency Mode 3 Remote Command	Read/Write	X	X	X
BV-52	Emergency Mode 3 Status	Read Only		X	
BV-38	Emergency Mode 3 Shut Off Supply Enable	Read/Write	X		
AV-13	Emergency Mode 3 Override Supply Flow %	Read/Write	X	X	X
BV-31	Emergency Mode 4 Remote Command	Read/Write	X	X	X
BV-53	Emergency Mode 4 Status	Read Only		X	
BV-39	Emergency Mode 4 Shut Off Supply Enable	Read/Write	X	X	
AV-14	Emergency Mode 4 Override Supply Flow %	Read/Write	X	X	X
BV-32	Pandemic Mode Remote Command	Read/Write	X	X	
BV-33	Pandemic Mode Status	Read Only	X	X	
AV-16	Pandemic Offset	Read/Write	X	X	
<i>Device Configuration</i>					
AV-0	MAC Address	Read Only	X	X	X
AV-2	AI-3 input selection	Read/Write	X	X	
AV-9 <sup>1</sup>	Scaled value of AI-3	Read Only	X	X	
AV-3	AI-4 input selection	Read/Write	X	X	
AV-10 <sup>5</sup>	Scaled value of AI-4	Read Only	X	X	
AV-16	AI-9 input selection <sup>6</sup>	Read/Write		X	
AV-18	Scaled value of AI-9	Read Only		X	
AV-17	AI-10 input selection <sup>6</sup>	Read/Write		X	
AV-19	Scaled value of AI-10	Read Only		X	
AV-1	Units displayed	Read Only	X	X	X
BV-13	Metric Airflow Units Select	Read/Write	X	X	X
BV-69	English/Metric Mode Select	Read/Write	X	X	X

Notes:

1. AV-9 represents the scaled value of Multi-use Input 3 on TX/TP and Discharge Air Temp on SO/EO models.
2. AV-60 represents Eff Sup Flow on TX/TP and Eff Sup/Exh Flow on SO/EO models.
3. AV-59 represents Return Air Flow Command on TX and Sup/Exh Air Flow Command on SO/EO models.
4. AV-33 represents Constant Volume Sup Flow on TX/TP and Constant Volume Sup/Exh Flow on SO/EO models.
5. AV-10 represents Scaled value of AI-4 on TX/TP and Add'l VAV Sup/Exh Air Flow on SO/EO models.
6. AV-16 and AV-17 represent AI-9 and AI-10 Multi-use Inputs on TP and the Pandemic Offset and Humidification Set-point (respectively) on TX.