PECO CONTROL SYSTEMS

T8168B-2 BACnet™ IP Connection

Connecting to the Thermostat

Congratulations on your selection of the PECO T8168B-2 Thermostat. These instructions decribe the process for BACnet™ IP Connection.

Connect the T8168B-2 thermostat to power. The display will turn on and the unit will automatically become accessible on Wi-Fi.

Open the internet settings on the phone or device and look for the T8168 network. Actual screen images vary for IOS and Android.

- Select "T8168 xxxxx" (xxxxx can be any 4-5 digits)
- Enter password "12345678"
- Press "Connect"
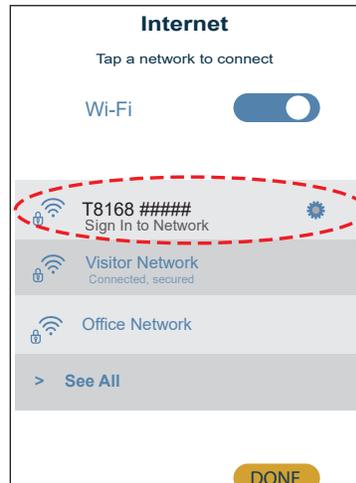- Sign into open BACnet™ Configuration Page at IP Address 10.10.0.1 on the T8168#### network
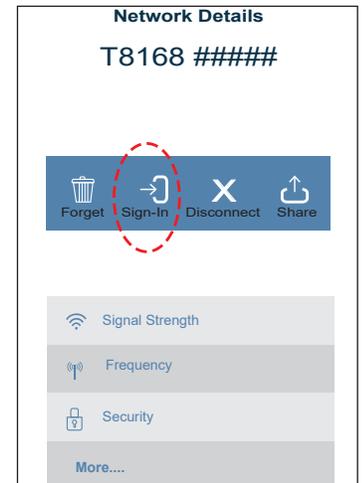
Select T8168 XXXX Network

Enter Password 12345678

Select Sign In to T8168 Network

Sign-In to open BACnet Configuration Page

BACnet™ is a trademark of ASHRAE

P/N 3220-2413   REV 0

BACnet™ Configuration Page Sign In

• Select your available local network, or enter your manual SSID

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Configure PECOStat WiFi

MANUAL CONNECT
Add (Hidden) SSID

OR CHOOSE A NETWORK...	
Building Network	🔒📶
Office Network	🔒📶
Visitor Network	🔒📶
Facilities Network	🔒📶

MS / TP connection parameters

MSTP ADDRESS

BAUDRATE

9600

Connect MS/TP

• Enter your local network password and press "Join"

PECO CONTROL SYSTEMS

Enter Password

PASSWORD FOR FACILITIES NETWORK
Password

Cancel	Join

MS / TP connection parameters

MSTP ADDRESS

BAUDRATE

9600

Connect MS/TP

• Wait for network configuration to be saved and connect to the local network.

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Please Wait...

CONNECT TO INTERNET
Password

Cancel	Join

You may lose Wi-Fi access while the PECOStat recalibrates its radio. Please wait until your device automatically reconnects. This can take up to 30 seconds.

MS / TP connection parameters

MSTP ADDRESS

• After successful connection, select OK

PECO CONTROL SYSTEMS

Please Wait...

CONNECTING TO NETWORK

Success!

OK

MS / TP connection parameters

MSTP ADDRESS

BAUDRATE

9600

Connect MS/TP

• To see your assigned IP Address, select the connected network. Press OK to return to the network screen.

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PECONET

	Disconnect

IP ADDRESS	
IP Address:	192.168.68.52
Subnet Mask:	255.255.252.0
Default Gateway:	192.168.68.1

OK

MS / TP connection parameters

MSTP ADDRESS

BAUDRATE

9600

Connect MS/TP

• To change networks, select Disconnect on the Connected Network screen.

PECO CONTROL SYSTEMS

PECONET

	Disconnect

Are you sure you would like to disconnect from Wi-FI?

No	Yes

IP AD		68.52
IP Add		252.0
Subne		3.68.1
Defau		

OK

MS / TP connection parameters

MSTP ADDRESS

BAUDRATE

9600

Connect MS/TP

• After disconnecting from WiFi, the thermostat must be removed from power and power reapplied for the connection to be available again.

 P/N 3220- 2413 REV 0