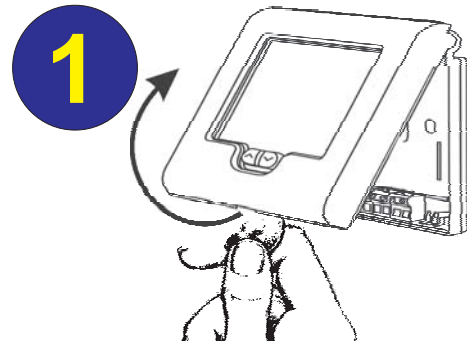
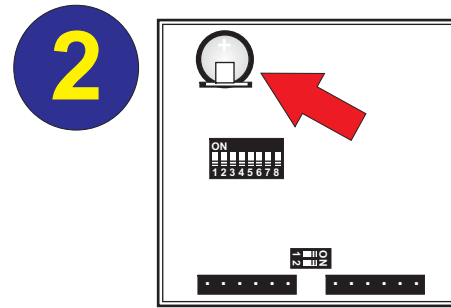


# WEB Comfort™ Thermostat Quick Installation Guide

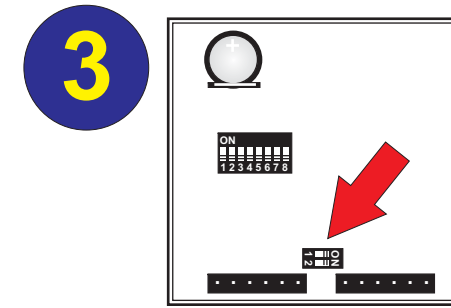
Communicating Thermostats Made Simple



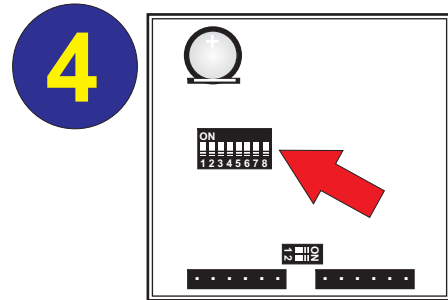
**1** Insert a small coin (dime) in the release slot located on the bottom of the thermostat and gently twist the coin to release the thermostat from the subbase.



**2** Remove the white battery tab.



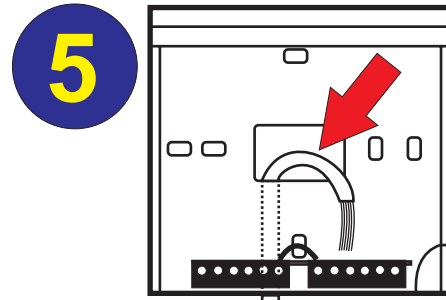
**3** Turn the two Modbus configuration slide switches to ON.



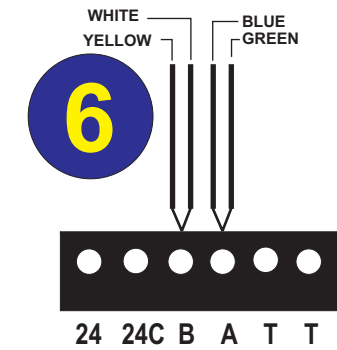
**4** Set the system slide switches to match the HVAC equipment application:

HVAC SYSTEM	SLIDE SWITCH SETTING							
1 HEAT / 1 COOL	1=OFF	2=OFF	3=OFF	4=OFF	5=ON	6=OFF	7=OFF	8=ON
2 HEAT / 2 COOL	1=OFF	2=OFF	3=ON	4=OFF	5=ON	6=OFF	7=OFF	8=ON
2 HEAT / 1 COOL HEAT PUMP (O)*	1=OFF	2=ON	3=OFF	4=OFF	5=ON	6=OFF	7=OFF	8=ON
3 HEAT / 2 COOL HEAT PUMP (O)*	1=OFF	2=ON	3=ON	4=OFF	4=ON	6=OFF	7=OFF	8=ON

\* For heat pump systems that energize the reversing valve on a call for heating (B), turn switch 4 ON.

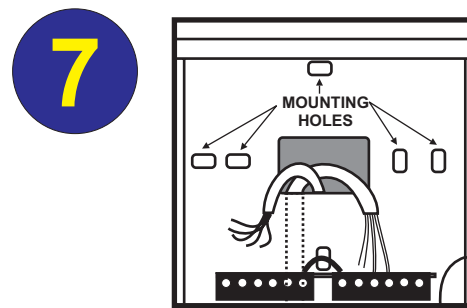


**5** Before mounting the thermostat subbase, take the cable of the thermostat transceiver and pull it through the wire access hole.



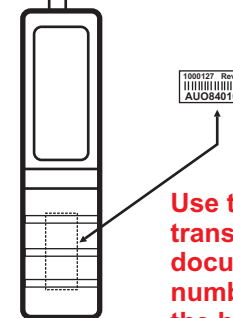
**6** Land only the following wires from the thermostat transceiver at this time.

Terminal	Transceiver Wire
A	Blue & Green
B	White & Yellow

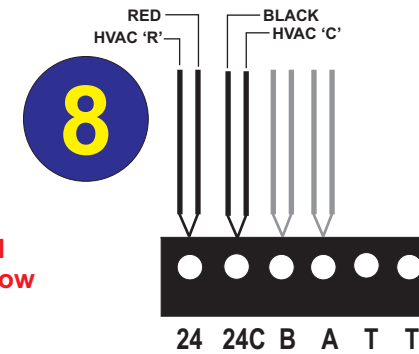


**7** Make an access hole large enough where the HVAC wiring comes through the wall so that the Thermostat Transceiver can be placed into the wall cavity. Carefully position the Thermostat Transceiver into the wall cavity and then secure the subbase using the supplied anchors and screws.

The HVAC 24 Volt power must be OFF during wiring!



Use the provided transceiver log to document the serial number located below the bar code on the back of each transceiver and its location.

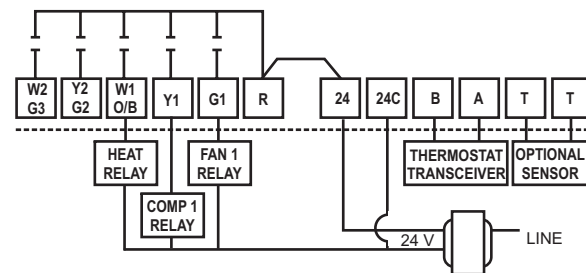


**8** Land the remaining thermostat transceiver wires with the HVAC equipment Hot and Common as follows:

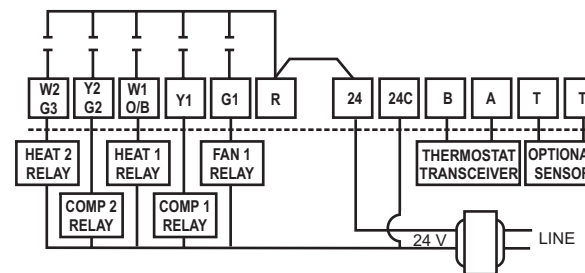
Terminal	HVAC	Transceiver Wire
24C	C	Black
24	R	Red

**9** Land the remaining HVAC wires to the thermostat terminals based on the specific equipment configuration. If an indoor or outdoor remote sensor is used, wire the sensor to the T T terminals. The sensor wiring must be a separate 18-2 cable and should not exceed 200' in length from the sensor to the thermostat.

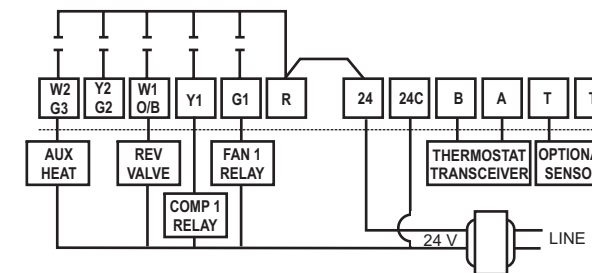
### Single Stage Heat / Cool



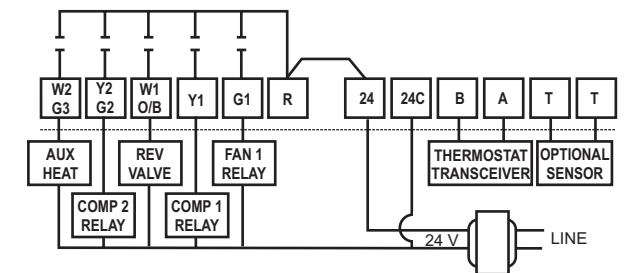
### Multi-Stage Heat / Cool



### 2 Heat / 1 Cool Heat Pump or Dual Fuel



### 3 Heat / 2 Cool Heat Pump or Dual Fuel



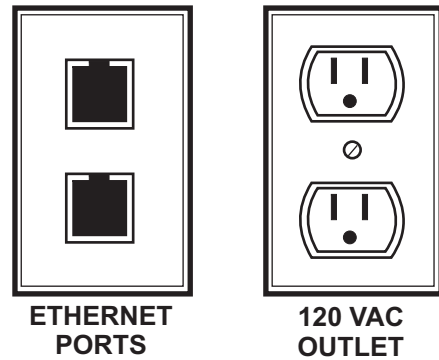
**10** After all wiring is landed, attached the thermostat to the subbase and apply 24 Volt power.

**11** Refer to the thermostat Installation Manual for Advanced Installer settings that might be required for the specific equipment applications as well as confirming that the baud rate is set at 19.2 and the Modbus address is set at 01.

# WEB Comfort™ Thermostat Manager Quick Installation Guide

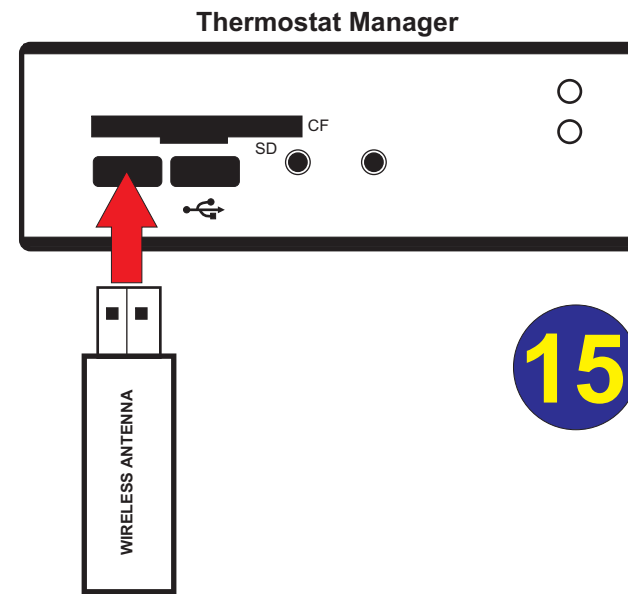
Communicating Thermostats Made Simple

12



Locate the Thermostat Manager near two Ethernet ports which may be located on a wall or at the router or switch. The Thermostat Manager also needs to be plugged into a 120 Volt 50/60 Hz outlet.

13



Carefully remove the Web Comfort™ wireless antenna from its packaging and plug the antenna into a USB port on the front of the Thermostat Manager.

15

To confirm that each Ethernet port is live, connect a PC or Laptop to one of the ports. Click on START then select RUN. Type "cmd" and click OK. You should see a black command window. Type "ipconfig/all" and then hit ENTER. If the port is live, you should see something like the following:

Ethernet adapter Local Area Connection:

```

Connection-specific DNS Suffix . :
Description . . . . . : Broadcom NetXtreme 57xx Gigabit Controller
Physical Address . . . . . : 00-13-72-A0-69
Dhcp Enabled . . . . . : Yes
Autoconfiguration Enabled . . . : Yes
IP Address . . . . . : 192.168.0.32
Subnet Mask . . . . . : 225.225.225.0
Default Gateway . . . : 192.168.0.1
DHCP Server . . . : 192.168.0.1
DNS Servers . . . : 192.168.0.202
                    68.87.72.130
                    68.87.77.130
Primary WINS Server . . . : 192.168.0.202
Lease Obtained . . . : Sunday, November 22, 2009 10:07:24 PM
Lease Expires . . . : Wednesday, November 25, 2009 10:07:24 AM
    
```

DHCP should be enabled and your PC should have an IP address provided by a DHCP server. You should be able to now access the web via Internet Explorer version 7 or 8, Safari or Mozilla Firefox version 3.0.x or 3.5.x.

If you see something as follows, you do not have a live Ethernet port and should consult your IT professional.

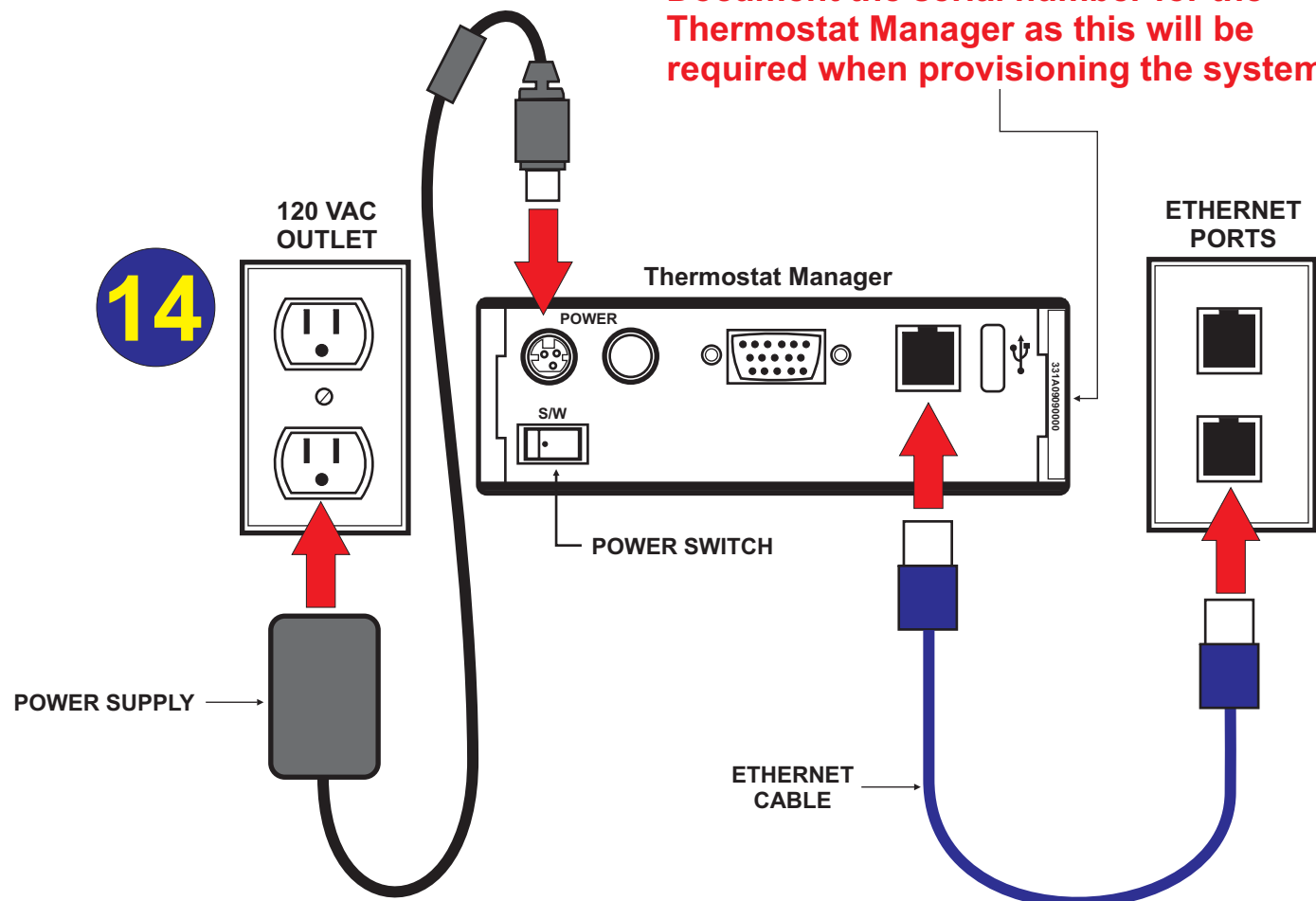
Ethernet adapter Local Area Connection:

```

Media State . . . . . : Media disconnected
Description . . . . . : Broadcom NetXtreme 57xx Gigabit Controller
Physical Address . . . . . : 00-13-72-A0-28-69
    
```

Test the other Ethernet port to confirm that it is live. If both ports are enabled, proceed to Step 16.

14



Document the serial number for the Thermostat Manager as this will be required when provisioning the system.

Plug the provided power supply into the power jack of the Thermostat Manager and into a 120 VAC outlet. Before plugging in the Ethernet cable, confirm that the ports are live.

16

Plug one end of the provided Ethernet cable into the Thermostat Manager and the other end into one of the Ethernet ports. Turn the Thermostat Manager power switch ON. In order to access the Web Comfort™ system, go to [www.mywebcomfort.com](http://www.mywebcomfort.com). Click on the "Start Your Web Comfort System" link. This will redirect you to the Energy Efficiency Web Portal. Enter the username which is the Thermostat Manager serial number and the password which is "admin". This will now bring up the Autani dashboard. You can launch Web Comfort™ for your location by clicking on the appropriate "Launch E2". This will bring up your Thermostat Manager login. The default login is "owner" and the password is "password". You then can modify user names and

17

Once you log into the thermostat manager you will view the main page. This page will allow you to **initiate communications** between the thermostat manager and each thermostat. Highlight a thermostat and click SETUP. Review the setup and make any changes necessary. After all changes are made, click APPLY and then click SAVE. Repeat these steps for each thermostat in your Web Comfort™ system.