Overview

KE2 Therm controllers with an Ethernet connection (including KE2 Evap, KE2 Evap OEM, KE2 Evap-RE2, KE2 Compressor Sequencer OEM, and KE2 Condenser Fan Control) can be managed from a computer via direct Ethernet connection.

Note: Most KE2 Therm controllers without an Ethernet connection, including KE2 Temp, KE2 Low Temp, KE2 Temp + Valve, and KE2 Adaptive can be accessed from a laptop or smart device via a KE2-Edge Manager.
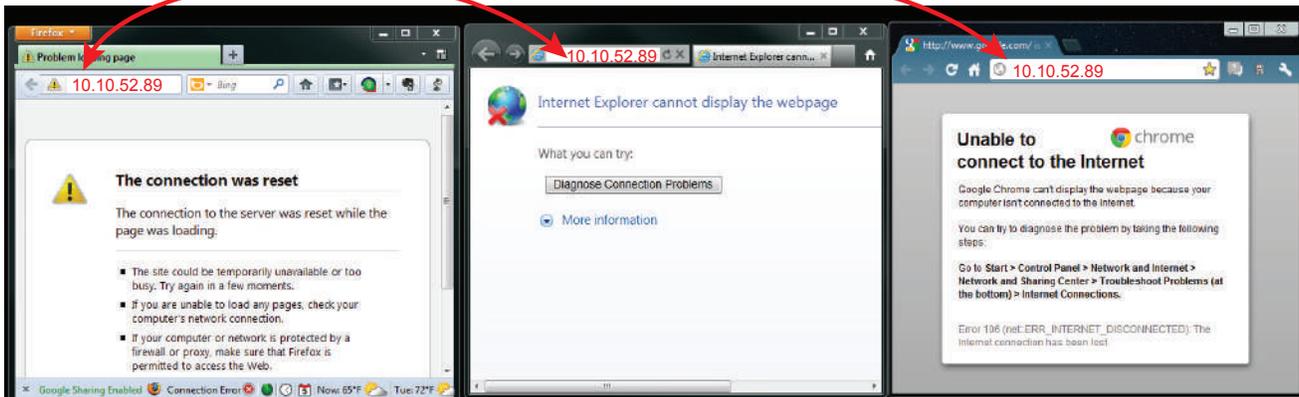
Step 1 Plug one end of an Ethernet cable into your computer and the other end into the controller. Turning off Wi-Fi on your computer is recommended when trying to direct connect via Ethernet. (Note: Ethernet cables are either "straight-through" or "cross-over" and either will work for this connection.)

Step 2 Change the IP address of your computer to a Static IP by following these procedures:
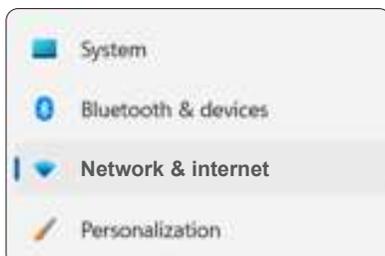
Step 3 Open a web browser (e.g. Edge, Firefox, Google Chrome), ignoring any notices the browser gives indicating it cannot find an internet connection, and type the controller IP address into the browser's address bar).

KE2 Evap IP address here
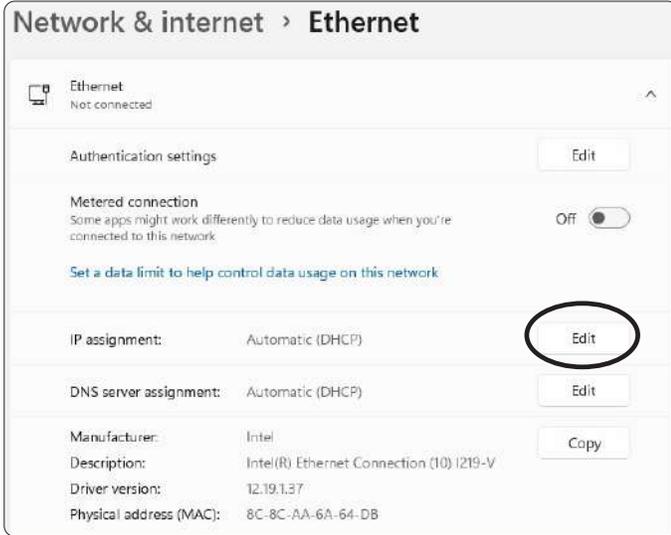

Setting a Static IP address on Windows 11

1 Click on the **Start** button ⊞, then click **Settings** ⚙.
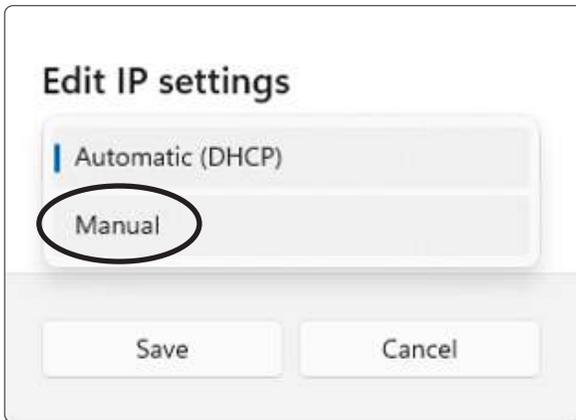
2 Select **Network and Internet**.

3 Click **Ethernet**.

KE2 thermsolutions | **How to:** Direct Connect to your KE2 Therm Controller
for Managing KE2 Therm Ethernet Controllers

④ Click **Edit** next to IP assignment.

⑤ Select **Manual** from the drop down menu.

⑥ Click the slider under **IPv4**.

⑦ Enter the following information as shown in the screenshot, then click **Save**.

IP address: 10.10.255.252

Subnet mask: 255.255.0.0

Gateway: 10.10.255.254

Preferred DNS: 10.10.255.254

Important Note: The values listed above will allow your computer to connect to any controller that is still on its factory assigned 10.10.X.X IP address. If the IP address of the controller has been changed, you will need to look it up via the controller's variables menu and adjust your computer's static IP address settings appropriately. Usually, changing the last number of the IP address is sufficient (Ex. If the controller IP address is 192.168.1.15, you could set your computer to 192.168.1.252).

Note: If the computer will be hardwired to another network later, the process should be reversed to restore the original settings.
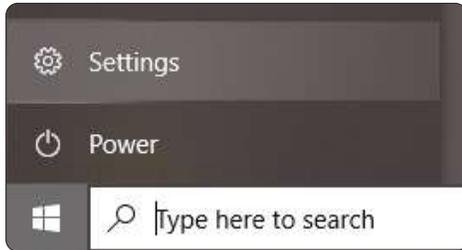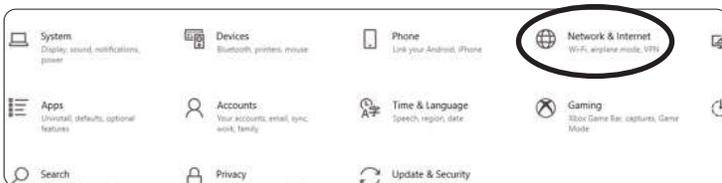
You can now directly connect to the controller!

KE2 thermsolutions | **How to:** Direct Connect to your KE2 Therm Controller
for Managing KE2 Therm Ethernet Controllers
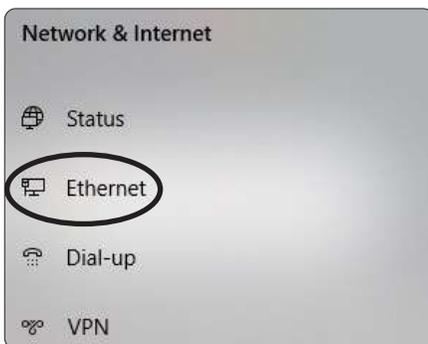
Setting a Static IP address on Windows 10

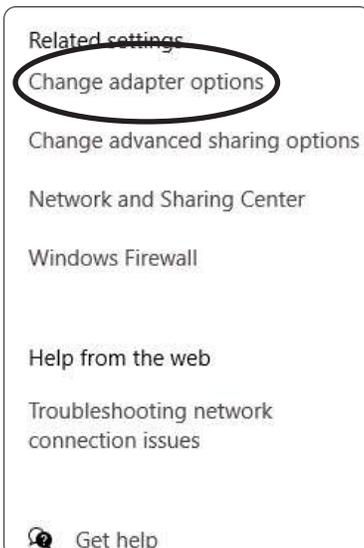**1** Click on the **Start** button ⊞, then click **Settings** ⚙.

2 Click **Network & Internet**.
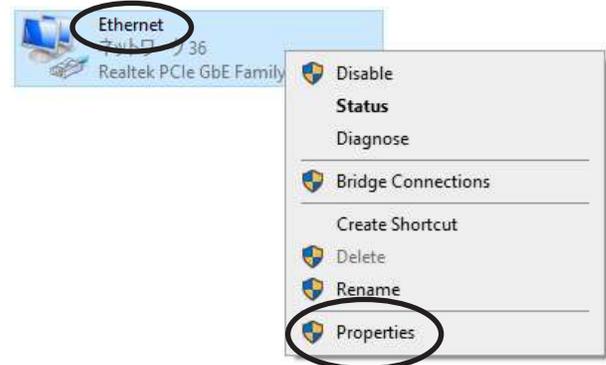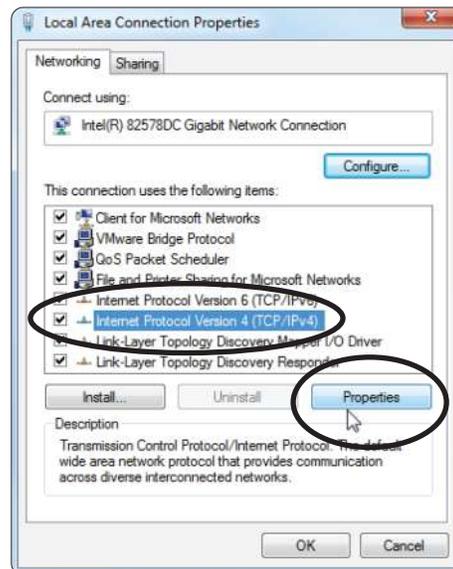

3 Select **Ethernet**.

4 Click **Change adapter options**.

5 Right-click on your **Ethernet** adapter, then select **Properties**. If you have multiple Ethernet adapters, you should right-click on the one that does not show a red X when the Ethernet cable is plugged into the controller.

6 In the Local Area Connection Properties window, highlight **Internet Protocol Version 4 (TCP/IPv4)** then click the **Properties** button.

KE2 **How to:** Direct Connect to your KE2 Therm Controller
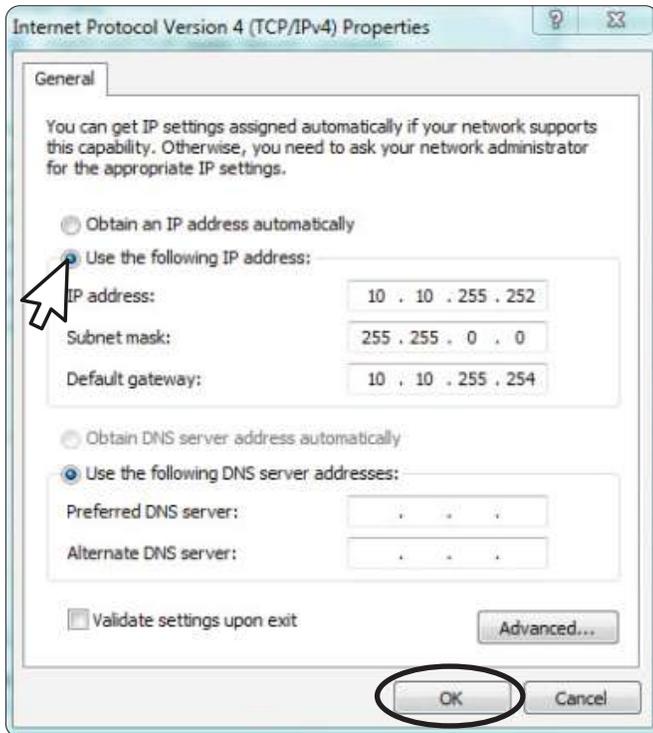**thermsolutions** for Managing KE2 Therm Ethernet Controllers

7 Now select the button **Use the following IP address** and enter in the correct **IP address, Subnet mask**, and **Default gateway** that corresponds with the picture. When completed, click the **OK** button.

IP Address: 10.10.255.252

Subnet Mask: 255.255.0.0

Default Gateway: 10.10.255.254

Important Note: The values listed above will allow your computer to connect to any controller that is still on its factory assigned 10.10.X.X IP address. If the IP address of the controller has been changed, you will need to look it up via the controller's variables menu and adjust your computer's static IP address settings appropriately. Usually, changing the last number of the IP address is sufficient (Ex. If the controller IP address is 192.168.1.15, you could set your computer to 192.168.1.252).
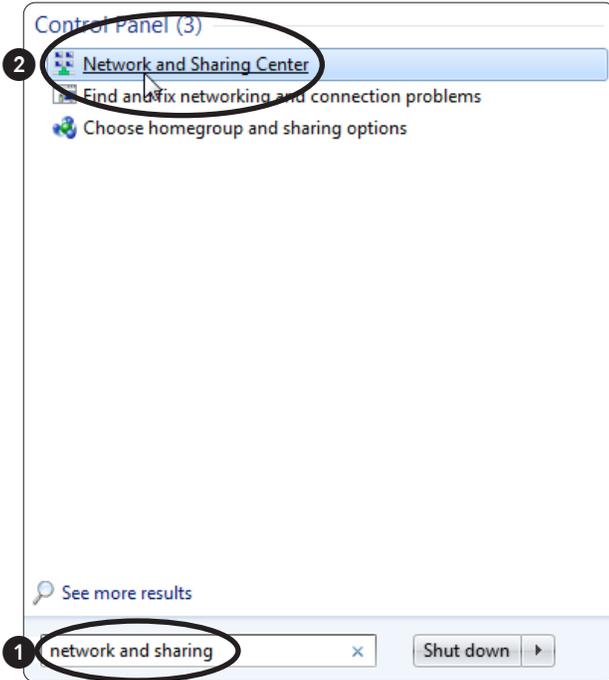

8 Now close out of the Local Area Connection Properties window.

Note: If the computer will be hardwired to another network later, the process should be reversed to restore original settings.
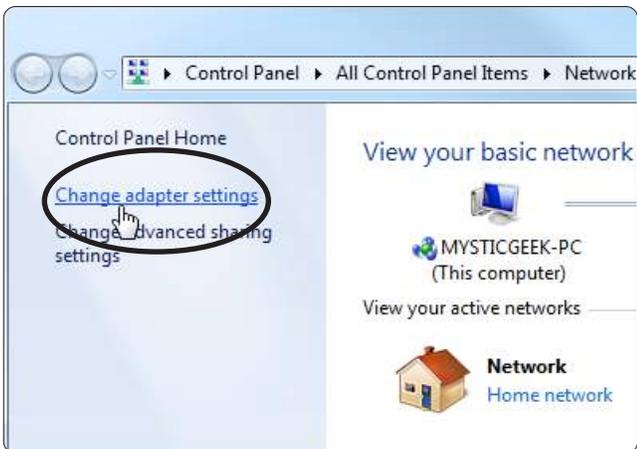
You can now directly connect to the controller!

KE2
thermsolutions
How to: Direct Connect to your KE2 Therm Controller
for Managing KE2 Therm Ethernet Controllers

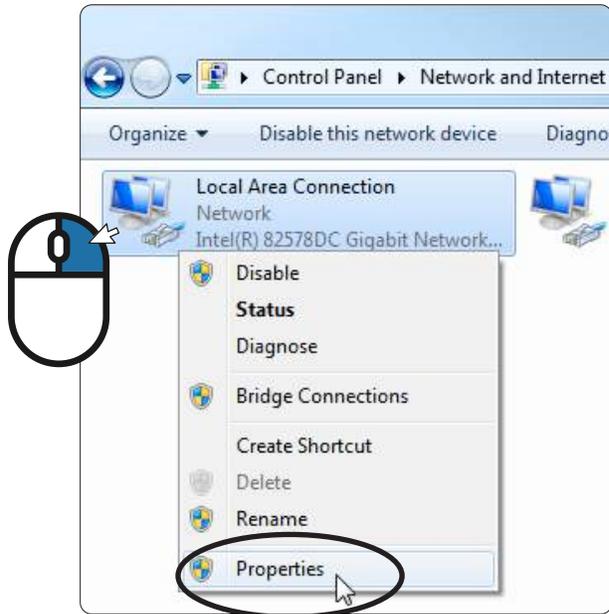## Setting a Static IP address on Windows 7

1 Click on the **Start** button and type **network and sharing** into the search box.

2 Select **Network and Sharing Center**.
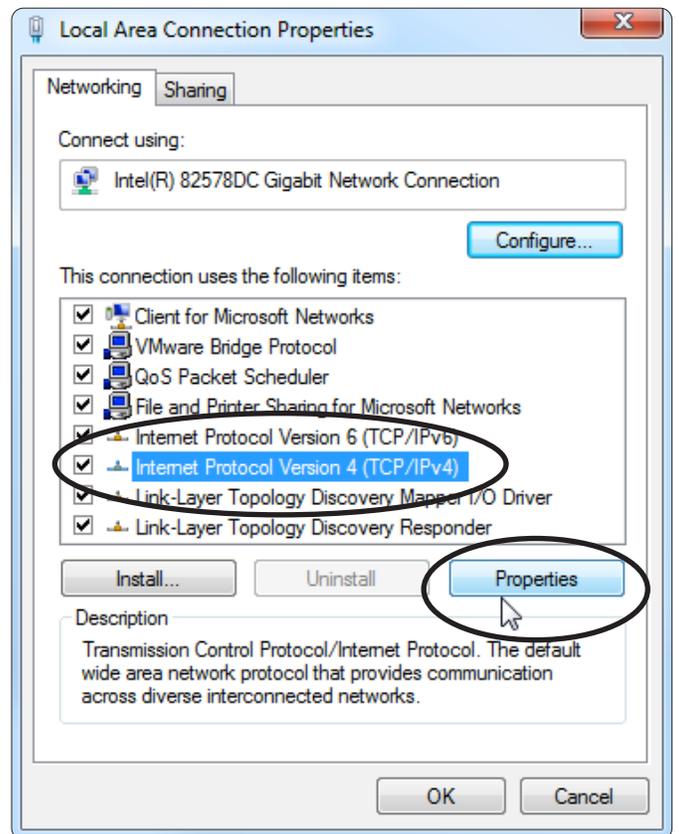

3 Click on **Change adapter settings**.

4 **Right-click** on your **Local Area Connection** and select **Properties**.

5 In the Local Area Connection Properties window highlight **Internet Protocol Version 4 (TCP/IPv4)** then click the **Properties** button.

KE2 thermsolutions | **How to:** Direct Connect to your KE2 Therm Controller
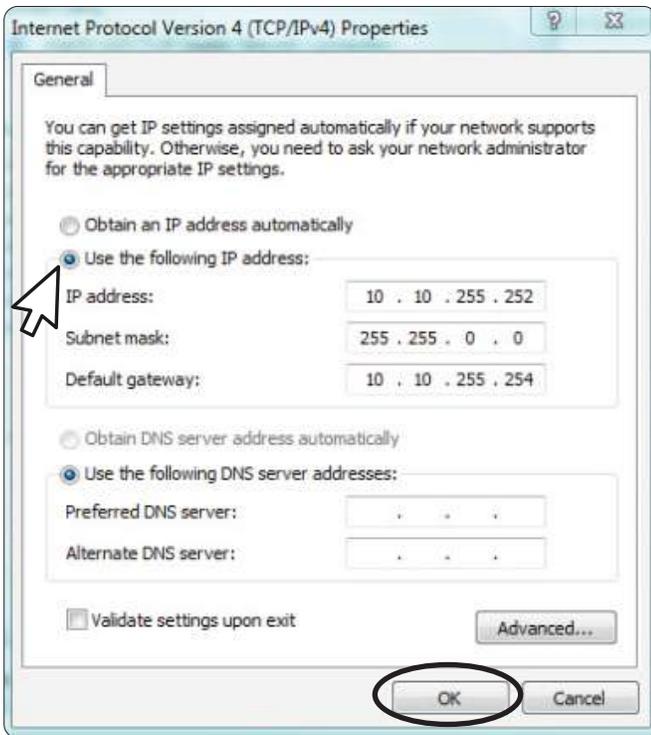for Managing KE2 Therm Ethernet Controllers

6 Now select the button **Use the following IP address** and enter in the correct **IP address, Subnet mask,** and **Default gateway** that corresponds with the picture. When completed, Click on the **OK** button.
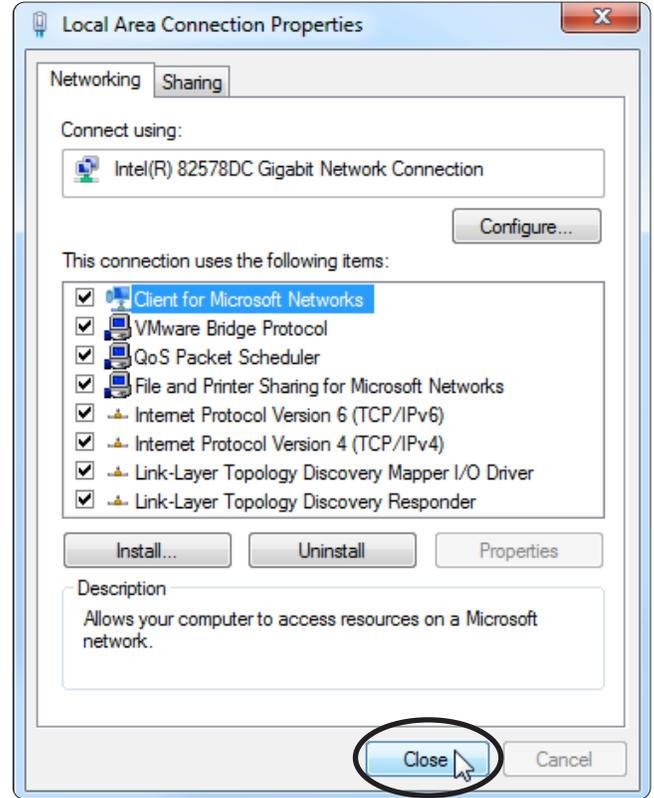
   IP Address: 10.10.255.252

   Subnet Mask: 255.255.0.0

   Default Gateway: 10.10.255.254

Important Note: The values listed above will allow your computer to connect to any controller that is still on its factory assigned 10.10.X.X IP address. If the IP address of the controller has been changed, you will need to look it up via the controller's variables menu and adjust your computer's static IP address settings appropriately. Usually, changing the last number of the IP address is sufficient (Ex. If the controller IP address is 192.168.1.15, you could set your computer to 192.168.1.252).

7 Now close out of the Local Area Connections Properties window.

Note: If the computer will be hardwired to another network later, the process should be reversed to restore original settings.
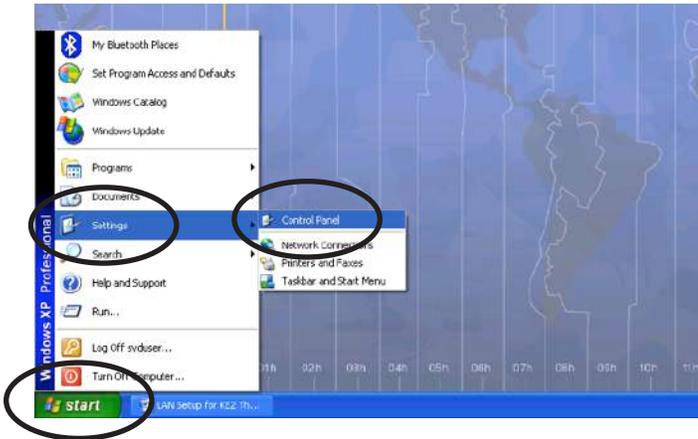
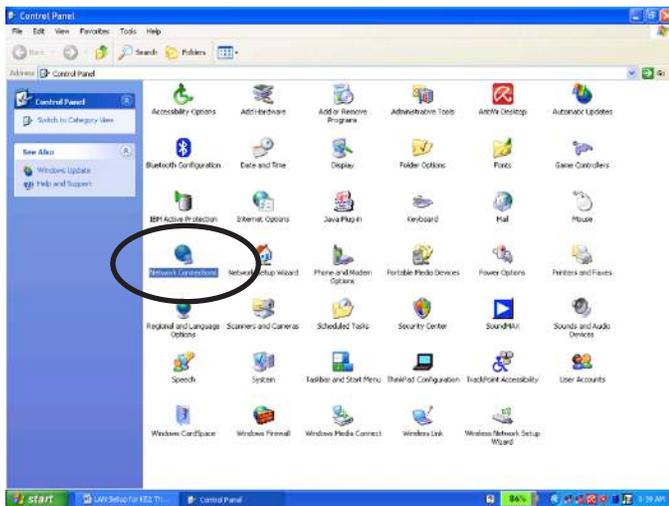## You can now directly connect to the controller!

KE2 thermsolutions

How to: Direct Connect to your KE2 Therm Controller
for Managing KE2 Therm Ethernet Controllers

Setting a Static IP address on Windows 2000, XP and 2003

1 Click on **Start**, **Settings**, **Control Panel** and press **Enter**.
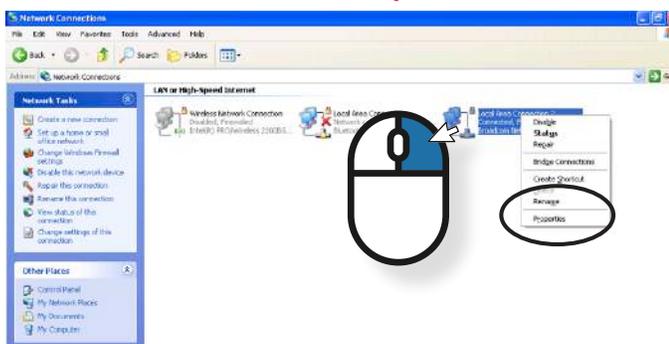

2 Click on **Network Connections**, then press **Enter**, or double click on Network Connections.
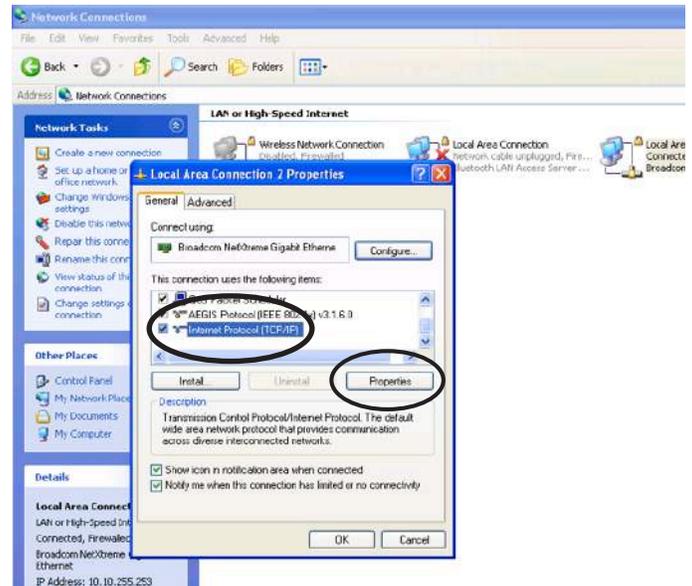

3 **Right-click** on your **Local Area Connection** and select **Properties**

Note: If the controller is connected, the correct Local Area Connection should not have a red " ✖ "
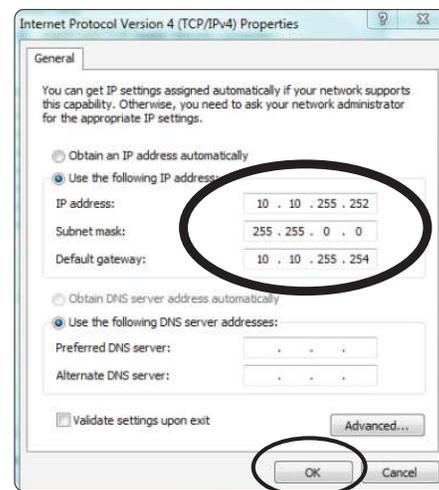

4 Click on **Internet Protocol (TCP/IP)** and click on the **Properties** box*.

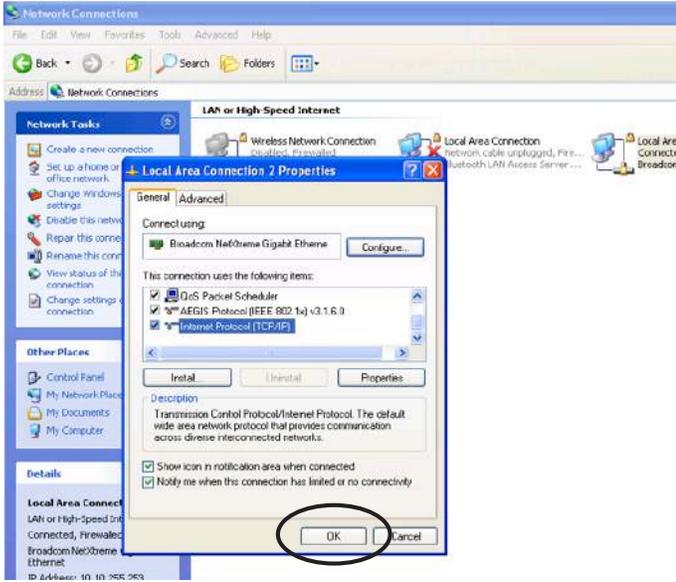*Make sure you do not uncheck this box.

5 **Input the information** as shown in the screen and click **OK**

   IP Address: 10.10.255.252

   Subnet Mask: 255.255.0.0

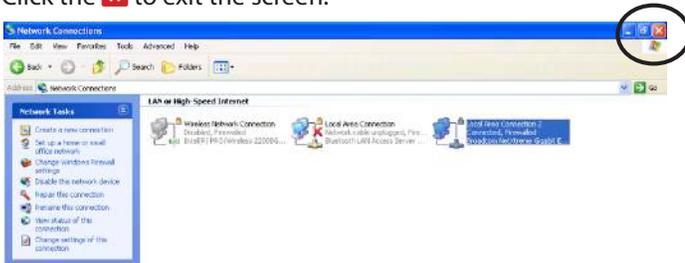   **Default Gateway: 10.10.255.254**

Important Note: The values listed above will allow your computer to connect to any controller that is still on its factory assigned 10.10.X.X IP address. If the IP address of the controller has been changed, you will need to look it up via the controller's variables menu and adjust your computer's static IP address settings appropriately. Usually, changing the last number of the IP address is sufficient (Ex. If the controller IP address is 192.168.1.15, you could set your computer to 192.168.1.252)

KE2 thermsolutions | **How to:** Direct Connect to your KE2 Therm Controller
for Managing KE2 Therm Ethernet Controllers

6 Click **OK**.

7 Click the ❌ to exit the screen.

You should now be setup to run a Static IP Address.

Note: If the computer will be hardwired to another network later, the process should be reversed to restore original settings.
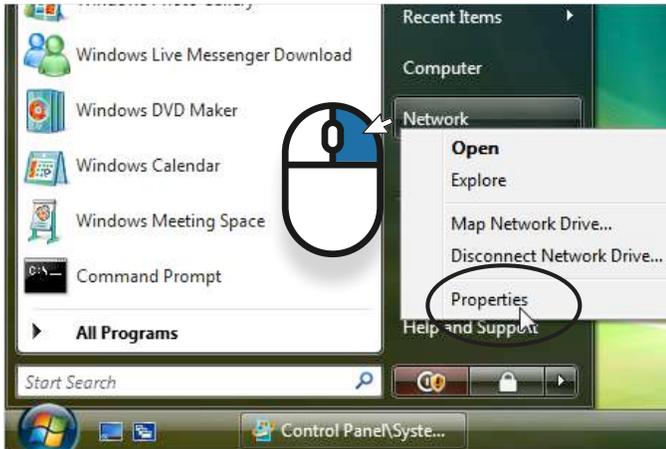
You can now directly connect to the controller!

How to: Direct Connect to your KE2 Therm Controller
for Managing KE2 Therm Ethernet Controllers

Setting a Static IP address on Windows Vista

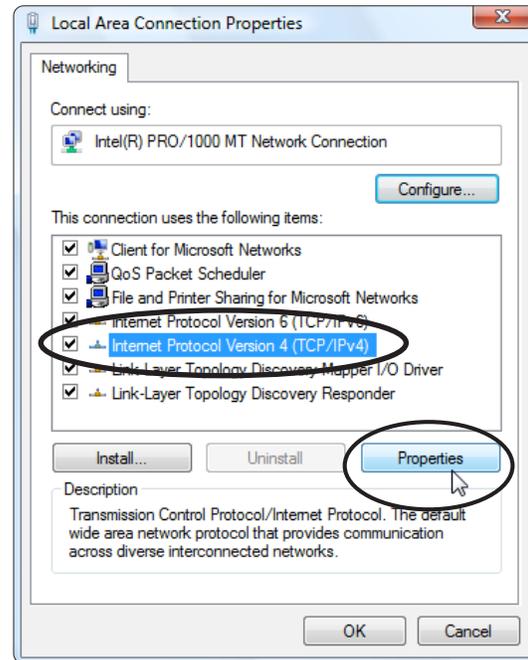**①** Click on the **Start Menu**, right-click on **Network**, and select **Properties**.

② The **Network and Sharing Center** opens…click on **Manage network connections**.

③ Right-click on your **Local Area Connection** and select **Properties**

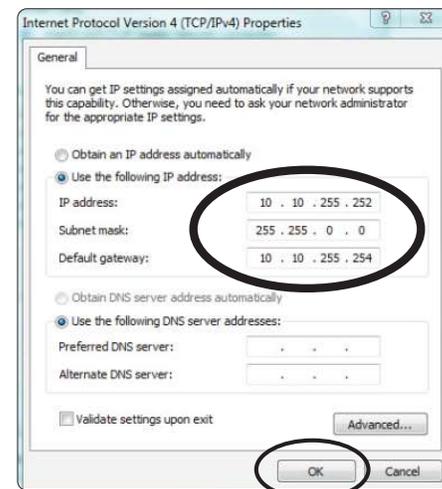**④** Highlight **Internet Protocol Version 4 (TCP/IPv4)** then click the **Properties** button.

⑤ Now change the **IP address**, **Subnet mask**, **Default Gateway,** and DNS Server Addresses. When you're finished click **OK**.

　IP Address: 10.10.255.252

　Subnet Mask: 255.255.0.0

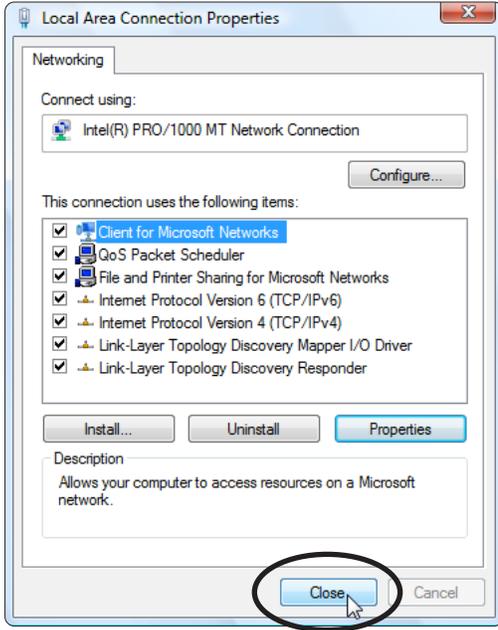　**Default Gateway: 10.10.255.254**

Important Note: The values listed above will allow your computer to connect to any controller that is still on its factory assigned 10.10.X.X IP address. If the IP address of the controller has been changed, you will need to look it up via the controller's variables menu and adjust your computer's static IP address settings appropriately. Usually, changing the last number of the IP address is sufficient (Ex. If the controller IP address is 192.168.1.15, you could set your computer to 192.168.1.252).

How to: Direct Connect to your KE2 Therm Controller
for Managing KE2 Therm Ethernet Controllers

6 You'll need to close out of Local Area Connection Properties for the settings to go into effect.

7 Open a **web browser** and **type in the IP Address** of the KE2 Evap Controller and press **enter**.
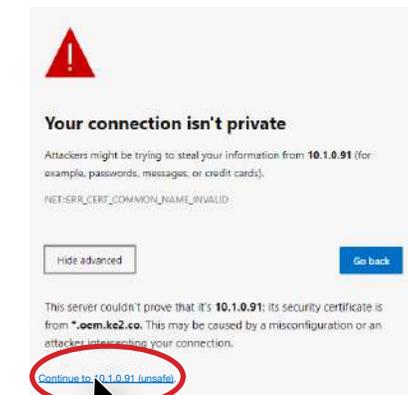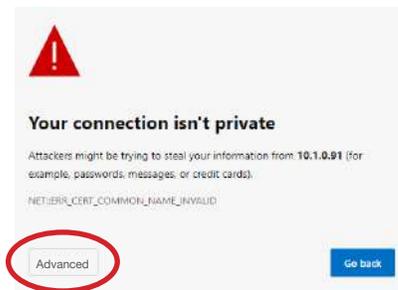
Note: If the computer will be hardwired to another network later, the process should be reversed to restore original settings.

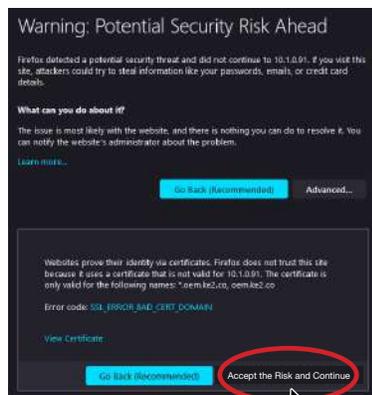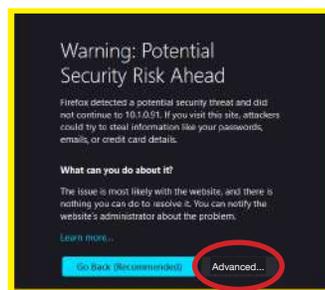**You can now directly connect to the controller!**

Browser Privacy Warnings

When connecting to the controller via its IP address, a privacy or security warning will likely appear in the browser. If the IP address of the controller is correct, depending on the browser, click "Advanced" or "Show Details" then "Proceed to..." / "Accept the Risk..." / "Continue to..." / "...visit this website" to continue to the controller webpage. It is generally not advisable to click past this warning, however, proceeding past this warning when connecting to the controller is safe.

Edge

Firefox

Chrome