![pcAmerica logo - Retail and Restaurant Solutions]

EPSON TM-T20 Series Receipt Printers
Installation for Windows XP/Vista
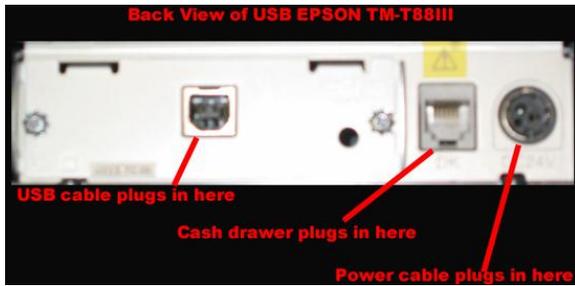
	Before you begin, make sure your **EPSON** printer is plugged in, connected to your PC and that the receipt paper roll is properly seated. Note: Depending on the printer you have purchased will determine the interface type (not all printers will have the same ports as the one pictured).

Make sure the printer is turned off for the driver installation.

Before you begin please download and extract the installation files from:

- http://download2.pcamerica.com/drivers/7/Manufacturer/Epson/APD_410E.zip

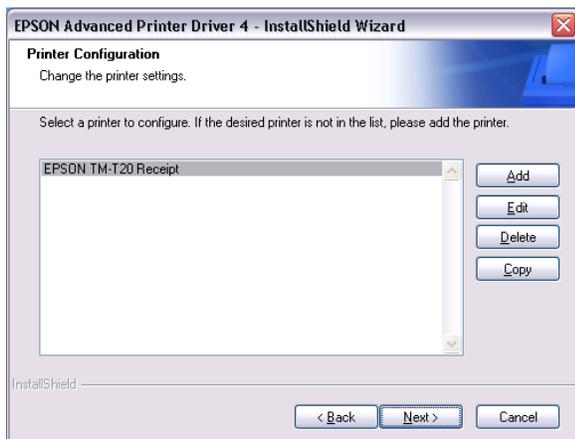|	
	1. Run the install file (APD_410E.exe). 2. Select **Next** to begin the installer. 3. Select **I accept the terms in the license agreement** and select **Next**.
	4. Select **Standard** and then select **Next.**

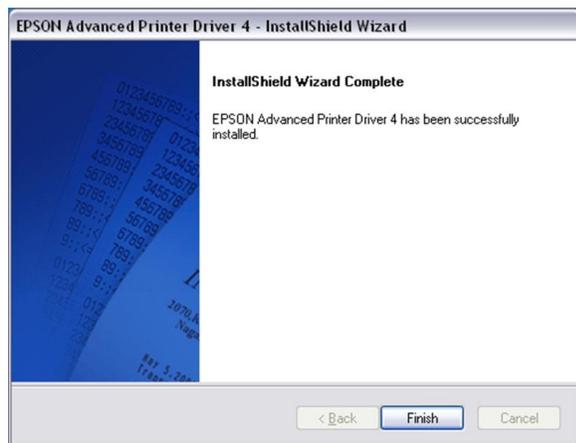|	
	5. If no printers are listed select **Add**.
	6. Select the correct printer that you have under **Select Driver:** (e.g. **EPSON TM-T20 Receipt**). 7. Optionally you can give a name to the printer other than the one that is there by default (e.g. Bar Receipt). 8. Under **Port Type:** select **Create a USB port**. 9. Optionally you can set the receipt printer as the default printer in windows. 10. Select **Next**.
	11. The printer that you have configured should now show under **Printer Configuration**. 12. Select **Next**.

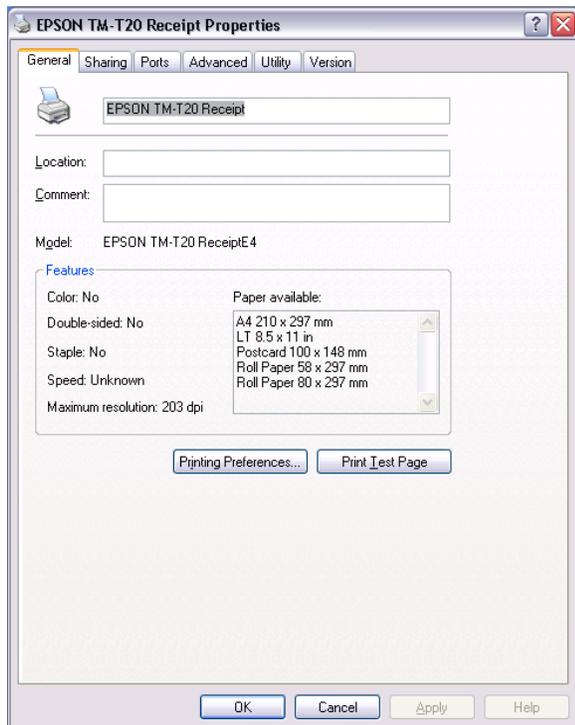|	
	13. Review the files to be installed and select **Next**. The files will automatically install on your computer.
	14. Select **Finish**.

You can now turn the printer back on.
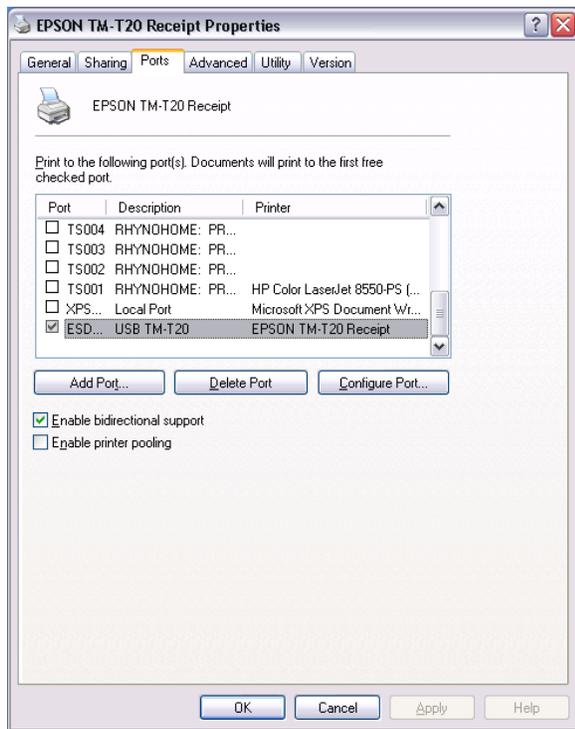
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![EPSON TM-T20 Receipt Properties - Ports tab]	1. Select **Start | Control Panel | Printers and Faxes**. 2. Right-click on the **EPSON** Receipt printer (**TM-T20**) and select **Properties**. 3. Select the **Ports** tab. 4. Select the port your EPSON Receipt printer is connected to (e.g. ESDPRT001, LPT1, COM1) and select **Apply**. *Note*: If the printer is already selected and the **Apply** button is disabled, just continue to the next step.
![EPSON TM-T20 Receipt Properties - General tab]	Now you can print a test page to ensure that your printer is set up correctly. 1. Select the **General** tab. 2. Select **Print Test Page.** *Note: If your test page fails to print, see the **Printer Troubleshooting** section below.*
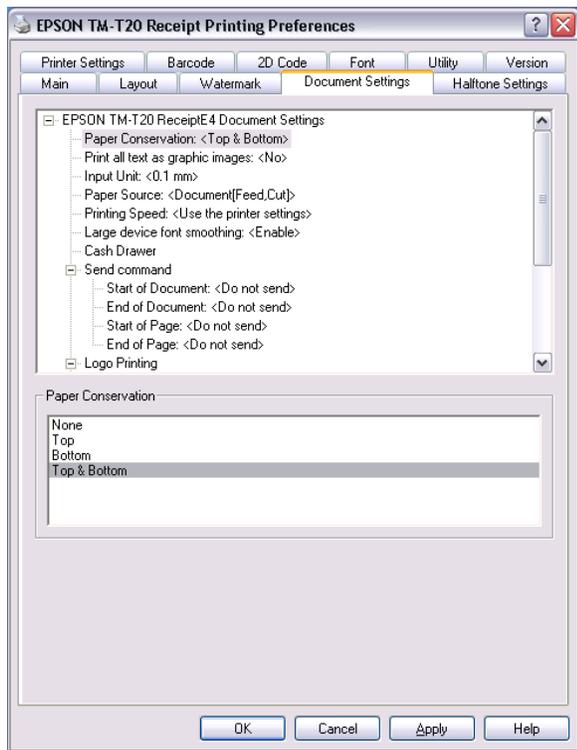
Next, you'll adjust how the receipt paper is cut. From the same Printer Properties window, **General** tab:

1. Select **Printing Preferences.**

2. Select the **Document Settings** tab.

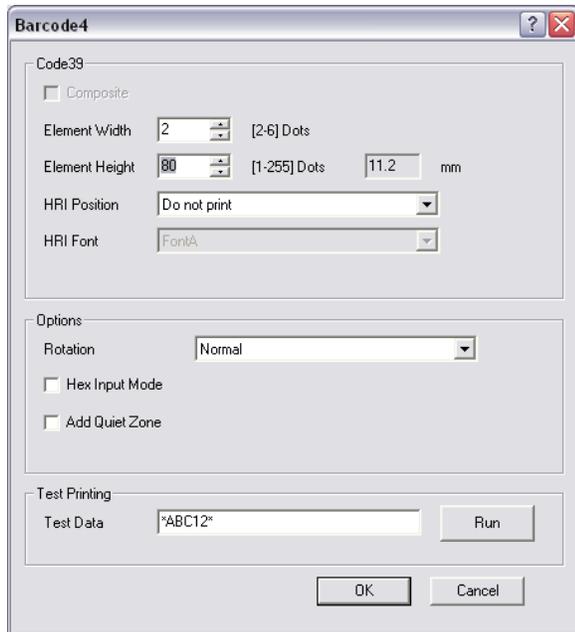3. At the bottom of the window select **Paper Conservation.** Then select **Top & Bottom**.
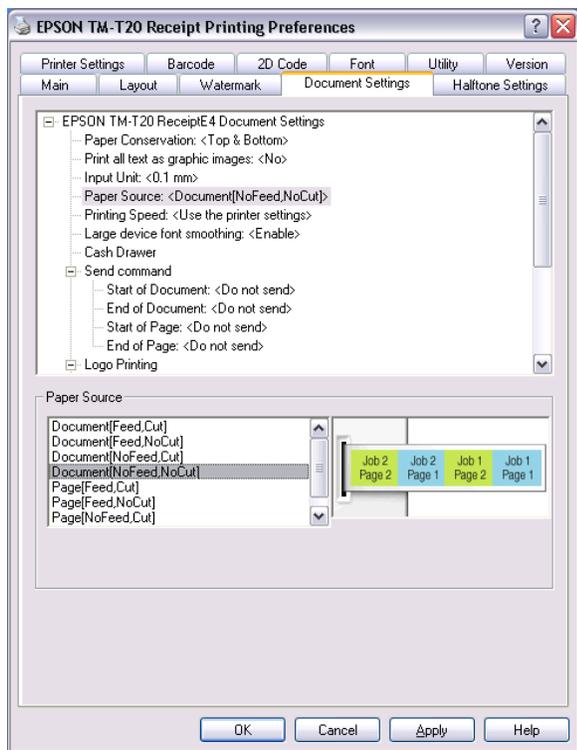
4. Select **Paper Source**.

5. At the bottom of the window select **Document[NoFeed,NoCut]**.
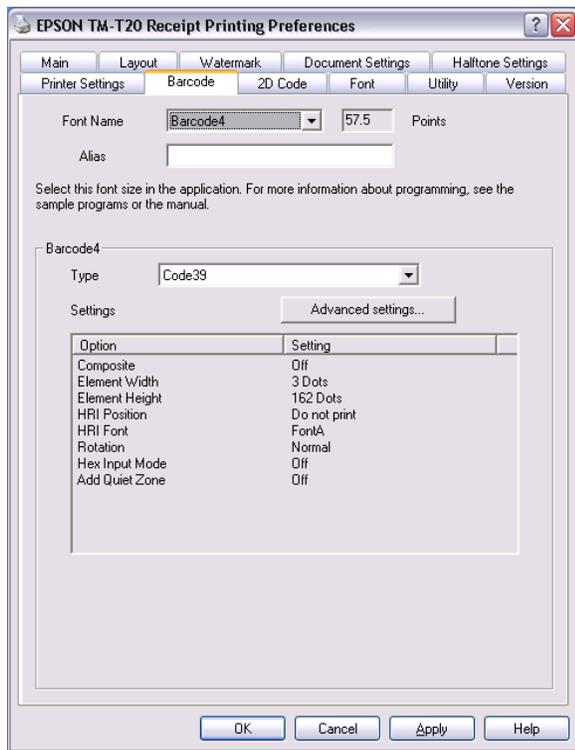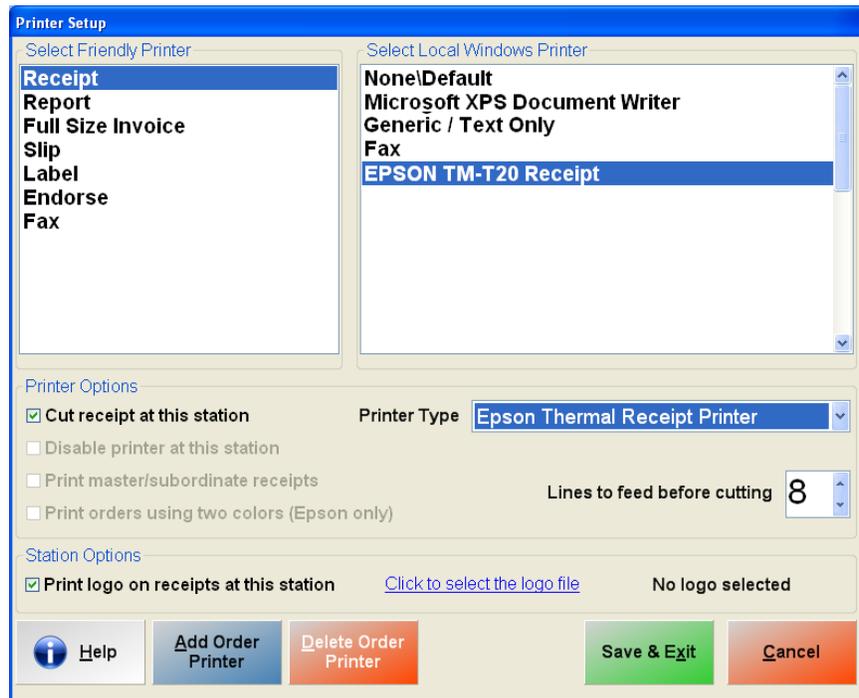
Finally, you need to set the properties for the Barcode font.

1. Select the **Barcode** tab.

2. Select **Barcode4** from the **Font Name** drop-down list the **Type** should be **Code39.**

3. Select the **Advanced settings** button.

4. **Element Width** to **2**.

5. Set the **Element Height** to **80**.

6. Select **OK** three times to finish configuring the printer.

Configuration in CRE/RPE

Now you're ready to set up your printer in RPE/CRE.

1. Start the RPE/CRE program.

2. Select the **Options/Manager** and enter your password (where applicable).

3. Select **[4] Setup | [L] Friendly Printer Setup** and re-enter your password if necessary.

4. Select **Receipt** in the **Select Friendly Printer** list on the left.

5. Select the **EPSON TM-T20 Receipt** in the **Select local Windows printer** list on the right.

6. Select **Epson Thermal Receipt Printer** as the Printer Type.

7. Select **Cut Receipt at this Station**.

8. Select **Print logo on receipts at this station** then select the logo file you would like to print on receipts (if applicable).

Note: The Pixel aspect ratio for the logo must be 1:3 (i.e. if the image has a 100px height then the width must be 300px). If the image you are using is not in that aspect ratio then it will be distorted.

9. Select **Save & Exit**.

Cash Drawer Configuration

1. Select the **Manager** or **Options** button.

2. Enter the administrator password (default: admin) where applicable.

3. Select **Setup** then, **Setup Screen**.

4. Select the **Hardware** tab.

5. Select **Page1**.

6. Under **Cash Drawer** select the radio button that says **Open Default Drawer**.

7. Under **Default Cash Drawer Port** select the appropriate port that your receipt printer is connected to (**USB Receipt Printer**).

Note: If the port that your printer is connected to is selected and the cash drawer is not opening, try setting the port as the **USB Receipt Printer**.

8. Select **Update**.

Printing Barcodes on Receipts

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	1. Select the **Manager** or **Options** button. 2. Enter the administrator password (default: admin) where applicable. 3. Select **Setup** then, **Setup Screen**.

4. Select the **Receipt** tab.

5. Check **Print Bar Code On "On-Hold" Receipts**.

6. Check **Print Bar Code On "Complete" Receipts**.

7. Select **Update** to save your changes.

EPSON Receipt Printer Troubleshooting

If your test page fails to print, you most likely have one or more conflicting ports configured.

Please follow the steps below:
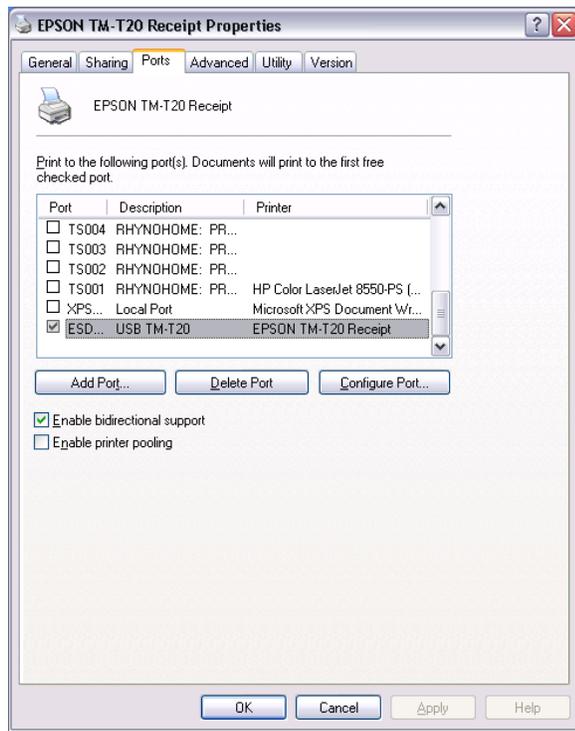
1. Select **Start | Control Panel | Printers and Faxes**.

2. Right-click on the **EPSON Receipt Printer** and select **Properties**.

*Note: If you have more than one of the same receipt printer listed (e.g. EPSON TM-T20 Receipt and EPSON TM-T20 Receipt(1), delete all except the **unnumbered** listing. Right-click on the duplicate printer name(s) and select **Delete**.*

3. Select the **Ports** tab

4. Check the first corresponding port for the printer that you have (e.g. LPT1, COM1, ESDPRT001).

5. Select the **General** tab.

Select **Print Test Page** if the test page prints correctly, you can return to the CRE/RPE software and configure the printer there.

If the test page still does not print correctly, return to the **Ports** tab and continue from Step 4 above with the next unchecked corresponding printer port.