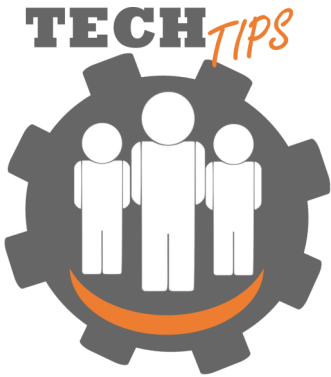


# VULCAN® THREE-STAGE FIRMWARE UPDATE



## Downloading Updates

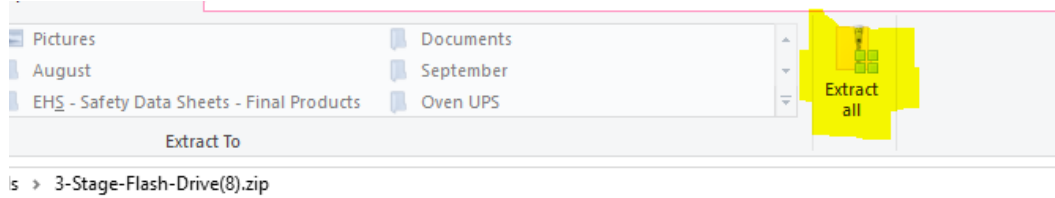
Replace the files on the flash drive that came with the furnace using the drop box files below:  
<https://www.dropbox.com/sh/s60hp97a5nhvhuv/AAB4OcvV9blmVn6tsKFn8LpSa?dl=0>

Go to This PC > Downloads and double click on 3-Stage-Flash-Drive.zip to open the file

Downloads

Name	Date modified	Type	Size
3-Stage-Flash-Drive(8).zip	9/24/2021 10:43 AM	Compressed (zipp...	10,053 KB

Click “Extract All” and save to the flash drive that came with the oven OR to a file on your PC of your choosing.



Name	Type
FTDI_Driver	File folder
3 owners manual.pdf	Adobe Acrobat Document
3 stage quick start.pdf	Adobe Acrobat Document
CDM21228_Setup.exe	Application
flash.exe	Application
flash.exe.config	CONFIG File
flash.pdb	PDB File
XModemProtocol.dll	Application extension
XModemProtocol.pdb	PDB File

## Preparing the Oven for Firmware Transfer

Open the bottom drawer of the oven by removing the two set screws on the bottom of the oven. Sit the unit upright and gently slide the bottom drawer out to expose the motherboard.

Attach the cord USB end to your PC and tab end to the motherboard. If you did not receive this cord, contact R&R at: 800-800-7496 (extension 55210) and request a cord.

Plug the oven in. Wait to turn it on.



## RANSOM & RANDOLPH

3535 Briarfield Boulevard | Maumee, OH 43537 USA  
800.800.7496 | 419.865.9497 | 419.865.9997 (FAX)  
[www.ransom-randolph.com](http://www.ransom-randolph.com)



Ransom & Randolph GmbH  
Leipziger Straße 40 | 04571 Rötha Germany  
+49 342 06373999

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# VULCAN® THREE-STAGE FIRMWARE UPDATE

## Transferring the Firmware Updates

Click on CDM21228\_Setup.exe and follow the installation instructions.

- Do you want this app to make changes to your device? YES
- FTDI CDM Drivers Screen, click EXTRACT
- Welcome to the Device Driver Installation Wizard, click NEXT
- License Agreement, click “I accept this agreement” and NEXT
- Click FINISH

ments > Vulcan Firmware

Name	Status	Date modified	Type	Size
FTDI_Driver	✓	9/24/2021 10:45 AM	File folder	
3 owners manual.pdf	✓	1/28/2021 6:52 PM	Adobe Acrobat D...	1,861 KB
3 stage quick start.pdf	✓	1/28/2021 7:06 PM	Adobe Acrobat D...	1,078 KB
CDM21228_Setup.exe	✓	11/27/2018 5:03 PM	Application	2,400 KB
DENT3.bin	✓	5/13/2021 5:00 PM	BIN File	44 KB
flash.exe	✓	2/23/2021 4:46 PM	Application	17 KB
flash.exe.config	✓	1/20/2021 6:34 PM	CONFIG File	2 KB
flash.pdb	✓	2/23/2021 4:46 PM	PDB File	46 KB
XModemProtocol.dll	✓	1/18/2021 10:48 PM	Application extens...	47 KB
XModemProtocol.pdb	✓	1/18/2021 10:48 PM	PDB File	262 KB

TURN THE OVEN ON.

Click on “flash.exe”

uments > Vulcan Firmware

Name	Status	Date modified	Type	Size
FTDI_Driver	↻	9/24/2021 10:45 AM	File folder	
3 owners manual.pdf	↻	1/28/2021 6:52 PM	Adobe Acrobat D...	1,861 KB
3 stage quick start.pdf	↻	1/28/2021 7:06 PM	Adobe Acrobat D...	1,078 KB
CDM21228_Setup.exe	↻	11/27/2018 5:03 PM	Application	2,400 KB
DENT3.bin	✓	5/13/2021 5:00 PM	BIN File	44 KB
flash.exe	↻	2/23/2021 4:46 PM	Application	17 KB
flash.exe.config	↻	1/20/2021 6:34 PM	CONFIG File	2 KB
flash.pdb	↻	2/23/2021 4:46 PM	PDB File	46 KB
XModemProtocol.dll	↻	1/18/2021 10:48 PM	Application extens...	47 KB
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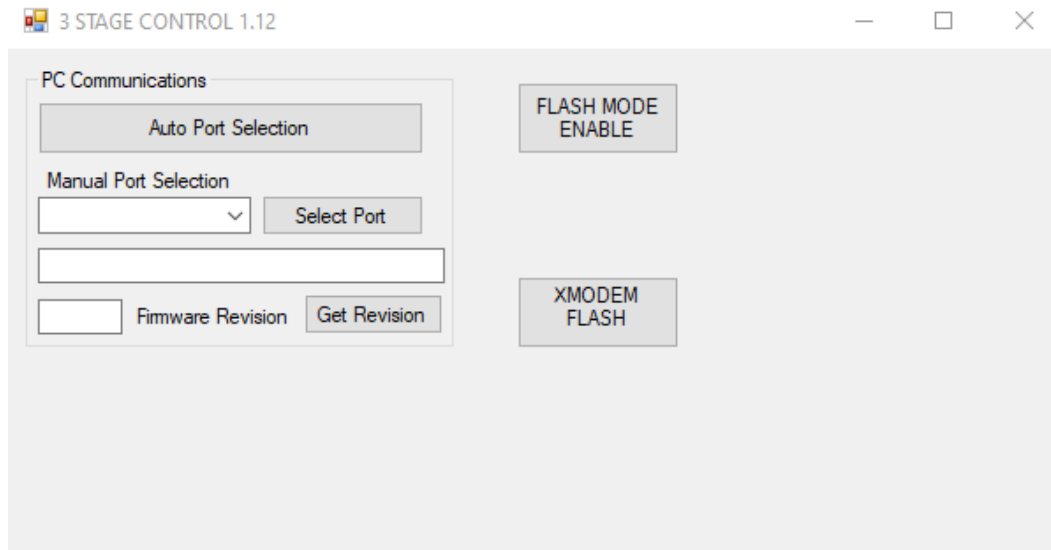


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# VULCAN® THREE-STAGE FIRMWARE UPDATE

The following window will open:



Under Manual Port Selection, choose the COM port that is NOT PORT 3, and click SELECT PORT. The status box will update with PORT FOUND!.

Click FLASH MODE ENABLE button. When all lights on the control panel are lit, the control unit is ready to update.

Click XMODEM FLASH to update controller firmware. The status box will indicate the unit is about to reset.

Unit will reset and display updated firmware version on the screen.

Turn the oven's power off. Disconnect the cord from the computer, slide the drawer back into the oven and replace the set screws. The oven is ready to use.



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