

Installation Instructions for WindWizard

The process has three major steps:

- 1) Obtain a license file from Ansys/Fluent.
- 2) Download the installation file called “WindWizard_1.0.1_setup.exe” from www.firemodels.org.
- 3) Install WindWizard.

Before beginning you will need:

- 1) Administrative privileges on your computer.
- 2) Know the location of your “license.dat” file obtained from Ansys/Fluent.

**If you have a 32 bit operating system, which is the most likely scenario, then follow the instructions below. If you have a 64 bit operating system then you will need to contact the WindWizard developers for a 64 bit version (email: wind.wizard.support@gmail.com).

Installing WindWizard

- 1) Double-click on “WindWizard_1.0.1_setup.exe”.
- 2) Read and accept the License Agreement to continue.
- 3) To install ALL necessary WindWizard files, be sure that all 3 check boxes are **CHECKED** on the “Choose Components” page. If “FSLM” and “FloWizard” components are already installed on this machine, these may be unchecked (if you’re not sure, leave them checked).
- 4) Select **Install**.
- 5) A window will open explaining that you will need your computer’s name for later use in the installation. For your convenience, your computer’s name is displayed in this window. You can write the name down, or copy it to the clipboard (to use later using the “paste” command). Click **Yes** to copy to the clipboard.
- 6) A new installation window will open. Select **Next**.
- 7) Read and accept the License Agreement to continue (by selecting **Next**).

- 8) Select **Next** to accept the default “Destination Folder” (which is C:\Fluent.Inc).
- 9) Select **Install** to start the installation.
- 10) When completed, select **Next**.
- 11) The “FSLM 10.8 Installation” window will open. Select **Yes** to start the license server now.
- 12) The “Server License 2.0 Installation” window will open. In the top textbox, navigate to your “license.dat” file. Leave the “debug file” textbox at its default value. Select **Install**.
- 13) Select **OK**, then **Next**, then **Finish**, then **Finish** again. The FSLM setup will close.
- 14) A new installation window will open called “Flowizard 3.0.4 Installation”. Select **Next**.
- 15) Read and accept the License Agreement to continue (by selecting **Next**).
- 16) Accept the default “Components” and “Full” install type by selecting **Next**.
- 17) The “Connect to License Server” window will open. Leave the default value of “7241” for the “license server port number”. In the “Enter the license server name” textbox, enter your computer name. This can be done by **right-clicking** and selecting the **paste** command. Select **Next**.
- 18) Select **Next** to accept the default “Destination Folder” (which is C:\Program Files\FloWizard).
- 19) Select **Install** to start the installation. This may take a few moments.
- 20) Select **Next** when installation is complete.
- 21) Select **Finish**, then select **Finish** again.

Congratulations! Installation is now complete. A “WindWizard 1.0.1” icon has been added to your desktop. This can be used to start up WindWizard. The WindWizard User’s Guide can be found in “C:\Program Files\FloWizard\FloWizard 3.0.4\user\WindWizard1.0.1\doc\”. This .pdf file explains many aspects of running WindWizard, including obtaining DEM files and using and viewing output files. Also, two example digital elevation model files (DEMs) have been included in “C:\Program Files\FloWizard\FloWizard 3.0.4\user\WindWizard1.0.1\examples\”. They are called “south_canyon.asc” and “mann_gulch_dem.asc”. You can use them to learn how to run WindWizard.

We have worked hard to ensure that WindWizard is as straightforward and easy as possible to run and use, but this is version 1.0.1 and there may still be some issues to resolve. Please document problems you have and send an email to wind.wizard.support@gmail.com.