

## Scilab CAPE-OPEN Unit Operation

Scilab CAPE-OPEN Unit Operation is a plug-in developed and implemented by **AmsterCHEM**. CAPE-OPEN is a free available set of standards for communication between chemical engineering software components. This one is a unit operation implementation for which the calculations can be entered in Scilab.

To download the Scilab CAPE-OPEN Unit Operation plugin, follow the below mentioned steps:

1. Visit <https://www.amsterchem.com/>
2. From the top right corner of the page, click on more.
3. Click on Downloads.
4. Scroll down to SciLab CAPE-OPEN.
5. Click on .exe file for ScilabCapeOpenUnitOperation (e.g. Currently it is ScilabCapeOpenUnitOperation.2.0.0.15.exe)
6. Select Save File and click OK.
7. The .exe file gets downloaded and saved in your system (Ideally it will be in the Downloads folder)
8. Now click on SciLab Unit Operation available on the menu in the right of the screen.
9. SciLab CAPE-OPEN Unit Operation page opens.
10. Scroll down to Availability.
11. Click on Request non-commercial license button.
12. Enter your name, email and select purpose from drop down.
13. Click on Request license button.
14. You will receive a license key in your mail box within few minutes.
15. To install the downloaded plug-in, go to the folder where you have downloaded the .exe file.
16. Double click on .exe file.
17. In User Account Control window, click Yes.
18. In License Agreement section, click on I Agree.
19. On Choose User window, click on Next.
20. On Choose Start menu folder window, click Next.
21. On Choose Install Location Window, click on Install.
22. After the installation is completed, click on Close.
23. When you go to use the plug-in for the first time, you will be prompted to enter the license key.
24. Enter the license key received on your mail.

**IMPORTANT:** Always remember to run DWSIM with administrator privileges when you want to use Scilab CAPE-OPEN Unit Operation plugin.