

SYSTEM REQUIREMENTS AND INSTALLATION

Remark: Changes made in the January 2021 update are highlighted in red.

System requirements

Minimum Requirement

- Microsoft Windows 7
- 256 MB RAM
- 100 MB hard disk space available

Recommend Requirement

- Microsoft Windows 10 or later
- 2 GB RAM
- 350 MB disk space available

Other Requirement

Typical input files require less than 1 MB. Depending on output options, the program may generate very large output files. During a run, the model may increase total virtual memory use by nearly 300 MB; the Windows virtual memory settings must allow for this. Your virtual memory setting should be defaulted to “Automatically manage paging file size for all drives” as shown in Figure 1. To check this setting with Windows 7, please follow the steps described in Microsoft Windows’s website at:

<http://windows.microsoft.com/en-hk/windows/change-virtual-memory-size#ITC=windows-7>

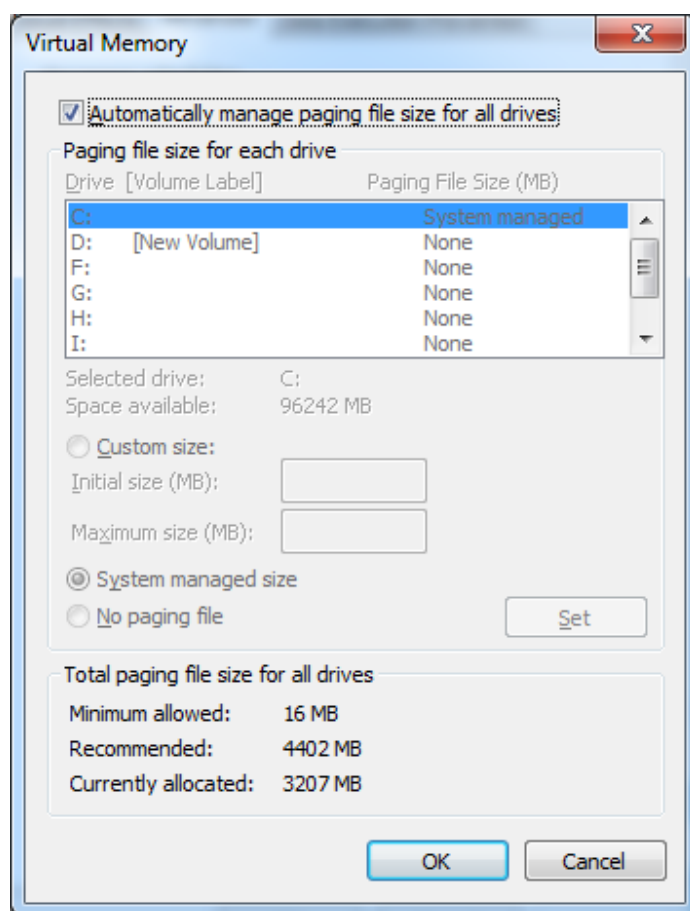
Installation

No installation is needed. The EMFAC-HK executable file (.exe) can be found after unzipped the zipped file provided by EPD. The zipped folder can be downloaded from the EPD's website, at

www.epd.gov.hk/epd/english/environmentinhk/air/guide_ref/emfac-hk.html

Note 1: The anti-virus software of your computer system may block the download or execution of the executable file(.exe), thus you may need to include the executable file(.exe) to the whitelist/exclusion list/exception list of your anti-virus software. Please consult your system administrator if needed.

Figure 1 Windows 7 Virtual Memory Settings



RUNNING EMFAC-HK

Starting the program

To begin, start the program by **double-clicking the EMFAC-HK executable file (.exe)**. When the program starts, it opens up two windows, titled “EMFAC-HK” (Figure 10) and “EMFAC-HK Console” (Figure 11). The “EMFAC-HK Console” window accommodates older code in the model and rarely contains any output. It could be minimized using the standard Windows minimize button. Instructions for setting up and running scenarios can be found in the User’s Guide.

Figure 2 Opening Dialog Window

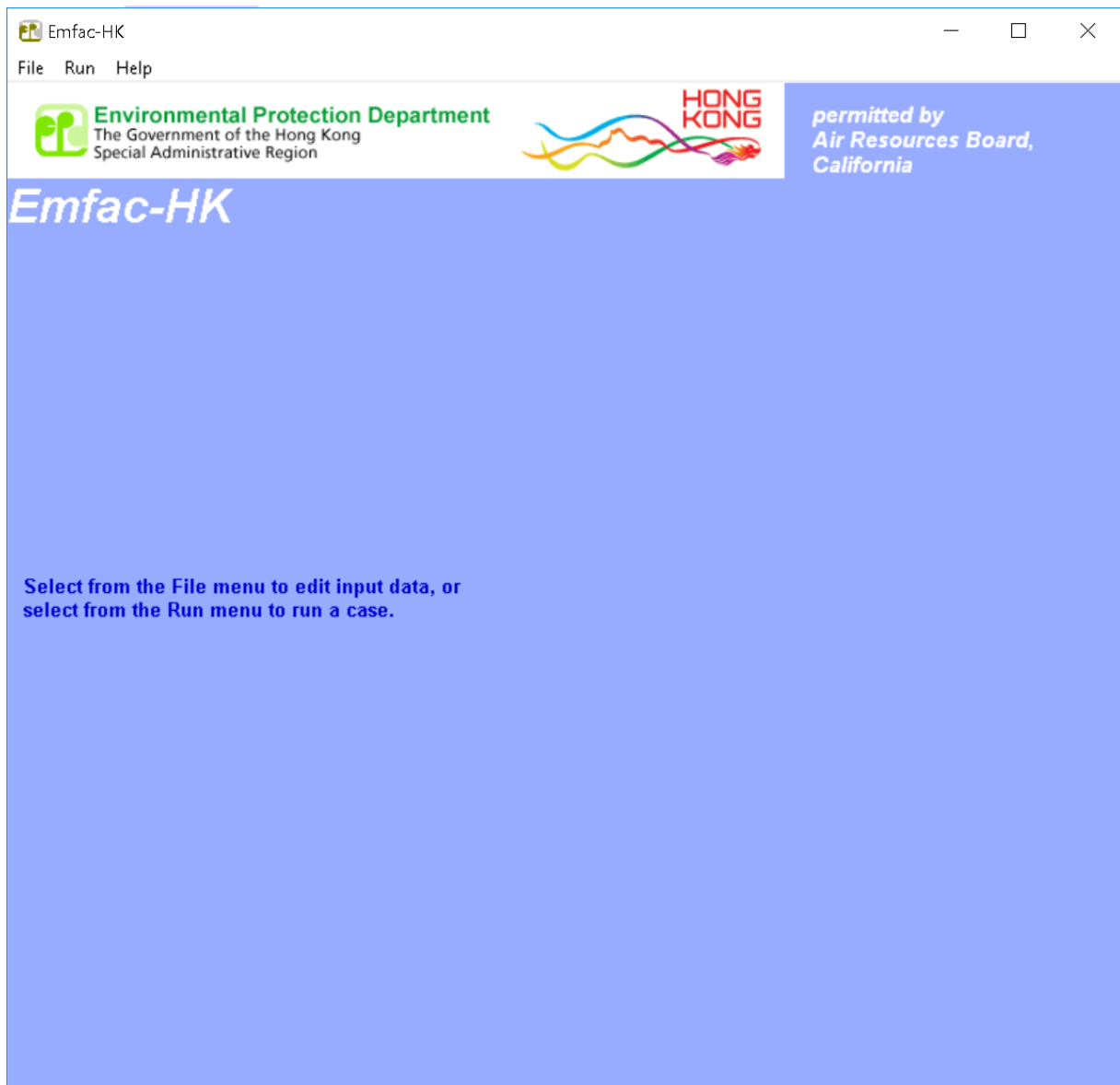


Figure 3 EMFAC-HK Console

