

Computer Models For Fire and Smoke

<i>Model Name:</i>	Café (Computer aided fire engineering)
<i>Version:</i>	2013
<i>Date:</i>	23 August 2013
<i>Classification:</i>	Miscellaneous
<i>Very Short Description:</i>	Comprises a number of small apps for day to day fire engineering applications
<i>Modeler(s), Organization(s):</i>	Tim Liu, H & H Fire
<i>User's Guide:</i>	
<i>Technical References:</i>	
<i>Validation References:</i>	
<i>Availability:</i>	Distributed by H&H Fire, http://hhfire.co.uk/cafe.php
<i>Model Actively Supported?:</i>	We will address any bugs found and will update regularly
<i>Price:</i>	GBP1000 Full License
<i>Necessary Hardware:</i>	Microsoft Windows
<i>Computer Language:</i>	Visual Basics, Microsoft Visual Studio 2012
<i>Size:</i>	3MB
<i>Contact Information:</i>	H&H Fire, 44 (0) 207 1932990
<i>Detailed Description:</i>	Comprises a number of small apps for day-to-day fire engineering desktop application. Including heat detector detection time, steady state smoke ventilation design, boundary separation, configuration factor, pressurization, 1D heat transfer, compartment fire, time equivalence, parametric

fire curve etc. All come with explanation and generate a short summary of the result suitable to be included in fire reports.

