

Computer Models For Fire and Smoke

<i>Model Name:</i>	FMD
<i>Version:</i>	1
<i>Classification:</i>	Zone Fire Model
<i>Very Short Description:</i>	Zone fire model for atria, includes effect of mechanical and natural ventilation, sloped ceiling. Checks for stratification of smoke layer at a distance below ceiling.
<i>Modeler(s), Organization(s):</i>	Milke and Mowrer, UMD
<i>User's Guide:</i>	ASHRAE Report, "A Design Algorithm for Smoke Management Systems in Atria and Covered Malls", May 1993
<i>Technical References:</i>	ASHRAE Report, "A Design Algorithm for Smoke Management Systems in Atria and Covered Malls", May 1993
<i>Validation References:</i>	Comparisons with experimental data included in technical reference
<i>Availability:</i>	No
<i>Price:</i>	N/A
<i>Necessary Hardware:</i>	PC
<i>Computer Language:</i>	FORTTRAN
<i>Size:</i>	-----

Detailed Description:

see ASHRAE Report, "A Design Algorithm for Smoke Management Systems in Atria and Covered Malls", May 1993