# Computer Models For Fire and Smoke

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| *Model Name*: | FMD |
| *Version*: | 1 |
| *Classification*: | Zone Fire Model |
| *Very Short Description*: | 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. |
| *Modeler(s), Organization(s)*: | Milke and Mowrer, UMD |
| *User's Guide*: | ASHRAE Report, "A Design Algorithm for Smoke Management Systems in Atria and Covered Malls", May 1993 |
| *Technical References*: | ASHRAE Report, "A Design Algorithm for Smoke Management Systems in Atria and Covered Malls", May 1993 |
| *Validation References*: | Comparisons with experimental data included in technical reference |
| *Availability*: | No |
| *Price*: | N/A |
| *Necessary Hardware*: | PC |
| *Computer Language*: | FORTRAN |
| *Size*: | ----- |
| *Contact Information*: | J. Milke, milke@eng.umd.edu, 301-405-3995 |
| *Detailed Description*: | |

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