Computer Models
For
Fire and Smoke

Model Name: NRCC2

Very Short Description: Fire growth model for large office spaces.

Modeler, Organization: H. Takeda, National Fire Laboratory, Institute for Research in Construction, National Research Council of Canada.

Availability: Program will be available in the future.

Hardware: IBM-compatible PC

Language: FORTRAN 77

Size: 400 kB

Detailed Description:
Input:
    Office space and door open or closed.

Output:
    Burning rate, room temperature, wall temperature, air supply rate and gas concentrations (oxygen, CO, CO_2).

Assumptions:
    Two zone model.

Limitations:
    Will be specified.