**Computer Models
For
Fire and Smoke**


*Model name:*
**JET**

*Version:*

**n/a**

*Date:*
**5/8/2013**

*Classification:*

**single-room zone model**

*Very short description:*

**single room with sprinklers and ventilation**

*Modeler(s), Organization(s):*

**Victor Shestopal, director of Fire Modelling & Computing**

*User's Guide:*

**Manual of FireWind software package**

*Technical references:*

**in the manual**

*Validation references:*

**Shestopal V.O. & Grubits S.J. Computer program for an uninhibited smoke plume and associated computer software. Fire Technology, v. 29, No. 3, 1993, p. 246-267. Shestopal V.O. Sprinkler activation submodel for a zone-model computer program. SAFE '99 Int. Seminar on Safety & Fire Engineering, Cochin, India, Nov. 24-26, 1999, pp. 73-88.**

*Availability:*

**Fie Modelling & Computing**

*Model actively supported*

**Yes**

*Price:*

**FireWind package costs $400 Australian**

*Necessary hardware:*

**Any Windows**

*Computer language:*

**C**

*Size:*

**FireWind is slightly above 1 Mb**

*Contact Information:*

**Victor Shestopal, [firecomp@optusnet.com.au](mailto:firecomp@optusnet.com.au)**

*Detailed description:*

**Can be found in Internet web site for FireWind
[http://members.optusnet.com.au/~firecomp/](http://members.optusnet.com.au/~firecomp/)**