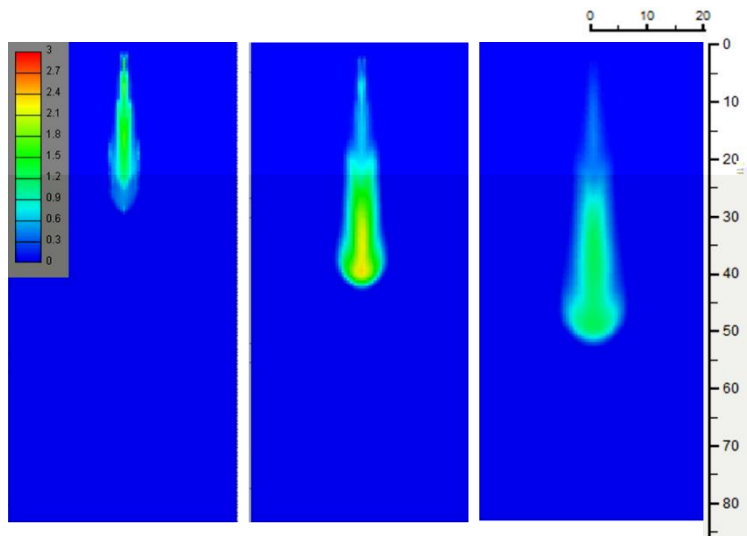


$$\frac{\partial \rho}{\partial t} + \text{div}(\rho \mathbf{v}) = 0$$

$$\frac{\partial \mathbf{v}}{\partial t} + (\mathbf{v} \cdot \text{grad}) \mathbf{v} = -\frac{1}{\rho} \text{grad } p + \nu \nabla^2 \mathbf{v} + \mathbf{F}$$

$$\frac{\partial T}{\partial t} + (\mathbf{v} \cdot \text{grad}) T = \alpha \nabla^2 T + \frac{Q_v}{c\rho}$$



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