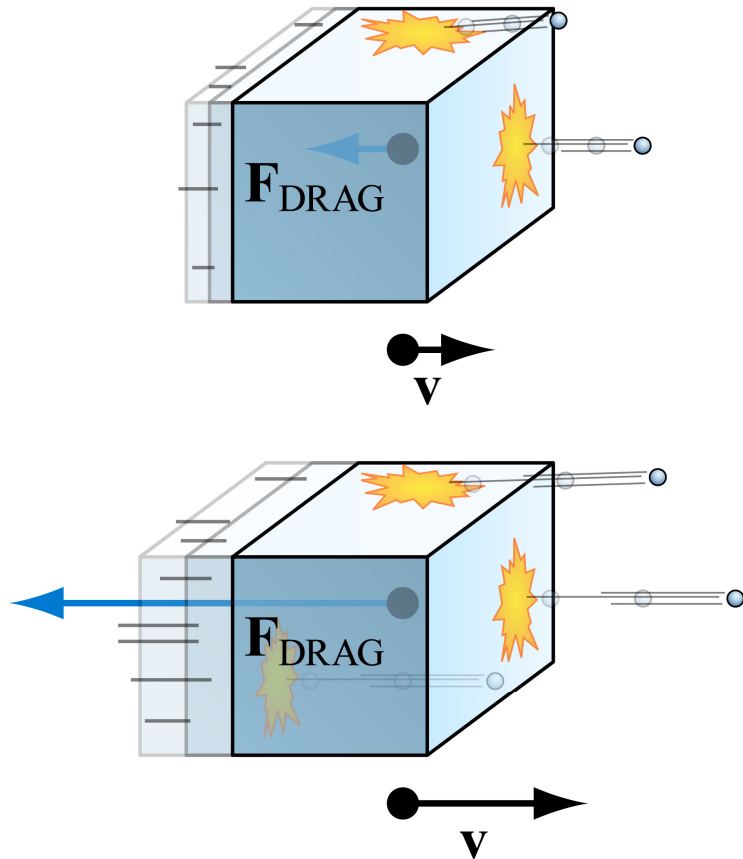


Drag force

When an object moves through a fluid, the fluid pushes on the object with a **drag force** that

- (a) opposes the movement of the object through the fluid
- (b) increases in strength as the object moves more quickly through the fluid.



F_{DRAG} is often neglected when not explicitly mentioned.

An object that has achieved **terminal velocity** is falling through a fluid at a velocity for which \vec{F}_{DRAG} balances \vec{F}_G .

