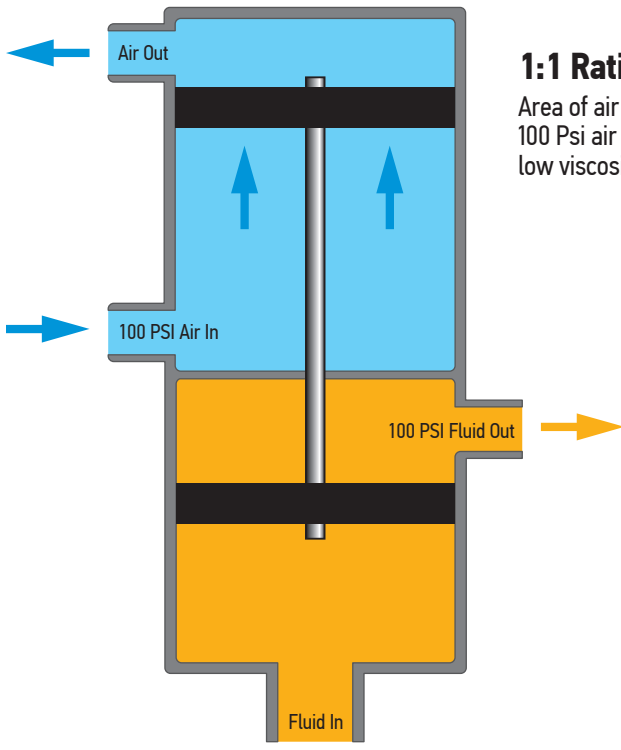


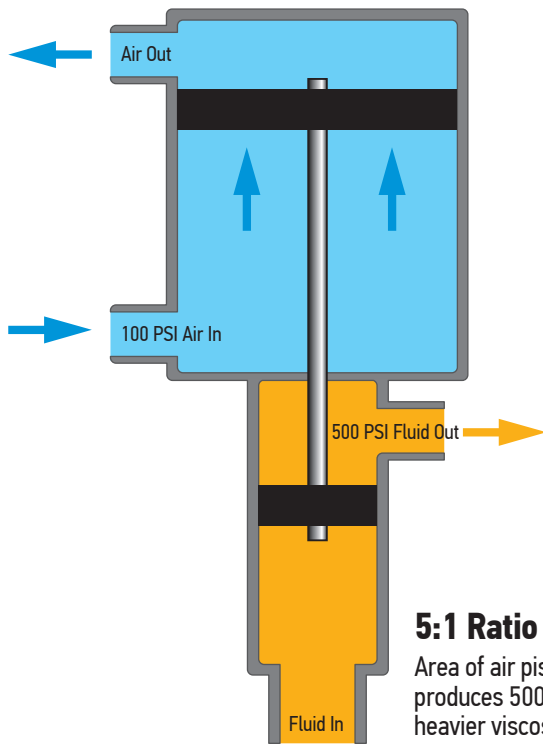
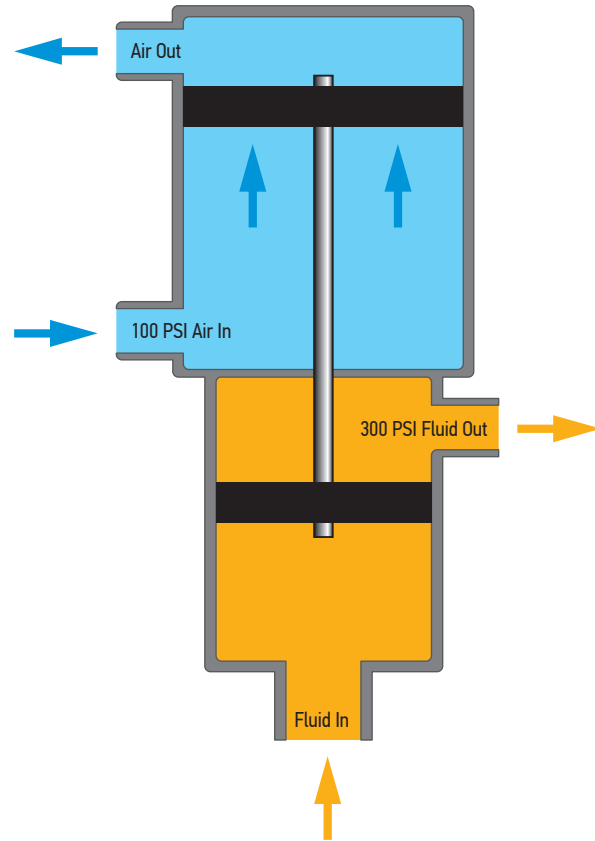
AIR OPERATED PUMP RATIOS EXPLAINED



1:1 Ratio

Area of air piston is equal to area of fluid piston, therefore as an example - 100 Psi air pressure produces 100 PSI of fluid pressure. Ideal for pumping low viscosity fluids over short distances, typically less than 100 ft.

3:1 Ratio
Area of air piston is 3 times area of fluid piston, therefore 100 PSI of air pressure produces 300 PSI of fluid pressure. This is ideal for pumping low and medium viscosity fluids for distances of approximately 150 ft.



5:1 Ratio

Area of air piston is 5 times area of fluid piston, therefore 100 PSI of air pressure produces 500 PSI of fluid pressure. This is ideal for pumping low, medium and heavier viscosities for distances of 200 ft. or more.