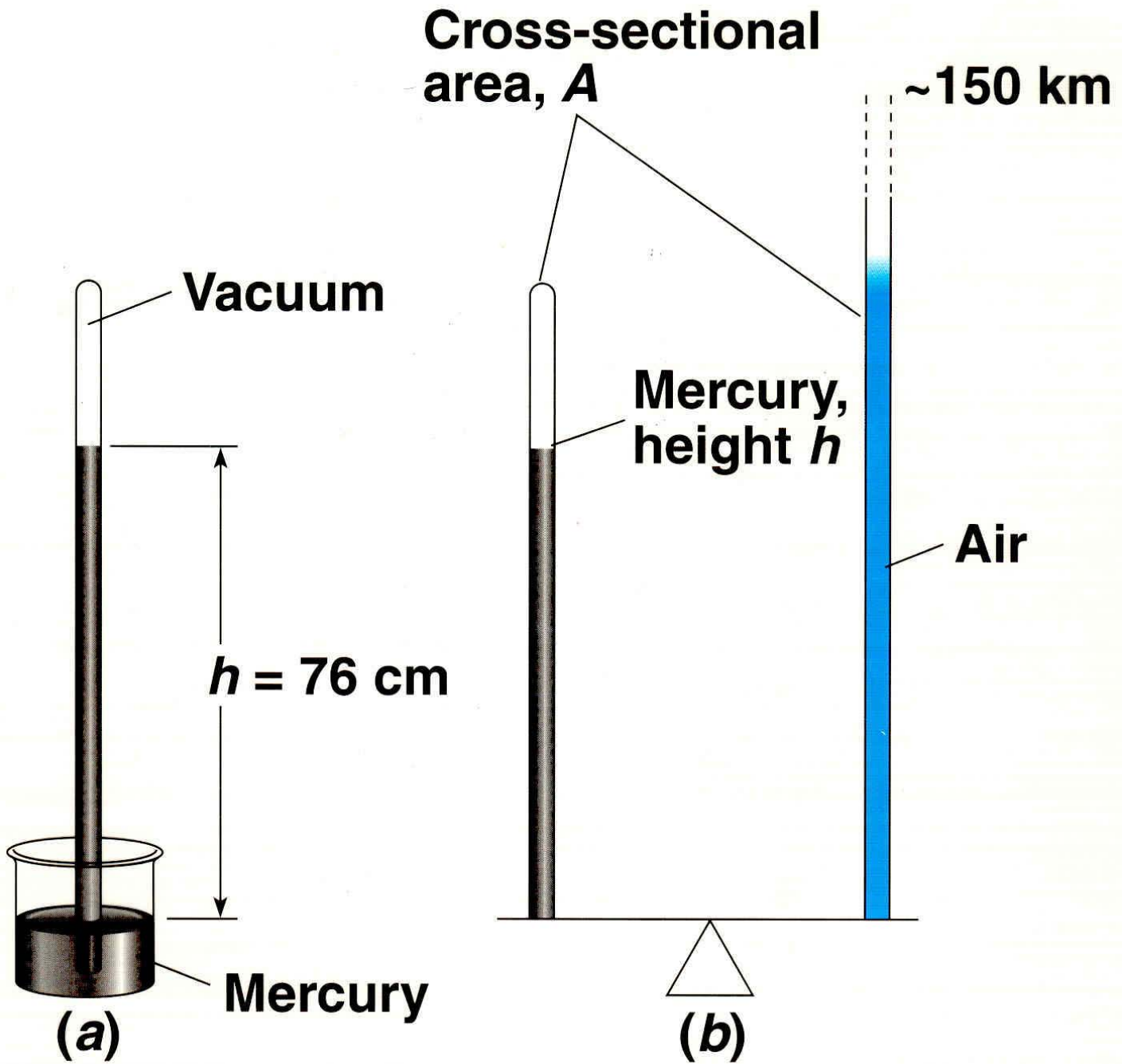


## Topic 3A - The Nature of Gases



**Table 3-2 Units for Pressure**

Unit	Definition or Relationship
pascal (Pa)	$1 \text{ kg m}^{-1} \text{ s}^{-2}$ $(N/m^2)$
bar	$1 \times 10^5 \text{ Pa}$
atmosphere (atm)	101,325 Pa
torr	1/760 atm
760 mm Hg (at 0°C)	1 atm
14.6960 pounds per square inch (psi, lb in <sup>-2</sup> )	1 atm