

Is carbon monoxide heavier than air?

What is the diffusion of carbon monoxide in air?

Carbon monoxide is not heavier than air. The molecular weight of CO is 28 grams per molecule (g/mol), whereas the molecular weight of air is approximately 29 g/mol. Because carbon monoxide is almost identical to the molecular weight as air the diffusion of carbon monoxide in air is relatively even, meaning that a source of carbon monoxide can distribute the gas evenly throughout the room and house. When installing a carbon monoxide alarm, choose a location where the alarm will stay clean, and out of the way of children or pets. See User's Manual for specific installation requirements.