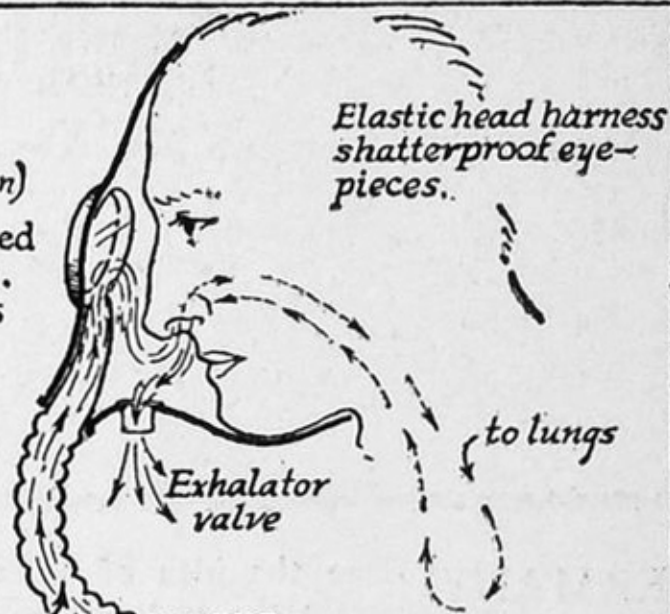


How a Gas Mask Works

(A military mask in diagrammatic section)

Equipped with a canister developed by the Chemical Warfare Service, U.S. Army. This canister protects against all known war gases for several months under field conditions; or will withstand continuous high concentrations for more than a day.



purified air

Metal shell to protect filtering contents of canister.

Air jacket surrounding core of filtering materials.

Layer of felt (woolen or cotton) to remove solid particles such as toxic smokes.

Granules of activated charcoal and soda lime mixed. Charcoal holds the gases on its surface, adsorbs them. Soda lime acts chemically on acid gases.

Central space lined with perforated metal. This arrangement makes breathing easier than in old-type solidly filled canister.

