

lope forms a wall, a nozzle carried by said boiler section at the top thereof for discharging mercury vapor into the pump section, a separate tube having the top end closed disposed over said nozzle section for receiving mercury vapor, said tube having at least one series of apertures through the wall to form a pump stage, a baffle carried by said tube around said series of apertures for directing mercury vapor downwardly

toward the boiler, said tube being loosely disposed around said nozzle so that condensed mercury may flow into the boiler from around the outside of the bottom of said tube, an air inlet at the top of said pumping section and an air outlet at the bottom of said pumping section.

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