Mixing chamber of a liquid-vapor jet apparatus consists of a narrowing converging section and a subsequent cylindrical section. The profile of the narrowing converging section has a parabolic shape, the geometry of which is described by the formula $r_i = 0,879 \cdot x_i^2$, where r_i is the current value of the radius of the narrowing converging section of the mixing chamber, and x_i is the current value of the axial coordinate of the narrowing converging section of the mixing chamber.