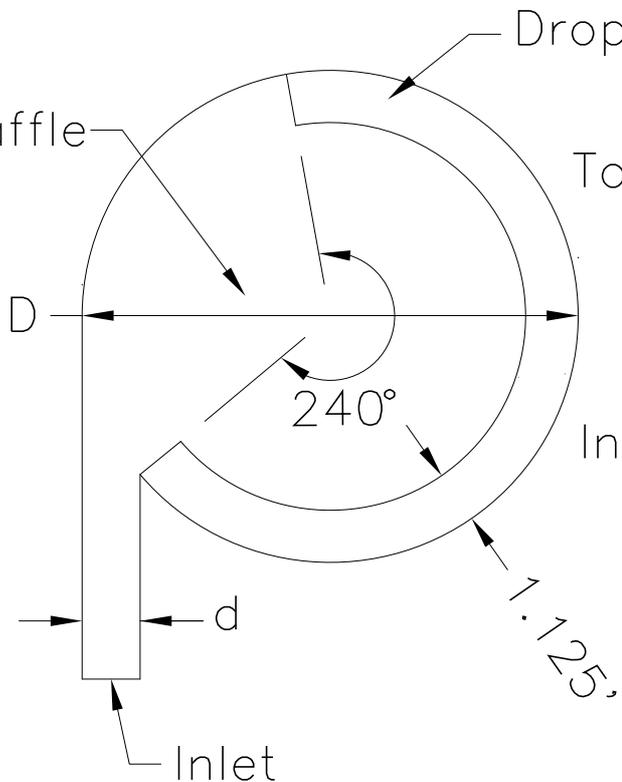


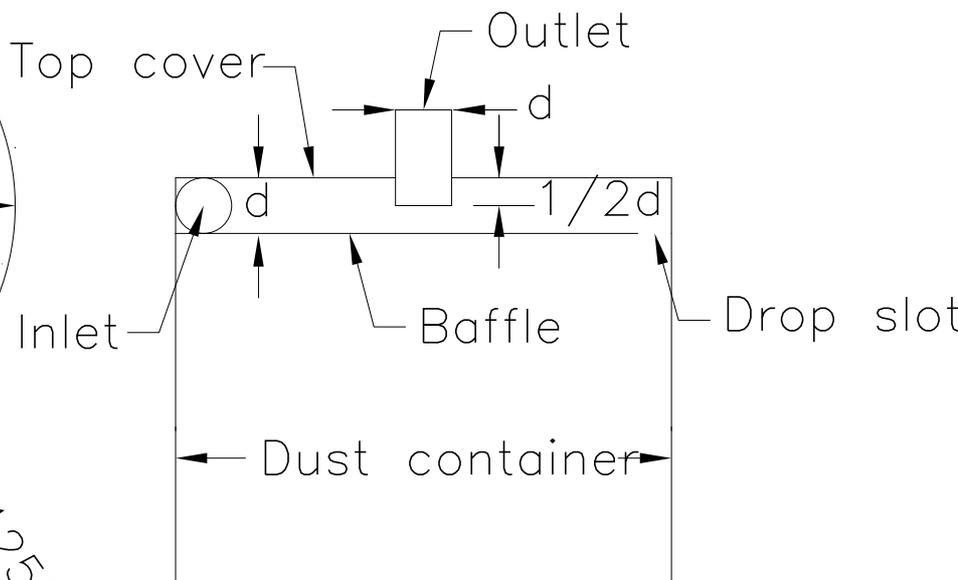
THIEN SEPARATOR (TOP HAT)

Design guidelines

TOP VIEW



SECTION



- 1— The design may be scaled to suit.
- 2— The only fixed dimension is the slot width.
- 3— The configuration may be flipped over to place the inlet on the right-hand side. CW or CCW air rotation does not matter.
- 4— D and d can be any size within reasonable limits.
- 5— The shape and size of the dust container do not affect operation.
- 6— The baffle goes on top of the container. Use a thin material for its construction ($1/8''$ hardboard).
- 7— The cover is a solid disc with the outlet hole in its center
- 8— A smooth finish on the inside and an airtight construction improve operation substantially.