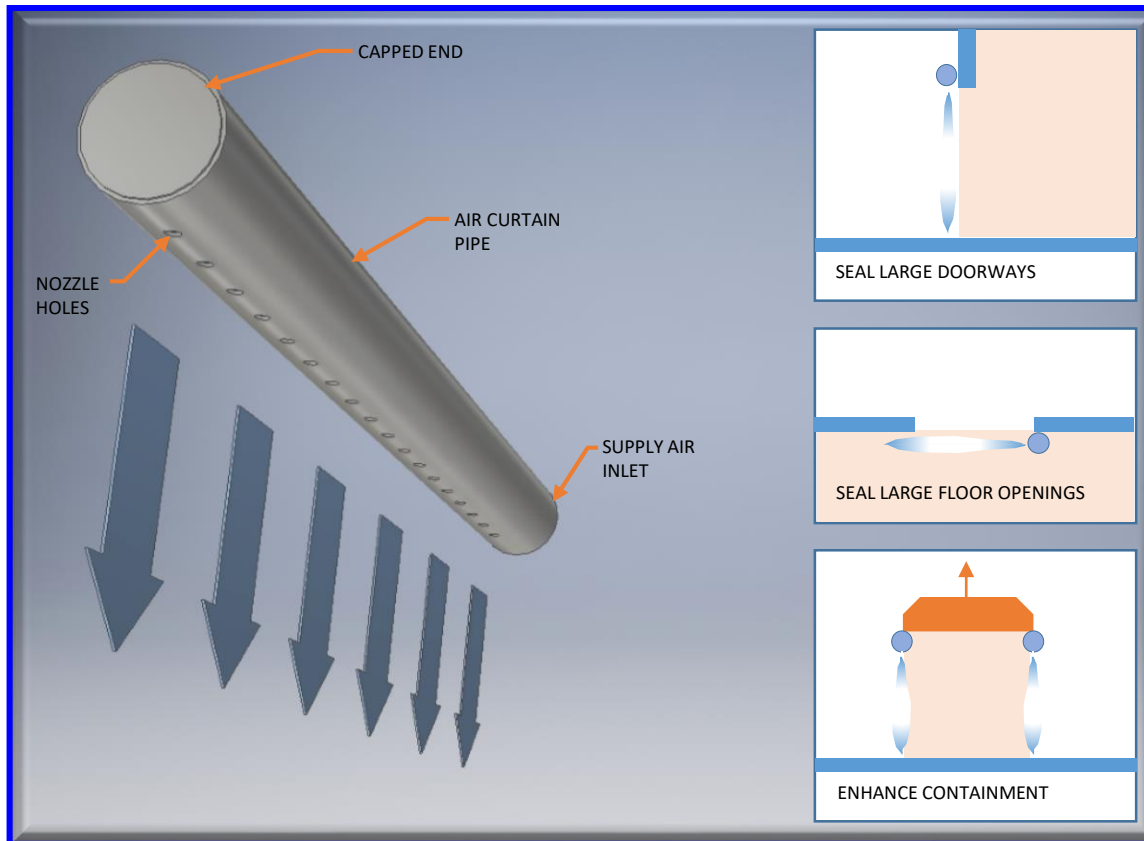


AIR CURTAINS



PONKA Engineering
Alliance

Application:

- Produces a boundary to isolate zones to prevent passage of air
- Generates desirable air flow patterns

Features:

- Fabricated with Mild Steel Painted or Stainless Steels
- Custom support brackets

Benefits:

- Less obstructive and usually lower cost than physical enclosures
- Enhances the performance of containment ventilation systems; Use of air curtains on a dust containment hood results in less required exhaust flow
- Helps prevent passage of dust, bugs and birds through large doorways; usually costs less and it is safer than a roll top door
- Simple and robust design

How it works:

- The air curtain pipe is supplied with pressurized air from a centrifugal fan
- The air discharges from a series of holes and combines to form a linear jet
- The linear jet serves as an invisible boundary
- The air curtain geometry, air pressure and air flow rate are customized to suit the application