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- Design of a ventilation system is done in a series of steps, from the entry toward the stack
- For each element of the system we need to assess the total pressure, pressure loss and total airflow at the start and end of that element
- The basic building blocks are hoods, straight ducts, elbows, expansions / contractions, and junctions
- In most cases, the pressure loss is proportional to the velocity pressure in the duct































