

Download Cibse Guide Pipe Sizing

by Charles E. Gullledge III, P.E., MAI, Chair ASHRAE Technical Committee 7.1 - Integrated Building Design, Senior Mechanical Engineer - AC Corporation; and Dennis Knight, P.E., LEED AP, Secretary ASHRAE Technical Committee 7.1 - Integrated Building Design, Director of Technical Support - Liollo Architecture for the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc ...A duct system often begins at an air handler. The blowers in the air handler can create substantial vibration, and the large area of the duct system would transmit this noise and vibration to the inhabitants of the building. To avoid this, vibration isolators (flexible sections) are normally inserted into the duct immediately before and after the air handler. The rates of outdoor make-up or supply air in the table below can be used as a guideline in the design of ventilation systems. Air Shifts. Air shift is the number of times the air in a room is replaced by supply air per hour and can be expressed as

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