

MEP SPACE REQUIREMENTS

Following are minimum requirements for floor space and floor-to-structure height for equipment rooms for various building types as classified on the basis of diversified maximum airflow rates. Note: These requirements are for buildings served by central distributed steam and chilled water services. If boiler(s) and/or chiller(s) are located within a building, these numbers shall be increased accordingly.

Diversified Maximum Airflow Rate (i.e. Total of Maximum Airflow Rates through all Air Handling Units):

< 1.0 CFM/GSF (Office/Classroom Bldg.)	1.0-1.5 CFM/GSF (Lt. to Med. Lab Bldg.)	> 1.5 CFM/GSF (Hvy. to X-Hvy. Lab Bldg.)
1. 12% of GSF for MEP	15% of GSF for MEP	18% of GSF for MEP
2. 12 Ft. Floor-to-Structure	14 Ft. Floor-to-Structure	16 Ft. Floor-to-Structure
3. (14 Ft. Floor-to-Floor)	(16 Ft. Floor-to-Floor)	(18 Ft. Floor-to-Floor)

Following are minimum requirements for ceiling-to-structure space for MEP infrastructure for various building types as classified on the basis of undiversified maximum airflow rate.

Undiversified Maximum Airflow Rate (i.e. Total of Maximum Airflow Rates through all Room Terminal Units and Devices):

< 1.5 CFM/GSF (Office/Classroom Bldg.)	1.5-2.0 CFM/GSF (Lt. to Med. Lab Bldg.)	> 2.0 CFM/GSF (Hvy. to X-Hvy. Lab Bldg.)
4. 3 Ft. Ceiling.-to-Structure	4 Ft. Ceiling-to-Structure	5 Ft. Ceiling.-to-Structure
5. (14 Ft. Floor-to-Floor)	(15 Ft. Floor-to-Floor)	(16 Ft. Floor-to-Floor)

Description of individual line items above:

1. The minimum acceptable percentage of the overall building GSF to be utilized for **mechanical, electrical, plumbing and fire protection equipment rooms** (not including vertical duct/pipe shafts/chases).
2. The minimum acceptable dimension from the floor to the lowest overhead structural component to accommodate central station equipment and associated infrastructure on the **primary equipment room level(s)** of a building.
3. (A typical corresponding floor-to-floor dimension.)
4. The minimum acceptable dimension of the clear space from the top of the ceiling to lowest overhead structural component to accommodate the installation of ventilation ductwork and other mechanical, electrical, plumbing and fire protection infrastructure on the **other level(s)** of a building.
5. (A typical corresponding floor-to-floor dimension.)