

CHAPTER 4 VENTILATION

403.3.2.2 100-percent outdoor air systems. Where one air handler supplies only outdoor air to one or more zones, the system outdoor air intake flow rate (V_{ot}) shall be determined using Equation 4-4.

$$V_{ot} = \sum_{all\ zones} V_{ot} \quad V_{ot} = \sum_{all\ zones} V_{ot} \quad \text{Equation 4-4}$$

403.3.2.3.3 Uncorrected outdoor air intake. The uncorrected outdoor air intake flow rate (V_{ou}) shall be determined in accordance with Equation 4-6.

$$V_{ou} = D \sum_{all\ zones} R_p P_z + \sum_{all\ zones} R_a A_z \quad V_{ou} = D \sum_{all\ zones} R_p P_z + \sum_{all\ zones} R_a A_z \quad \text{Equation 4-6}$$

(No change to remainder of text)

**TABLE 403.3
MINIMUM VENTILATION RATES**

OCCUPANCY CLASSIFICATION	PEOPLE OUTDOOR AIRFLOW RATE IN BREATHING ZONE R_p CFM/PERSON	AREA OUTDOOR AIRFLOW RATE IN BREATHING ZONE R_a CFM/T ^{2 a}	DEFAULT OCCUPANT DENSITY #/1000 FT ^{2 a}	EXHAUST AIRFLOW RATE CFM/FT ^{2 a}
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(No change to portion of Table not shown)

(Variable " R_p " has been added after Zone in the 2nd Heading Column)

404.2 Minimum ventilation. Automatic operation of the system shall not reduce the ventilation airflow rate below 0.05 cfm per square foot ($0.00025 \text{ m}^3/\text{s} \cdot \text{m}^2$) of the floor area and the system shall be capable of producing a ventilation airflow rate of 0.75 cfm per square foot ($0.0076 \text{ m}^3/\text{s} \cdot \text{m}^2$) of floor area.

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403.3.2 System outdoor airflow. The outdoor air required to be supplied by each ventilation system shall be determined in accordance with Section 403.3.2.1 through ~~403.2.3~~ 403.3.2.3 as a function of system type and zone outdoor airflow rates.