

Section 185.457 Outdoor Air Required

- a) Every Assembly, Educational and Special Educational Occupancy room or space (not including toilet, shower or locker rooms, corridors, stairs, etc.) having a capacity of more than 10 persons shall be provided with outdoor air at a minimum rate of 5 cfm per occupant whenever the room or space is occupied.
- b) The above requirement shall be considered to be met where one of the following conditions exist:
 - 1) The room or space has movable or operable exterior doors and/or windows with total area of wall opening not less than 1 sq. ft.-per occupant or 3% of the net floor area.
 - 2) The room or space has movable exterior windows with not less than 1/2 sq. ft. per occupant or 1 1/2% of the net floor area plus an exhaust fan system capable of exhausting 5 cfm per occupant whenever the room or space is occupied with windows open.
 - 3) All windows included in the movable window area calculations as provided above shall be equipped with deflectors arranged to avoid drafts on the room occupants.
 - 4) The occupancy of any room or space (for determining air circulation and/or outdoor air requirements) shall be (a) actual occupancy; or (b) 60% of exit occupancy calculated from table in Section 185.310(f)(4), whichever is the largest.
- c) In cases not included under (b) preceding, the requirements of (a) above shall be met by fan air supply systems-(unit ventilators, unit heaters, central and furnace systems, etc.) which introduce the required volume of outdoor air to each room or space without drafts.