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Subject: Title 24, Part 4 - Edit to Section 407.5.1.3 - New requirement 2025 OSHPD Amendments to 2025 California Mechanical Code
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407.5.1.3

407.5.1.3 Spaces with pressure requirements per Table 4-A shall utilize an automatic modulating damper in the return or exhaust air for each space. The damper will modulate from full open to minimum position in conjunction with the supply air VAV terminal equipment to maintain space pressurization.

Recommendation:

Space pressurization comes in two types. The first type is with a minimum pressure magnitude that must be maintained. This is for spaces like operating rooms and protective environment suites. The second type does not have a magnitude requirement – like toilet rooms and janitor closets. These are the nonsensitive spaces. The term being inserted here, “to maintain space pressurization”, is vague in that the space pressurization may be maintained for spaces without magnitude requirements (nonsensitive) without any modulation of a return/exhaust damper. These non-sensitive areas are the subject of the parent Section 407.5.1 – “For nonsensitive areas, variable air volume systems meeting the following criteria can be considered:”. The statement “to maintain space pressurization” should not be inserted without further evaluation.

Thank you,

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