STATE BUILDING CODE INTERPRETATION NO. 14-17


SECTION: C402.4.5.2 Outdoor air intakes and exhausts

QUESTION 1: Is it the intent of the state energy code to require outdoor air supply and exhaust openings and relief outlets to have a maximum damper leakage rate of 4 cfm/ft\(^2\) at 1.0 inches water gauge?

ANSWER 1: Yes. It is the intent of the WSEC and 2015 IECC to require outdoor air supply, exhaust openings, and relief outlets to comply with Class I requirements. Class 1A dampers are required to meet a maximum leakage rating of 3.0 cfm/ft\(^2\) while a Class I damper is required to meet a maximum leakage rate of 4.0 cfm/ft\(^2\).

Please note the Council intends to pursue a rule change to clarify this intent.

QUESTION 2: Do these maximum damper leakage requirements apply to dampers installed within package unitary HVAC equipment?

ANSWER 2: Yes, for outdoor air and exhaust, but not for return air.

SUPERSEDES: None

REQUESTED BY: Pierce County