



**Informal Interpretation Report
Number 6275**



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Section 606.2.1

Question:

Is it the intent of Florida Building Code - Mechanical Section 606.2.1 to require duct smoke detectors in supply air systems with design capacity greater than 2,000 cfm, at installations such as a fan coil unit serving a single room with a short run of supply duct that serves no other areas or spaces beyond the immediate location of the fan coil unit?

Answer

Yes. Florida Building Code - Mechanical Section 606.2.1 requires duct smoke detectors in all supply air systems with a design capacity greater than 2,000 cfm. Although the section contains one exception permitting the use of area smoke detectors, there is no exception to the smoke detector requirement under the condition described in the question.

Commentary:

An alternate materials and methods request may be made to the building and fire official for an exception based on the limited area covered by the system. As the requirement for duct smoke detectors is contained in both the Florida Building Code - Mechanical and NFPA 90A, the request may require the approval of both the building code official and the fire code official.

Notice:

The Building Officials Association of Florida, in cooperation with the Florida Building Commission, the Florida Department of Business & Professional Regulation, ICC, and industry and professional experts offer this interpretation of the Florida Building Code in the interest of consistency in their application statewide. This interpretation is informal, non-binding and subject to acceptance and approval by the local building official.