



**Informal Interpretation Report
Number 9571**



Date August 14, 2026

Edition 2023

Section 606.2.2

Question:

If two individual air handlers that do not share duct work with the two additional units in the same mechanical room have a combined air flow of all air handlers added together is above 2,000 cfm with no dividing walls, do the units require duct detectors?

Answer

Possibly, If the units have a common return air inlet from the space exceeding 2000 cfm and the return inlets to the units are not ducted, and pull air into a common mechanical closet where the supply air is not independent, it would require duct smoke detectors. Mechanical room plenums that mix return air from multiple units will spread smoke into all systems.

If the units under 2000 cfm have separately ducted returns to the areas they serve, then they would not be required to have duct smoke detectors. The intent is not to spread the smoke into multiple areas that have supply systems over 2000 cfm.

Commentary:

None.

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.