

(This foreword is provided for information only and is not part of the draft addendum.)

FOREWORD

Draft Addendum 90.1o – 1st Public Review Draft. There are several issues addressed in this addendum:

This addendum makes it clear that multiple control zones can be grouped into a single isolation area, and that the isolation areas shall not exceed 25,000 ft² nor shall they include more than one floor.

There has been some confusion over the scope of this requirement. Many non-office occupancies such as terminals, large retail stores and others have large spaces which are operated on a common schedule. These occupancies are exempt from this requirement under the first sentence.

The detailed performance requirements were stricken as they were considered redundant to the requirement for “stable system and equipment operation”.

Addendum 90.1o

6.2.3.2.5 Zone Isolation. *HVAC systems* serving zones that are intended to operate or be occupied non-simultaneously shall be divided into isolation areas. Zones may be grouped into a single Each isolation area shall be no larger than provided it does not exceed 25,000 ft² (2300 m²) of conditioned floor area nor include more than one floor.

Each isolation area shall be equipped with *isolation devices* capable of automatically shutting off the supply of conditioned air and outside air to, and exhaust air from, the area. Each isolation area shall be controlled independently by a device meeting the requirements of 6.2.3.2.1 (Automatic Shutdown). For central systems and plants, controls and devices shall be provided to allow stable system and equipment operation for any length of time while serving only the smallest isolation area served by the system or plant. ~~If an isolation area has a design air flow of less than 35 % of the airflow of the smallest supply fan serving the isolation area and is required to be open for extended hours of occupancy, then additional isolation areas shall also be permitted to be open, provided that not more than 40 % of the airflow of the smallest supply fan serving the isolation area is open.~~