

FACILITIES STANDARD

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NAME : Terminal Boxes – General
NUMBER : 15975

ORIGINAL DATE : 03-01-94
REVISION DATE : 02-23-98

PURPOSE:

1. The general purpose of each Facilities Standard is to provide minimal criteria for construction materials at University facilities regarding code compliance, warranty, approved products, execution and uniformity.
2. To protect the health and safety of patients, visitors, students, faculty and staff, in addition to protecting non-project UAB property, all construction must be in accordance with: NFPA 241 safeguarding construction, alteration and demolition operations; Standard Building Code, Chapter 33, regarding site work, demolition and construction; NFPA 101 Life Safety Code.
3. Construction safety is the responsibility of the contractor in accordance with the regulations and codes of the agency having jurisdiction, and according to the guidelines adapted by OSHA.
4. The **Terminal Boxes General Facilities Standard** establishes a series of guidelines for specifying this particular item on any construction project at the University. ***This Facilities Standard is not to be regarded as a specification.***

GENERAL:

1. These devices are not normally classified as controls, but they perform a critical control function and for the purpose of UAB are classified as Type 2 Controls as specified in UAB Facilities Standard No. 15950, HVAC Controls – General. Please note the communication and documentation requirements for Type 2 Controls in Standard 15950. The selection of these devices shall be carefully made by the design engineer and the specifications shall be tightly written to provide minimum leakage consistent with the functions required.
2. Air terminal devices should be pressure independent devices. The pressure independent box or variable air volume box requires a specific amount of straight run

of duct entering the terminal box that is specified by the manufacturer. It is the University's desire that this distance be installed as rigid duct unless specifically approved by the design engineer to be otherwise.

3. Box control will be 100% compatible with the existing building systems and it will be connected to the existing system. In the absence of an existing system, communication will be run to a centrally located machine room. All Terminal Boxes will be wired together to form a data highway for communication.
4. Terminal boxes will be located with a minimum of 20 inches clear access to any damper, access door and control device attached.

PRODUCTS:

1. Air terminal boxes currently in use at the University are: Titus, Price, and Carness and Siebe.
2. Dampers will be gasketed and have metal shafts.
3. The use of tri-state motors for terminal box control must be approved by the maintenance department engineer in the area where they are to be installed.

EXECUTION: Not Applicable

END OF STANDARD

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NAME : V.A.V. Terminal Boxes
NUMBER : 15975

ORIGINAL DATE : 11-01-92
REVISION DATE :