Air Terminal Units | 23 36 00

The following information shall be included in specifications prepared for use on all University of Cincinnati construction and renovation projects. This information is supplemental and not intended to be a complete specification.

GENERAL STANDARDS

General Criteria
This section addresses air terminal devices that control air volume and air temperature. It does not include manually controlled devices such as registers, grilles, diffusers, boots, and louvers.

Design Criteria –
- A terminal unit is required for each office, lecture room, and laboratory.
- Each terminal unit shall be electronically controlled and tied into the campus DDC system. All units with reheat coils shall have discharge air temperature sensors. Refer to section 23 09 00, Automatic Temperature Control Systems.
- All terminal unit components shall be fully accessible with three feet minimum clearance on the control’s side. Reheat piping shall not interfere with control access or unit maintenance. Coordinate with ceiling access panels where required.
- Identification tags shall be installed on the bottom of each terminal unit.
- Terminal units shall have a minimum of 5 duct diameters of straight, rigid ductwork at the inlet. No flexible duct shall be used at the inlet or anywhere in the high pressure duct system upstream of the terminal unit.
- Terminal units within return plenums shall utilize sheet metal controls enclosures to isolate all non-plenum rated controls components from the plenum.
- Control wiring serving air terminal units shall be plenum rated.
- Each air terminal unit shall have its own tap from the high pressure main duct.

PRODUCT STANDARDS
(No Standards for this Section)

EXECUTION STANDARDS
(No Standards for this Section)

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