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

General information on prohibited and preferred practices:

1. Specify filter differential pressure gage to measure filter pressure drop for each filter bank.
2. Provide sufficient space to access and service filters
3. Design filter assembly so that face velocity does not exceed 500 fpm.
4. Specify all filters to be the same size, preferably 24” x 24”.

Minimum requirements:

1. Electrostatically charged filters shall not be used.
2. If extended surface, full media exposure, tapered multipocket filters are used, they shall be designed for use without prefilters, Camfil FARR, Hi-Flow ES or equal.
   a. Rated for 10” WG minimum.
   b. Gasketed header frame.
   c. Life cycle analysis, unique to each air-handling unit, shall be performed to determine optimal filter change-out pressure drop. This value shall be included in the building O&M manuals.