

PART 1: GENERAL

1.01 Purpose:

- A. This standard is intended to provide useful information to the Professional Service Provider (PSP) to establish a basis of design. The responsibility of the engineer is to apply the principles of this section such that the University may achieve a level of quality and consistency in the design and construction of their facilities. Deviations from these guidelines must be justified through LCC analysis and submitted to the University for approval.

1.02 References:

A. Codes and Standards:

- 1. ANSI/ASHRAE 52.2 – Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size.

1.03 Requirements:

- A. Provide area for removal of pre-filter from upstream of airflow and final filter from downstream of airflow.
- B. Indicate on drawings filter requirements, single or dual. Only filter sizes of 24” x 24” and 24” x 12” are acceptable. Recirculating units shall typically require single filter bank.
- C. Provide dual filter arrangement on dedicated outside air units.

PART 2: PRODUCTS

2.01 Filters:

- A. Filter Section (Dual Filter Bank): Provide filter sections to allow for 2” thick, pre-filter, dry type,