

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 Requirements:

- A. Air Handling Units shall be designed to the specific requirements of the application: Recirculation or 100% Makeup. SHSU requires the use of fan wall technology where applicable.
- B. All Air Handling Units shall be fin and tube type constructed of seamless copper with aluminum fins mechanically bonded to the tubes and copper headers. Aluminum tubes and headers will not be allowed NO EXCEPTIONS.
- C. AHU shall utilize fan wall technology where possible.
- D. AHU mechanical rooms shall be designed to facilitate removal and installation of tube bundles without requiring modifications to building.
- E. AHU must have UVC lights installed between filter rack and coil section. UVC Lights must have an inspection port installed.

PART 2: PRODUCTS

