1 Filtration Media

1.1 The filter media should have a ‘tackifier’, dust holding agent, applied to the surface.
1.2 The final filter media should contain a fiber-bound anti-microbial agent, either a biocide or a biostatic.

2 Air Handling Unit Filters

2.1 Design filters to be either 24”x24” or 24x12” in face dimensions.

Note: The goal is to simplify filter replacement and avoid having boxes of odd sized filters lying around the mechanical rooms.

2.2 All filter racks must be designed to hold both a pre-filter and a final filter and be fully gasketed and sealed around the entire perimeter of each filter.

2.3 For units less than 60” tall, filter racks can have side access allowing the filters to be removed through the access door.

Note: The designer should verify that the ‘slide-in’ tray is sized to hold the specified filter.

2.4 For units more than 60” tall, filter racks should be ‘front loading’ with a securing system allowing the filters to be removed individually by a worker inside the unit.

2.5 All filter housings need a factory installed 0.0” to 2.0” magnehelic differential pressure gauge.

Note: This allows for quick visual confirmation of the pressure drop.

3 MERV Rating

3.1 MERV 6 pre-filter (when used)
3.2 MERV 13 main filter