

234000 HVAC Air Cleaning Devices

1.1 AIR CLEANING DEVICES

- A. FILTERS: The following are baseline requirements for air filters. Additional requirements for specific installations, such as for air handling units with coils, are described with the equipment.
1. Select filters according to project requirements the pleated type extended surface air filters with a dust spot efficiency rating of 80%, which corresponds with the Minimum Efficiency Reporting Value (MERV) of 15 as per ASHRAE Standard 52.2. Pleated, extended surface filters are preferred.
 2. Provide delta-P gauges for filter section (not pre-filters).
 3. Provide the manufacturer's information concerning pressure drop through the filters and recommended maintenance intervals necessary to prevent filter blowout and clogging.
 4. Carbon filters are not allowed without written permission from Facilities Services.
 5. Where required to meet air quality requirements filters (individual and banks) shall be sealed to prevent infiltration of by-pass air. Areas that do not require sealed filters should not use them.

END OF SECTION