

Z-Line Pleated Filter

Construction Specifications

Carbotron Series

Z-Line Series **Carbotron Air Filter** is an extended surface pleated media filter. The gradient density media combines particulate filtration with odor control in a single filter unit. The media shall be pleated in a tapered radial configuration. An expanded metal reinforcement shall be laminated to the air-exit side of the media by a thermo-setting adhesive to maintain continuity of the radial pleats. The expanded metal shall be galvanized to resist rust and corrosion. The pleated cartridge shall be bonded to the peripheral interior of the outer frame. A heavy-duty moisture-resistant beverage board shall be utilized for an encasing frame. The frame face shall be internally laminated to the pleated cartridge apexes. Z-Line Carbotron filters shall be rated to withstand temperatures of 180 degrees Fahrenheit. Z-Line Carbotron filters shall be rated under U.L. std. 900. The Z-Line Carbotron shall be rated MERV 8 when tested in accordance with the ANSI/ASHRAE 52.2 Test Standard. The recommended final pressure drop shall be 1.00" w.g.

