



ATECS, Inc.

Advanced Technology Environmental Control **S Y S T E M S**

ATECS

ACCESSORIES

PLENUM SYSTEM FILTER DAMPERS

Filter dampers shall be sliding plate, Plenum (skirted) or Flat Plate type, fabricated of Mil. Finish Aluminum (With options for: MATERIAL: Carbon Steel, Stainless Steel, Flame Retardant Polypropylene or PDVF. FINISH: Anodizing, Epoxy Powder Coat, Conductive Powder Coat, or others specified.). The slide plate shall be above the fixed plate thus reducing leakage to no more than 5% of the fully open flow and pressure differential shall not exceed 0.03"WC; at a face velocity of 90 FPM. Adjustment of the damper shall be on the cleanroom side in the dead center of or, (depending on the filter style), 2.50" off the center line at the narrow end of the filter housing, (with access ports through the grid system supporting the filters), with a one-step adjustment and self lock. Performance of the damper shall be tested in an AMCA certified lab in accordance with AMCA Standard 511-89 for Volume Control Dampers. The damper fixed plate shall be attached to the filter housing by double backed tape around the full perimeter for flat plate type and on the narrow sides for the plenum (skirted) type.