

- I. Installing filters (see Details XV & XVI, except for ECF-1000 – see DETAILS XVII - XXI):
  - 1. Intake filters are 20"x 20" square with a support frame and are installed in the intake filter grid with the tacky surface (green side) facing the booth interior.
  - 2. Exhaust filters are 20"x 20" square and are installed in the exhaust filter grid using two filter support rods.
  - 3. Intake and exhaust filters for ECF-1000 are blanket filters.
- J. Installing Manometer (draft gauge). Install the manometer in accordance with the manometer manufacturer's installation instructions and the attached drawing (GENERAL INSTRUCTIONS-MANOMETER).
- K. Draft gauge setting:
  - 4. Calibrate the draft gauge with exhaust unit running. Note the height of the oil column (in inches of water) on the draft gauge. Mark this point with a piece of tape to indicate the pressure with clean arrestor pads
  - 5. Take pieces of cardboard and partially cover the arrestor pads in checkerboard fashion to simulate clogged filters. Add sufficient pieces of cardboard until the surface velocity drops to the minimum allowable 100 feet per minute (air speed measured by a velometer). Note the reading on the draft gauge and mark with tape. This is point (pressure) at which to change the arrestor pads
  - 6. Upon removal of all cardboard, the pressure should return to its original point on the draft gauge marked with tape.
  - 7. The paint spray booth is now ready for operation.