ACTIVE FILTRATION
By Elite Manufacturing Specialists

Manometer Instructions:

The manometer installed on Active Filtration units allow users to operate their units as cost effectively as possible by maximizing filter life, and operating the electric motor at maximum efficiency.

How to utilize your manometer:

The manometer located on the center section of the unit is factory calibrated, and set for clean filter operation. With clean filters installed, the manometer will read approximately 0.5 inches of water. As the filters capture particles as part of the air filtration process, air flow restriction increases and in turn increase static pressure inside the unit. When the manometer reads over 1.20" of water, as marked by the larger black marking, it is time to evaluate the filters.

New Filters

Check filters

Suggested filter evaluation process when reading is over 1.2" of water:

1) Replace both paper pre-filters and run unit to check manometer reading
2) If below .6 inches of water, do not change bag filters and continue with normal operation
3) If reading is still above 1.2" of water, also replace the primary bag filters

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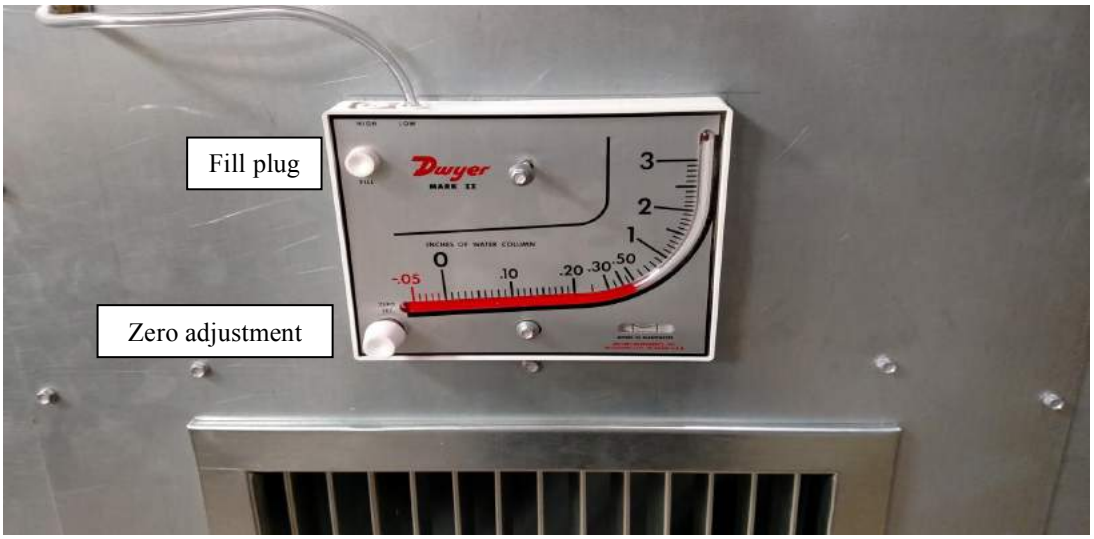
Note: Fluid will leak out of manometer if shipping plugs are removed and unit is not kept vertical.

Trouble shooting:

1) Fluid has leaked out of unit:
    a. Turn the zero set knob counterclockwise until it stops, then turn clockwise 3 full turns. The puts zero in approximately the middle of the travel adjustment in either direction. Remove the fill plug and fill with gage fluid until fluid reaches zero on the scale. Minor adjustments can be made to adjust zero by adjusting zero knob. Replace fill plug. If gage is overfilled, remove excess by inserting pipe cleaner through the fill port to lot up excess fluid.
    b. Note: unit requires minimal amount of fluid so be careful not to over fill.
    c. Confirm fluid being used is correct for the Dwyer II series manometer (extra fluid is shipped with unit)
2) No reading when machine is operating
    a. Check hose is connected securely to the low side of the manometer, and the probe
    b. Confirm probe located inside unit is clean and free of debris clogging small air passages



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