

5 G - 1 0

Maintenance

Filter Assembly

Filter Operation

The 5G-10 incorporates a high performance filtration/water removal system. The filter housing contains two filters. The lower filter is a metal mesh screen that removes large particles from the exhaust sample. The upper filter is a fiber element that filters the fine particles from the exhaust sample. The lower metal screen filter can be cleaned with soap and water. The upper fiber filter must be replaced when dirty.

Attached to the lower portion of the filter bowl is a water drain check valve. Any water that accumulates in the lower portion of the filter bowl is emptied automatically via a flow reversal/pressure change controlled by the microprocessor. Please see figure 8.

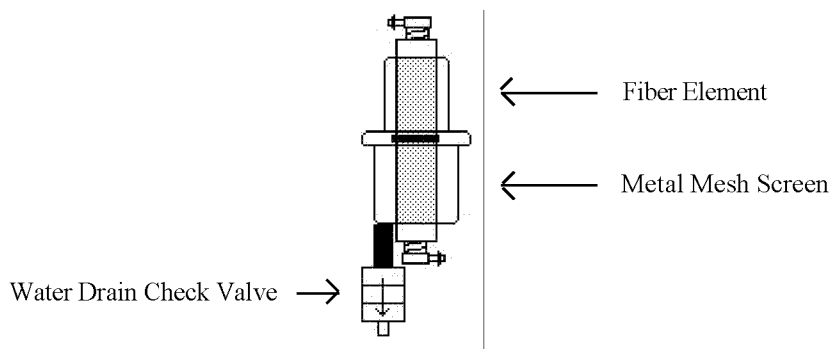


Figure 8