

HVP-4300 AFC SERIES

Description

The HVP-4000AFC-Series high volume air samplers are housed in a clear-anodized aluminum outdoor shelter. The units incorporate a maintenance-free, two or three stage centrifugal blower powered by a brushless, variable speed, maintenance free motor. Blower selection is dependent upon individual sampling environment. The speed of the motor is controlled by a programmable logic controller (PLC) that accepts an input from a mass or volumetric flow sensor mounted in the sample air flow stream. The PLC detects changes in the operator's pre-set flow rate due to changes in temperature, barometric pressure and pressure drop due to dust loading on filter media. It compensates for these changes by adjusting the motor speed to maintain the pre-set flow rate.



Product Highlights

- Automatic/PID Mass or Volumetric Flow Control
- Networking & Communication Capabilities
- Continuous Data Logging
- Auto Calibration feature
- Programmable Timer & Total Volume Shut-Off
- Brushless 2 or 3 Stage Blower Motor
- For Continuous Use/Maintenance Free
- Applicable to EPA's 40 CFR 50, App. B
- PM-10 Head Adaptable



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