

# HVP-5200 AFC SERIES

## Description

The HVP-5000AFC-Series high volume air samplers are housed in a clear-anodized aluminum outdoor shelter. The unit incorporates a maintenance free, 2 or 3 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 (in standard or actual units) due to changes in temperature, barometric pressure and pressure drop due to dust loading on the filter media.



## Product Highlights

- Automatic/PID, User selectable Mass or Volumetric Flow Control & Operation
- Networking and Communication Capabilities
- Barometric Pressure & Temperature Display
- Continuous Data Logging
- Removable Micro SD card
- User Selectable Flow Units (CFM, LPM or CMM)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
- Applicable to EPA's Lead Sampling Standards
- PM-10 Adaptable
- EPA Recommended Filter Shield Option available



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