

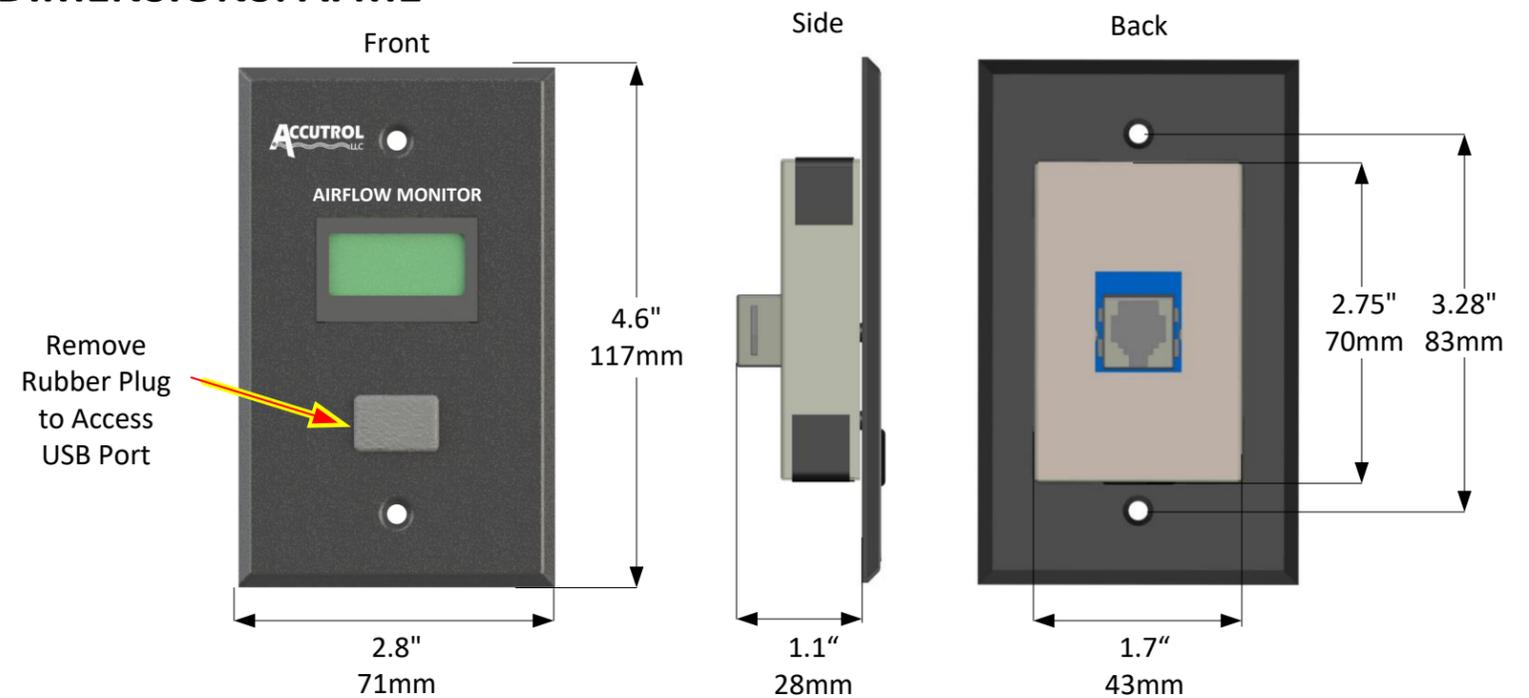
AIRFLOW MONITOR SUBMITTAL

The AFM Airflow Monitor connects directly to the AVT or AVC to provide a local airflow volume display. The AFM is offered with standard cable lengths up to 100' to ensure the unit can be mounted in a convenient location that is easily accessible. The AFM is provided with 2 mounting screws for securing to a standard single-gang electrical box.

MODEL	AFM	-	CABLE LENGTH
1 – AVT Airflow Monitor			25' Cable = 025
2 – AVC Airflow Monitor with Alarm			50' Cable = 050
3 – AVC Airflow Monitor with Alarm & Setpoint Adjust			75' Cable = 075 100' Cable = 100

NOTE: If a longer cable is required, please contact factory.

DIMENSIONS: AFM1



SPECIFICATIONS

Electrical:

The AFM is powered by the AVT or AVC using a factory provided cable.

Temperature Range:

Operating: -4°F to +158°F (-20°C to +70°C)

Storage: -22°F to 176°F (-30°C to +80°C)

Physical Construction:

AFM1: Metal plate with a black powder coating.

AFM2: Metal plate with continuous vinyl overlay provides protection from splashes

Mounting:

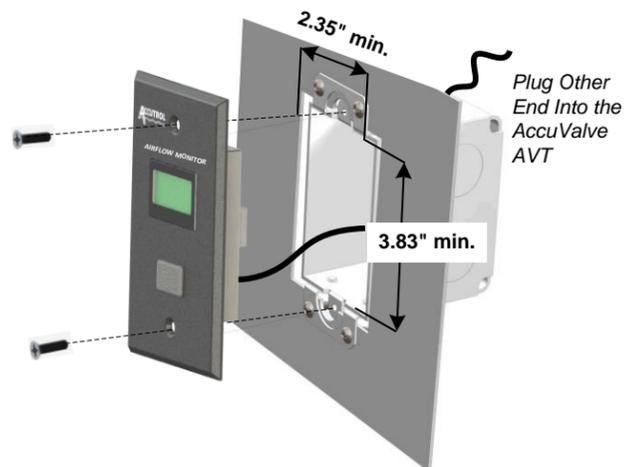
Installs directly into a standard single-gang electrical box.

Configuration Port:

Easily accessible USB Type C protected by removable rubber plug.

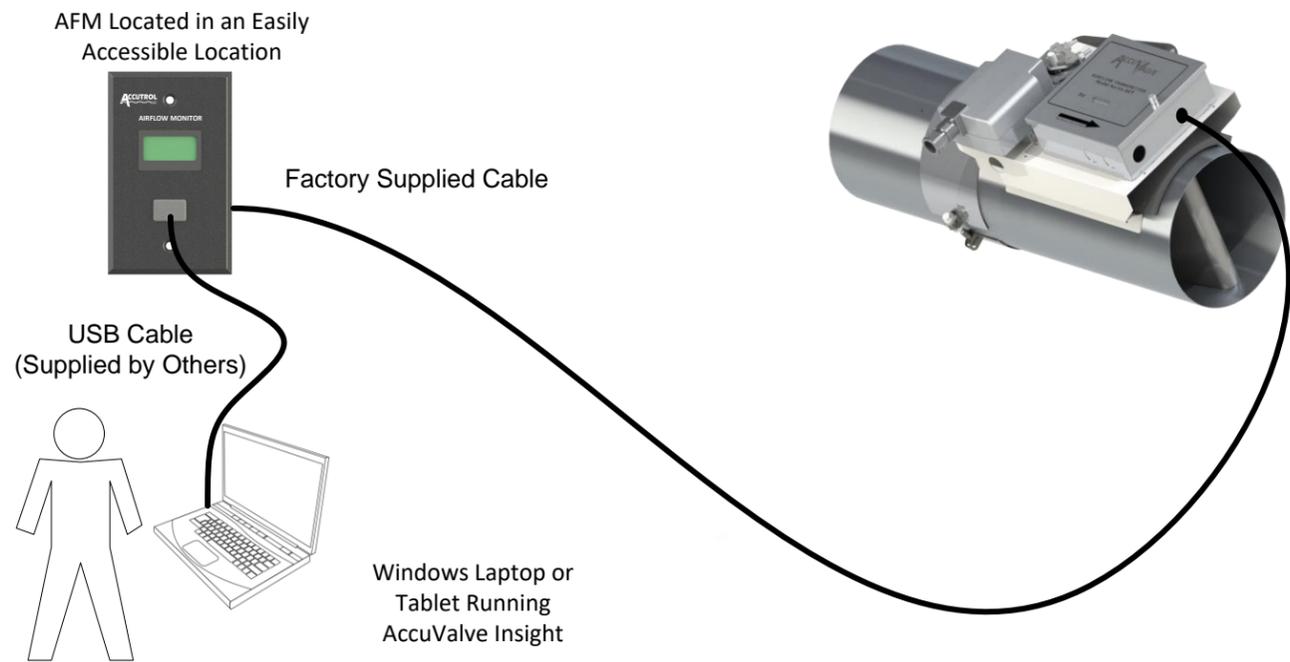
INSTALLATION

1. Feed the display cable thru the back of the electrical box.
2. Plug one end of the display cable into the RJ-45 connector located on the back of the AFM.
3. Plug the other end of the cable into the Transmitter Display Port.
4. Secure the AFM to the electrical box using the two screws provided.



APPLICATION: AFM1

Detail shown with standard transmitter enclosure



MODEL AFM2 & AFM3

The AFM2 & AFM3 Airflow Monitors connect directly to the AccuValve® Model AVC to provide a local Airflow Volume Display and Alarm Indicator. The AFM2 & AFM3 are provided with 2 mounting screws for securing to a standard single-gang electrical box and a prefabricated factory cable for connecting to the AccuValve® AVC Control Module.

FEATURES

Display

LCD; 2 lines x 8 characters with white LED backlight
 Line 1 indicates measured airflow volume
 Line 2 indicates airflow volume set point and provides informative messages

Alarm Indicators

LED; super bright red 655nm
 LCD Line 2; provides message identifying alarm type
 Audible Alarm Tone; 90dB @ 4KHz

Mute Button

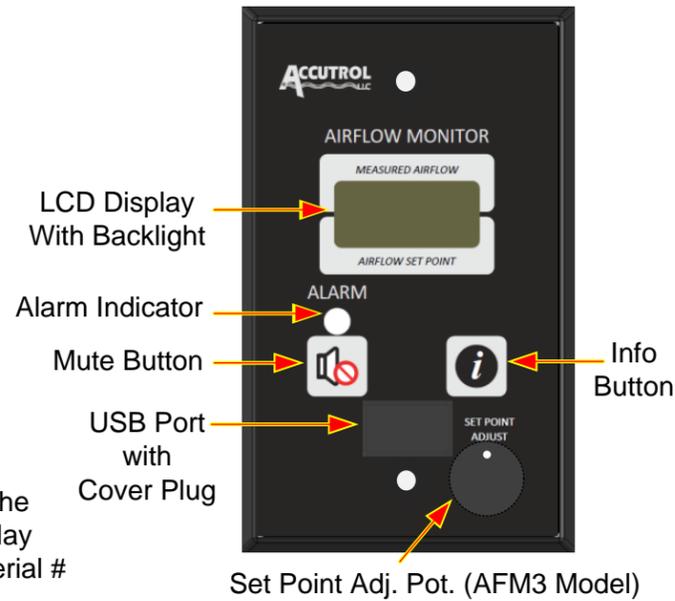
When audible tone is active, pressing the Mute Button silences the tone, pressing the Mute Button again will reactivate the tone
 Press and hold the Mute Button to sequentially display the following Info on line 2; controller firmware version, display firmware version, device object ID, MAC address and serial #

Info Button

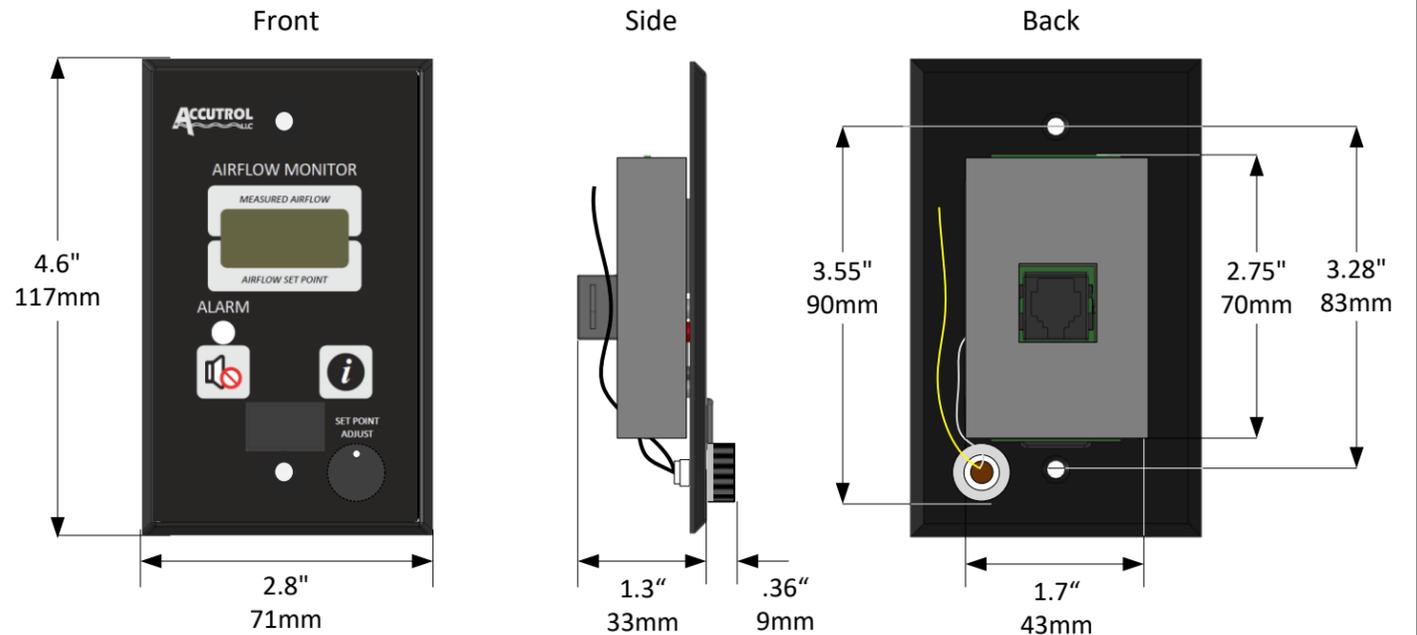
Press and hold both the Mute & Info Buttons simultaneously and the following Information will be sequentially displayed on line 2; valve position, operating mode and airflow volume set point

Configuration Port

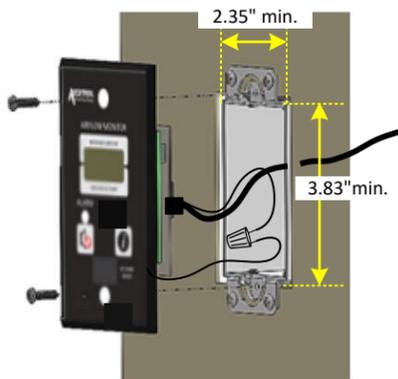
USB type mini protected by removable rubber plug
 Connect to PC with the AccuValve Insight Software
 All configuration settings for the AFM2 & AFM3 are programmed through the Accuvalve Insight Software



DIMENSIONS: AFM2 & AFM3



INSTALLATION



For AFM3 models with Set Point Adjustment ; use the wire nut provided to connect the AFM3's yellow pigtail to the Monitor Cable's yellow pigtail.

