



AFA1000/E Control Series Specification

	AFA1000/E MK2	AFA1000/E MK3
Alarm Range	0-2.00m/sec (30-400fpm) remote SM6 or ILS Airflow sensor	0-2.00m/sec (30-400fpm) remote SM6 or ILS Airflow sensor
Control Range	Face Velocity control 0.15-1.00 m/sec (30-200fpm)	Face Velocity control 0.15-1.00 m/sec (30-200fpm)
Control Resolution	0.01 m/sec (2fpm)	0.01 m/sec (2fpm)
Control Response	< 1Second	< 1Second
Control Output 1	0-10/2-10VDC Control output For Damper, valve or Inverter drive	0-10/2-10VDC Control output For Damper, valve or Inverter drive
Control Output 2	0-10/2-10VDC Control output For Bleed or Supply Air Damper/Inverter or 0-10VDC Volumetric Output	0-10/2-10VDC Control output For Bleed or Supply Air Damper/Inverter or 0-10VDC Volumetric Output
Field Set up	2 Point velocity calibration with on screen instructions	2 Point velocity calibration with on screen instructions
Accuracy	Face Velocity +/-5%	Face Velocity +/-5%
Airflow Sensor	Remote SM6 / ILS	Remote SM6 / ILS
Pushbuttons	3 Configurable pushbuttons	3 Configurable pushbuttons
Relay Output	3 Configurable outputs	3 Configurable outputs
Relay Input	3 Configurable inputs	3 Configurable inputs
Com Port	RS485 com port Modbus RTU and BACnet	RS485 com port Modbus RTU and BACnet
Display	Digital velocity display fpm / m/sec 3 x LED's (Safe/Caution/Alarm)	Digital velocity display fpm / m/sec 3 x LED's (Safe/Caution/Alarm)
Alarm Indication	Red LED with Audible alarm	Red LED with Audible alarm
Mounting	Fully flush	Semi flush
Monitor Operating Temperature range	13-30 °C 55-86 °F	13-30 °C 55-86 °F
Airflow sensor Operating temperature	15-25 °C 59-77 °F	15-25 °C 59-77 °F
Airflow sensor Working temperature	Ambient +25 °C/77 °F	Ambient +25 °C/77 °F
Storage temperature	-40-65 °C / -40-150 °F	-40-65 °C / -40-150 °F
Agency Listings	CE RoHS	CE RoHS
Hazardous Area (Remote Airflow sensor)	Gas group IIC Temp Class T6 With Atex certified I.S Zener Barriers	Gas group IIC Temp Class T6 With Atex certified I.S Zener Barriers

