





KITCHEN HOOD CONTROLS (VAV) SPECIFICATIONS

	SINGLE HOOD CONTROLLER	NOTES
Operating Voltage	100-240 VAC 1.8A Max	Onboard MCB protection
Control Method	Temp Differential	Room Temp to Hood Temp
Control Operating Range	Room Temp +50 Deg C Max	(122 Deg F)
Keypad Operation	Manual / Off/ Auto	Preset with 10 Manual Speeds
Auto Control	Via Keypad On-Off / BAS comm / Volt Free Input/ Auto Detect / Onboard Time Clock	With Menu Selectable Operation
Exhaust Fan	0-10v Control signal to VFD with Volt Free	With Menu Selectable Min and Max Limits
	Start/Stop Output	
Supply Fan	0-10v Control signal to VFD with Volt Free	With Menu selectable Min and Max Limits. Output signal can be summated for multiple hoods served by single AHU using separate summation unit
	Start/Stop Output	
Time Scheduling	Onboard time clock	Up to 4 On/Off periods per day
IR Sensor Input	For Smoke Detection	Up to 4 sets of sensors per hood with separate sensor junction box
Temperature Sensors	10K thermistor type	Room and Hood Temp sensors
Manual Boost Function	Volt Free input	Boost to Max speed for selectable time periods
Fire System Interlock	Volt Free Input	
Room Temperature Control	Menu Selectable	Room Temp control override if Room Temp setpoint is exceeded
Auto Detect	Menu Selectable	Auto Startup and Control if cooking is detected during off period
Auto Run On	Menu Selectable	Remains in Auto Control if cooking is detected during off period
Keypad	LCD Graphical display	Showing Output status, Operating mode, Temps and Alarms
Calibration and Setup	Via Keypad	
Operating Units	Metric / Imperial	Deg C / Deg F
BAS/BMS	Modbus RTU and Bacnet MSTP onboard	
Agency Listings	RoHS, CE, UL	
Mounting	Wall mounting enclosure	400mmH x 300mmW x 200mm D (15.75" x 11.8" x 7.87")

Part Number Guide: Kitchen Hood Controls (VAV)