

### TECHNICAL NOTE

# Retrofitting the MAC 10 Original

MAC 10 Original Fan Filter Units (Standard and RSR/RSRE) can be retrofitted in the field to add Control System functionality.

#### Steps to Follow

- » Identify the voltage to ensure you get the right components.
- » Identify the quantity of Fans and the number of groups or rooms to control.
- » You will be required to purchase a new electrical box with the ENAC control card & pressure switch in it to make the conversion.
- » The components required are:
  - New electrical box.
  - Power supply: if using the CC 1-25 or CC 1-125 control console, these consoles will only be able to control one room or group. If doing more than one room or group, you will need a power supply for each room.
  - Optional components for various functions that maybe required: Examples –High Low, Alarm, Emergency shut down, or Relay card to send a signal to the BMS for failure only.
  - If you want to use one console for multiple rooms or have greater than 125 Fans, refer to the other ACC 7xxx series of consoles available.

#### Part References

Control Consoles:	CC 1-25, P/N: 63971-002	CC 1-125, P/N: 63971-005
Console Power Supply:	P/N: 64114-001 (115 volts)	P/N: 64114-002 (220 volts)

Electrical Box Required (2x3 thru 2x4):		Optional Components:		
120 volts	842394-003	Alarm Card	64075	
208 to 230 volts	842394-002	High Low Card	64074	
277 volts	842394	Emergency Card	64074	
Electrical Box Required (2x2):		- (same as Alarm card dip switch selectable)		
120 volts	842392-003	Relay Card	64087	
220 volts	842392-002	<ul> <li>(dry contact for signal to BMS)</li> </ul>		
277 volts	842392			

## Contact Us

Contact ENVIRCO sales or technical team to help you select the proper components.

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