

**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):**

120 volts            842394-003  
 208 to 230 volts    842394-002  
 277 volts            842394

**Electrical Box Required (2x2):**

120 volts            842392-003  
 220 volts            842392-002  
 277 volts            842392

**Optional Components:**

Alarm Card            64075  
 High Low Card        64074  
 Emergency Card      64074  
 - (same as Alarm card dip switch selectable)  
 Relay Card            64087  
 - (dry contact for signal to BMS)

**■ Contact Us**

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