

Clean air solutions built for you.

MORE INFORMATION AVAILABLE AT WWW.ENVIRCO.COM

Industrial

Cleanroom Products

- » MAC 10® Original
- » MAC 10® IQ™
- » MAC 10® IQ™ LAF
- » MAC 10® LEAC™
- » MAC 10® LEAC2™
- » MAC 10® LEDC™
- » Ducted Ceiling Module:
DCM & RSR
- » AC or DC Control Systems
- » MAC-T Ceiling Grid System

Hospital & Healthcare

Hospital & Healthcare

- » IsoClean® and IsoClean
with Ultraviolet Light
- » AirCell®
- » Hospi-Gard® Room
Pressure Monitor

Enviramedic Products

- » HOR Horizontal Flow
Enclosure
- » HCF Horizontal Flow
Surgery Room
- » VOR Vertical Flow Surgery
Isolator

Pharmaceutical

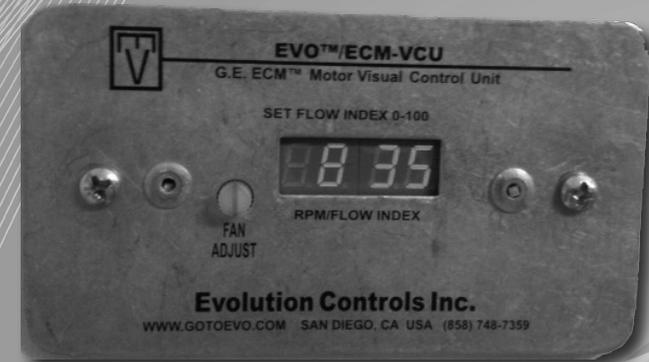
Pharmaceutical & Medical Device

- » Unimodule M2 Vertical
Laminar Flow Workstation
- » METD 100% Exhausted
Vertical Flow Workstation
- » Laminar Downflow Module

Laboratory & Research

Laboratory & Research

- » 100-Plus Horizontal or
Vertical Flow Clean Bench
- » Unidirectional Flow
Horizontal Flow Bench (LF)
- » TT Table Top Horizontal
Flow Clean Bench
- » EnviraLab Sterility Module:
ESM



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MAC 10® VCU Controls

Fan Filter Unit

Standard, RSR, & RSRE Models

OPERATION GUIDE

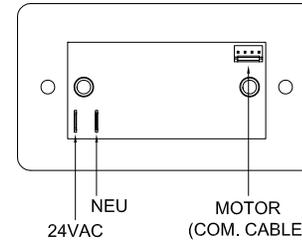
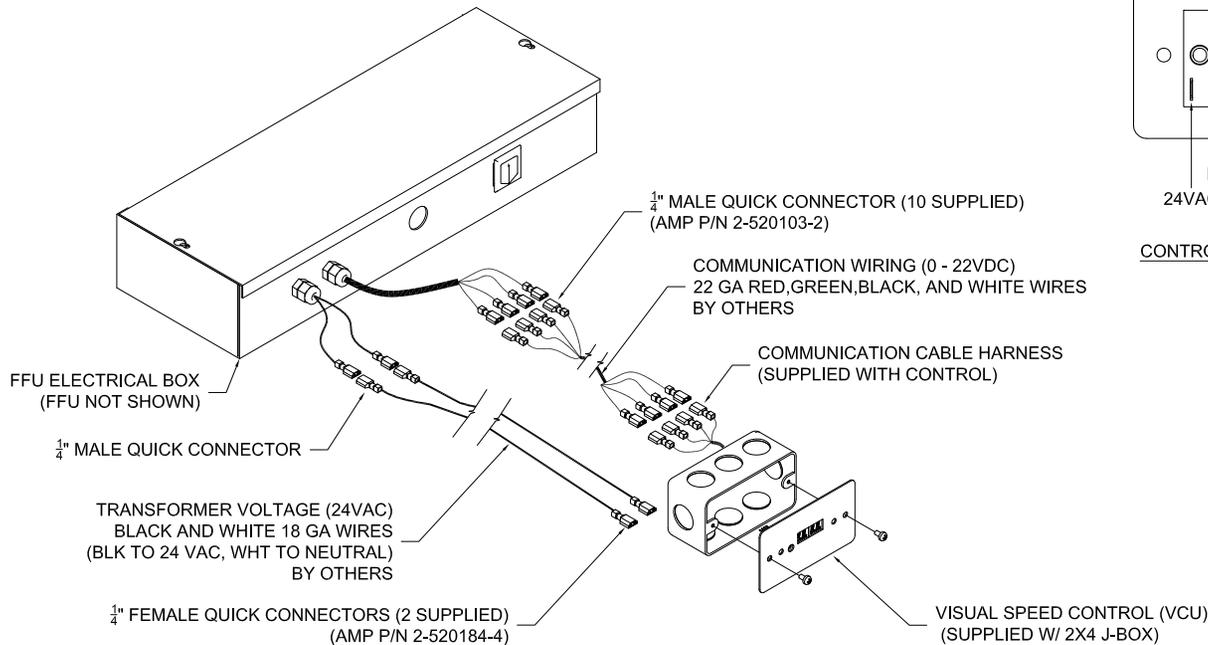
MAC 10[®] VCU Control

Operation Guide

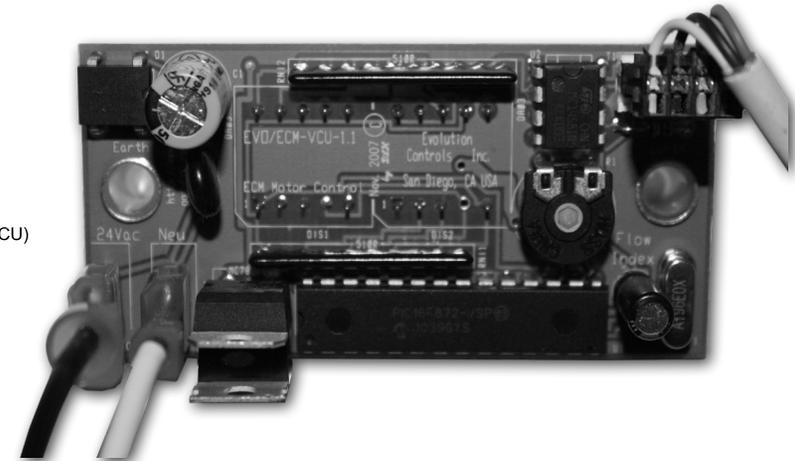
MAC 10 LEDC and IQ VCU controls for remote mount part number 11166-001

Wiring Details & Operation

1/4" MALE CONNECTORS HAVE BEEN SUPPLIED WITH THE CONTROL TO CONNECT BETWEEN THE FFU ELECTRICAL BOX AND REMOTE MOUNTED CONTROL WHERE 1/4" MALE QUICK CONNECTORS ARE REQUIRED.



CONTROL CARD CONNECTIONS



■ Wiring Detail

Please make sure all power is off before making these connections.

- The six leads exiting the FFU electrical box have 1/4" female quick connectors.
- The leads attached to the control have 1/4" female quick connectors.
- Please follow all applicable local codes for low voltage wiring. Conduit or plenum rated cables may be required.
- The wiring between the FFU electrical box and the controls require the 18 gauge black and white leads (24VAC) be connected to the same 18 gauge wire colors on the control (white to white and black to black).
- The 22 gauge communication wiring (0-22VDC) is also color coded. Connect the red wire out of the electrical box to the red wire on the remote mounted control. Connect the green wire to the green wire; the black wire to the black wire and the white wire to the white wire.
- 1/4" male connectors have been supplied with the control to connect between the FFU electrical box and remote mounted control where 1/4" male quick connectors are required.

■ VCU Operation

The fan filter unit needs to be turned on prior to operation of the control. With the Visual Speed Control board, a single screw driver is required to adjust the unit airflow. Just to the left of the LED readout is a recessed blue slotted stem which when turned clockwise will increase the airflow and if turned counter clockwise will decrease the airflow. The LED readout alternates between outputting the selected flow index (%) and the actual motor RPM.