



ELECTRONIC MANIFOLD CARDS

Auxiliary Power Input

Power to operate the valves may be provided through two sources: ONE, through the 25-pin connector if your signal source also has sufficient power to operate the bank of valves, or TWO, through a separate auxiliary power input connection built into the board. To isolate power from the 25-pin connector, use the power source selector switch.

NOTE: In applying power on a temporary basis, use care to observe proper circuit polarity.

Power Selector Switch

Two-position selector switch enables choice of power input source (25-pin connector or auxiliary).

25-Pin Connector

Clippard Electronic Valves

Reverse Polarity Protection

Circuit using diodes and capacitor provides input voltage protection against reverse polarity.

Valve Connection Cords

Cord and plug leads are terminated with solder connections on the board, and connect by molded plug to the valves. All connections are completed at the factory.

Resistor-Diode-LED Circuit

Individual circuit to each valve provides protection against shut-off spikes. LED is illuminated when valve is actuated.

Clippard Valve Manifold

Compact, efficient mounting of the valves is by Clippard multi-valve manifolds.

Valve Identification

Valve numbers are silk-screened on each panel.

Mounting Holes

Four (EMC-08) and six (EMC-12) mounting holes 0.191" dia. are built into each board.

Printed Circuit Board

Durable laminated fiberglass

LED Bank

Illuminated LED signals that the valve is actuated.

3-Position Detented Switches

Three position slide switch provides for:
ON - Power "ON"; valve is activated
OFF - Power "OFF"; valve not connected
CONN - Valve connected to 25-pin connector, and will be controlled through it.

