

## TAP Selector

### Application

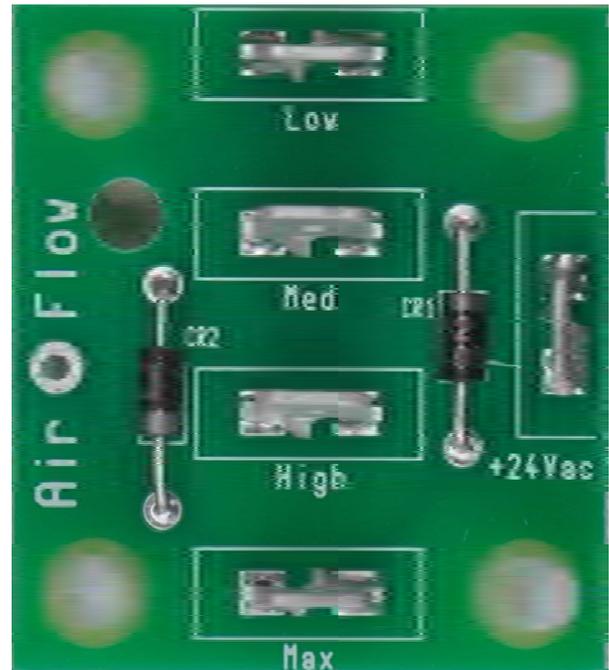
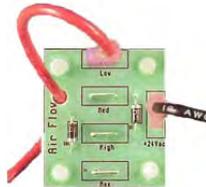
The EVO/ECM TAPS board provides a means to field select the speed/flow of EC Motors that use diode multiplexing to select speeds for thermostat calls. These are fractional horsepower motors featuring an internal microprocessor to provide exceptional efficiency, performance and motor life. The motor may be programmed for constant speed, torque or flow. The EVO/ECM-TAPS allows simple and economical selection of one of four pre-programmed flows.

Each tap is associated with a motor function. Common functions are thermostat call for heat, thermostat call for cool, delay selection, and test functions. The motor is programmed by the equipment manufacturer to provide the desired flow for each tap. The output is simply selected by moving the selector wire from one tap to another. Using the equipment manufacturer's look-up chart, the torque or fan output may be quickly and accurately selected in the field without instruments.

EVO/ECM-TAPS may have one to four sections per board. A common application uses one section for heating, and a second gang to select a cooling velocity.

The equipment manufacturer connects ~24V control power and the desired tap selector line to the board.

The tap selector line may be passed through a hole provided on the board, so the selector lines do not get lost in the equipment control panel.



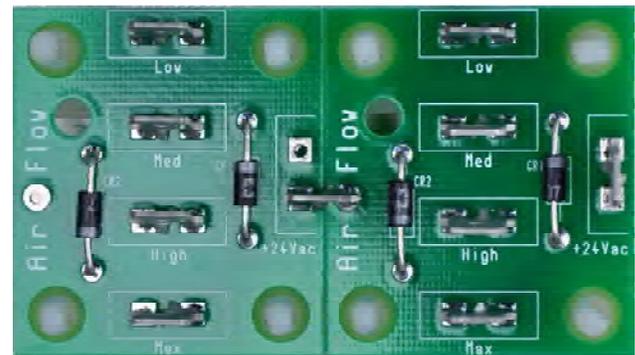
### Specifications

Power	NEC Class II Only ~24V ± 20% 50/60 Hz
Operating Environment	0°F to 130 °F (-18°C to 55°C) 10-80% rh
Connections	1/4 Tabs

See the *EC Motor Control Manual TAPS section*

### Ordering

ECM TAP Selector EVO/ECM-TAPS-??  
?\_ indicates 1 through 6 gang



**EVO/ECM-TAPS-2**

