



Application Note

HAU Valve Driver

HOW TO USE THE HAU VALVE DRIVER WITH A TWO SPEED SWITCH.

When it is desired to have the valve switch between an adjustable preset value and “full speed”, wire in a SLOW switch as shown above. Note that the “fast” current will be about 10% higher than the highest current that can be obtained in “slow” mode. Open the SLOW switch to for “fast speed” and close it for “slow speed”.

Adjustment procedure:

See the HAU adjustment procedure that was supplied with the valve driver for card setup. The following is a brief summary of the adjustment procedure that highlights the SLOW feature.

1. Open the SLOW switch and set the MAX control on the valve driver for full flow or desired maximum.
2. Close the SLOW switch and set the external control pot to the desired “slow” value. Adjust the MIN pot on the card if the external control pot does not command a value low enough.
3. The MIN and MAX controls interact somewhat, so repeat steps 1 and 2 until both the “fast” and “slow” flows are correct if the MIN pot was adjusted in step 2.

