

Factory Test Instructions for Air To All PAPR Version 2

To test a PAPR board after manufacturing, program the unit with the Factory Test firmware, then perform the following steps in order. For each step, do the action, then verify that the expected result happens. Wait a few seconds then move on to the next step.

	Action	Expected result
1	Startup PAPR	All 7 LEDs flash 3 times
2	Press and release FAN DOWN button	All LEDs flash, one at a time, left to right
3	Press and release FAN UP button	Buzzer beeps 3 times
4	Press and release FAN UP button	Vibrator vibrates 3 times
5	Press and release FAN UP button	Fan runs at maximum power
6	Press and release FAN UP button	Fan runs at half power
7	Press and release FAN UP button	Fan runs at minimum power
8	Press and release FAN UP button	All 7 LEDs flash 3 times (Battery Voltage Test)
9	Press and release FAN UP button	All 7 LEDs flash 3 times (Fan RPM test)