

F50A – Retrofit Power Box With Air Flow Sensor

The 208420A power box replaces the earlier 208420A power box. The earlier power box did not have an air flow sensor and did not need the hole in the frame for the sensor nozzle. The F50A models need this hole drilled in the frame. The F50E models already have the hole.

The nozzle will sense the vacuum and turn on the power supply. An existing sail switch can be left intact; it will simply provide a redundant shut down of the F50 when air flow has stopped. The AFS nozzle must be free to sense the vacuum or the AFS will not turn on the power supply. No additional holes need to be drilled for the vacuum to reach the nozzle.

When using the 208420A power box on an F50A, the 1/4" hole needs to be drilled. Photos show the location of the hole.

► [F50E Power Box with and without AFS](#) Photos showing the 20841C without Air Flow Switch and 208420A with AFS.

► [AFS Tech Note](#) How it works, shorting resistor to override AFS, voltage measurements, dimensions.

