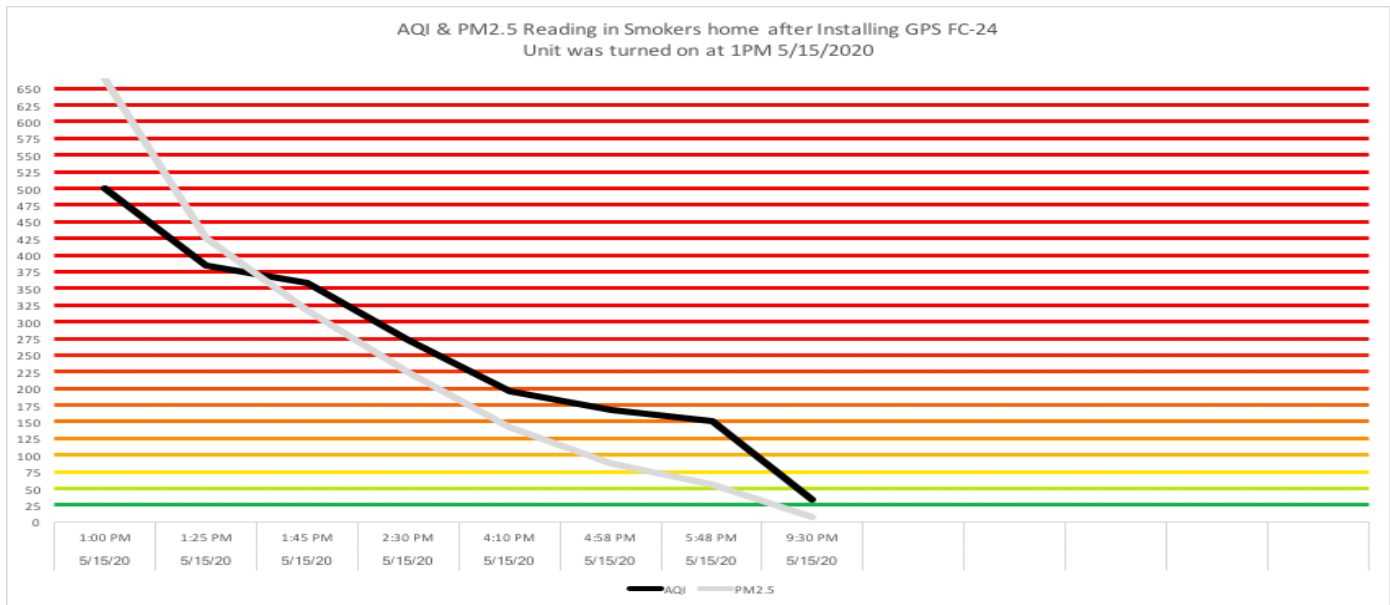


GPS IAQ FC-24-AC Case Study

IAQ Test

A EER Customer recognized that the IAQ (Indoor Air Quality) in the was likely bad and commissioned us to confirm her theories and thankfully she did! As unfortunately the IAQ was indeed bad! After testing we found that the AQI (Air Quality Index) was 500+ (Should be 0-50) and the PM2.5 (Particulates 2.5 Micrometers or less) was at 665 (Should be 0-12.0) With that the levels had been deemed Hazardous! From there it was determined an installation of the GPS FC-24-AC would be the next step and at 1PM on May 15th 2020 that's just what we did! Little did we know that in 8.5 hours the IAQ levels would go from Hazardous to safe!



Health Parameter Guide							
PM2.5	PM10	AQI	CO2(ppm)	Status	HCHO(mg/m³)	TVOC (mg/m³)	Displayed Contents
0.0-12.0	0-54	0-50	0-700	Good	0-0.1	0-0.5	Safe
12.1-35.4	55-154	51-100	701-1000	Moderate	> 0.1	> 0.5	Unsafe
35.5-55.4	155-254	101-150	1001-1500	Unhealthy for Sensitive Groups			
55.5-150.4	255-354	151-200	1501-2500	Unhealthy			
150.5-250.4	355-424	201-300	2501-5000	Very Unhealthy			
≥250.5	≥425	≥301	≥5001	Hazardous			