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DENTAL SERVICES®

PLASMA GUARD™  
P R O



# PRO™ Pilot Test

1135 Vitality Dr. Henderson, NV 89011

- 10 PRO™ Units Installed
- 6 Total AC Units
- 5 - 6 Ton Rooftop HVAC Units
- 1 Mini Split AC Units

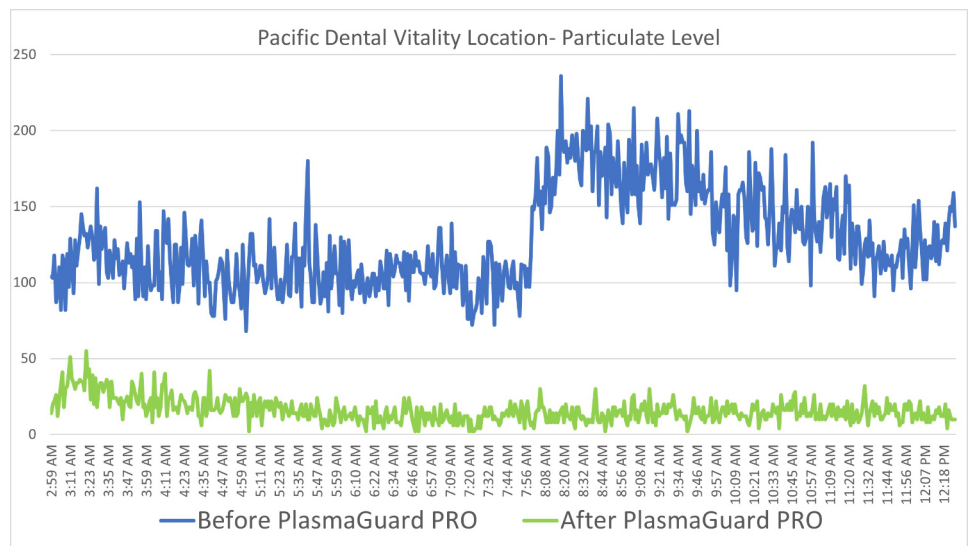


## Test Summary

- 1** PlasmaGuard PRO™ units were installed and commissioned throughout the entire PDS building on 10/13/22
- 2** Baseline data was collected and the units were turned on 10/27/22
- 3** Within the first 24 hours of running, the particulate matter count dropped 87% and maintained an average of 15.97 PPM.

**99.9% EST**  
VIRAL/BACTERIAL PATHOGEN REDUCTION

**87% AVG. IN AIR**  
PARTICULATE REDUCTION





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ENERGY SAVER



# Energy Saver™ AC Pilot Test

1135 Vitality Dr. Henderson, NV 89011

- 6 Energy Saver™ Units
- 6 Total HVAC Units
- 5 -Rooftop Three Phase HVAC Units
- 1- Mini-Split Single Phase HVAC Units



## Test Summary

**1**

At this locations, PG Engineers installed six Energy Saver™ AC units on 10/13/2022

**2**

Engineers then ran the unit with the PlasmaGuard Energy Saver™ disabled for 24 hours and the units consumed 80.2 kWh.

**3**

Engineers then enabled the PlasmaGuard Energy Saver™ and gathered data for an additional 24 hours. During this time, the unit consumed an average of 54.7 kWh while maintaining the same temperature

**32%**  
ENERGY SAVINGS

**E-SAVER OFF**

**80.2**  
kWh

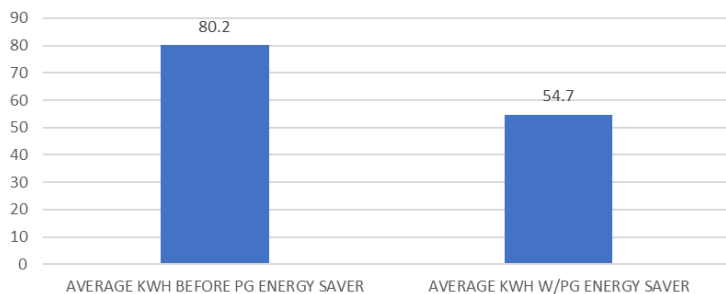
**E-SAVER ON**

**54.7**  
kWh

**CARBON FOOTPRINT**

**35.2**  
CO2 Savings  
lbs per day

PACIFIC DENTAL - VITALITY LOCATION - ENERGY SAVER PILOT TEST RESULTS  
32% SAVINGS



PACIFIC DENTAL - VITALITY LOCATION - OCTOBER LIKE DAYS SAVINGS

