



BREATHE-SAFE SYSTEM PROVEN RETURN ON INVESTMENT FOR TRANSIT– ANNUAL ROI PER BUS/RAIL

DRIVER SAVINGS

SanUVAire estimates the saving of just one day per year from driver illness based on an average yearly wage with benefits of \$50,000.00 and a 200-work day year equals the loss of \$250 per day for the driver plus the cost of a replacement driver at potentially time and a half wage rate or \$375 per work day.

MAINTENANCE SAVINGS

HVAC Evaporator Cleaning is estimated conservatively as follows:

1. 1 ½ hours per HVAC unit, \$50.00 labor rate per hour equals \$75.00.
2. Four (4) cleanings per year (x \$75.00) equals **\$300.00 per year per bus.**
3. Average cost of cleaning product \$10.00 x 4 cleanings equals **\$40.00 per year per bus.**

FUEL SAVINGS

Estimating a conservative average of 50,000 miles per vehicle per year as follows:

1. 200 days of operation at 250 miles per day and an estimated 4.0 miles per gallon diesel equals an average 62.5 gallons of diesel per day.
2. With an average 280-horse power engine, the A/C compressor requires approximately 10% of engine horse power for operation.
3. The compressor power requirement is reduced by 1 hour per day (10-hour day) through continuously clean evaporators for both heat and cooling which equals 10% x 62.5 gallons or 6.25 gallons of diesel fuel savings per day.
4. The yearly fuel savings: 6.25 gallons of diesel fuel savings per day times 200 days of operation (6.25 x 200) equals **\$1,250.00 per year per bus savings.**

TOTAL COST SAVING PER BUS ANNUALLY

a. One day less driver absenteeism	\$250.00
b. One day less driver replacement	\$350.00
c. Labor cleaning evaporators	\$300.00
d. Cleaning Material	\$40.00
e. Fuel Saving	<u>\$1250.00</u>
TOTAL	\$2,190.00

Total Cost Savings Per Bus Annually Estimated Total is \$2,190.00.

A 100-bus fleet equipped with BREATHE-SAFE SYSTEMS savings:

100 x 2190 = \$219,000.00 Annually

Can Your Agency Afford Not To Equip Its Fleet?

QUALITATIVE COST SAVINGS THAT CAN BE FURTHER QUANTIFIED

- Bus interior odors are eliminated.
- Less pollution by reducing diesel fuel use.
- Fewer passenger complaints.
- Safer operating environment for drivers and passengers.
- Less engine maintenance, longer life because of less demand.
- Longer HVAC component life.

MARKET SHARE

SanUVAire, LLC is the leader in transit industry usage of UVGI technology with over 4000 vehicle installations alone and many ongoing contracts fulfillment, all types of vehicles (bus, rail, trolley, etc). No other company has a transit tested, tried, and proven UVGI product capable of withstanding exposure to the harsh environment of a transit vehicle.

Transit officials may obtain references by contacting SanUVAire at info@SanUVAire.com