



## The Mobile Car Ioniser

### AMCOR's New automotive air ioniser is a new concept in driving comfort!

- Mobile Car Ioniser electronically refreshes the polluted, stale air in your car continuously by restoring the air's natural electric charge.
- Mobile Car Ioniser may help reduce car sickness.
- Mobile Car Ioniser reduces offensive, unpleasant odours.

## A New Concept in Driving Comfort!

### Ionised air relieves tension and promotes better concentration.

When the air inside a car in motion becomes oversaturated with positive ions, a health hazard may be created and its effect is quite different from that of ordinary air pollution.

Oversturation is caused by friction of dust and other pollutants against the synthetic materials in the car as well as by the static electricity already in the air. The car's metal body acts as a Faraday cage and prevents fresh, negatively ionised molecules from entering the car, while harmful positive molecules continue to multiply, especially when the interior is heated or cooled with little or no fresh air entering the car. When a passenger breathes in the positive air ions or ion-depleted air, the oxygen level in the blood is lowered and serotonin (5-HT – a powerful, versatile neurohormone which causes fatigue and depression) accumulates in the blood. This results in sleepiness, early fatiguing, loss of concentration, slackened reactions, increased frustration and irritability.

These hazardous effects cannot be rectified by warming, cooling or filtering the air inside the vehicle. Only a flow of fresh, negative ion-enriched air can help. The negative air ions are beneficial because they increase the body's ability to absorb and utilize oxygen and reduce the serotonin level.

## What Can It Do For You?

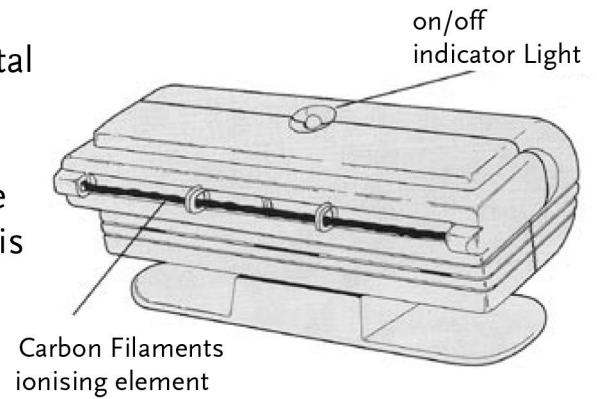
### Air purification inside your car.

The air inside a car, especially an air-conditioned one (heated or cooled) is loaded with dangerous pollutants. These are hazardous to both drivers and passengers. They are generated by various sources.

- By the passengers themselves through smoking and exhalations containing bacteria and / or viruses.
- From gasoline vapors, fuel combustion gases and solid pollutants that have entered the vehicle from outside.

Smoke and combustion pollutants contain submicron particles which absorb carcinogenic compounds such as benzo(a)pyrene and other toxins. These particles also contain heavy metal molecules such as lead and cadmium. It has been shown that the body's natural filtering system cannot efficiently cope with these submicron particles and prevent them from entering the lung alveoli. They can therefore cause serious damage to the lungs and the vascular blood if the body is exposed to them for long periods.

Tests conducted at the Institute of Environmental Health at the Tel Aviv University School of Medicine have shown conclusively that AMCOR's air ioniser is a highly efficient particle precipitator, and reduces the pollutant level. This significant reduction helps protect both drivers and passengers from the harmful pollutants mentioned previously.



Negative ions also purify the air because they destroy harmful bacteria, thus protecting the driver and passengers from infectious airborne disease such as respiratory tract infections, flu, etc.

## Place Your Mobile Car Ioniser

- The AMCOR Mobile Car Ioniser is compact and easily installed. Its attractive design complements the interior of any car.
- The unit may be installed on the dashboard or on the shelf behind the rear seat.
- The Mobile Car ioniser comes with pressure sensitive (VHB - very high bond) scotch tape. Before adhering, make sure the surface on which the unit will stand is clean, dry and free of dust and oil.
- Connect the unit to the electrical supply using the cigarette lighter socket.
- The ionising element should be aimed towards the interior of the car, in the general direction of the passengers. Tilt the unit up or down and sideways.
- We recommend leaving the Mobile Car Ioniser on continuously. The unit is constructed for continuous service. The air inside your car will always be fresh and rich with negative ions.

