

# Aircode™ RX-100

*Mobile unit for smaller rooms.*



## Aircode™ RX-100

An ionization unit that creates a clean indoor climate. The unit creates a clean indoor climate both in smaller offices, as well as public lavatories.

The unit eliminates odours, bacteria, airborne microbes, gases, mould and fungus spores.

The number of airborne particles are significantly reduced.

Inside the unit there is an ionization tube, with an operating time of about sixth months.

Service agreements can be made, which means that we, once or twice a year, test functionality, clean the unit and change tubes if necessary.

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### Technical data

|                     |  |
|---------------------|--|
| Location:           | Anywhere in a room   |
| Voltage:            | Pri: 230V, 50 Hz. Sec: 12V   |
| Size of tube:       | 6  |
| Number of tubes:    | 1  |
| Energy consumption: | 10 watt  |
| Weight:             | 0.5 kg   |
| Size:               | l: 200mm, w: 60mm, h: 60mm   |
| Applications:       | Unit for offices, class rooms, waste disposal rooms, public lavatories, restaurants, day care centers, homes, buses etc. |

## Aircode™ RX-100

### Installation Instructions

1. Carefully remove the packaging. Check that the battery eliminator is adjusted according to rated voltage.
2. Loosen/unscrew the 2 screws at the back of the top cover.
3. Check that the ionization tubes are not damaged.
4. Install the base plate on a suitable location.
5. Put the top cover back and tighten the 2 screws.
6. Connect the 12V cord to the unit.
7. Connect the battery eliminator in an earthed socket outlet.
8. Turn the effect control up until proper ionization level is reached.

**Warning! The ionization tubes generate up to 3000 volt, when connected.**

**Do NOT connect the unit before the installation is completed. Always disconnect the power by pulling out the plug before any maintenance is done on the unit.**

**Wait 1 day, if the odour is still there - increase the effect one step.**

### Power connection

|                    |            |
|--------------------|------------|
| Pri:               | 230V, 50Hz |
| Sec:               | 12V        |
| Power-requirement: | 10 watt    |

### Maintenance instructions

The equipment includes an ionization tube that has an operating time of about sixth months. To maintain optimal functionality, the tube should be cleaned every sixth months and replaced after sixth months of use. To order tubes, please contact [Matseco AB](#), by phone +46 31-7060980 or E-mail: [info@aircode.se](mailto:info@aircode.se)

Control of the ionization tube:

1. Cut the power by disconnecting the battery eliminator.
2. Remove the top cover.
3. Carefully remove the clip that keeps the ionization tube in place.
4. Unscrew the electron tube from the base plate.
5. Carefully pull the metal sock off, wipe the glass with a wet cloth.  
Then wipe the tubes dry with a dry cloth. The tube should be replaced after sixth months of use.
6. Put the clip back.
7. Put the top cover back on.
8. Insert the plug and check that it's working properly - a faint buzzing sound should be heard and a faint ion smell should come from the unit.

### Service and tube replacing

The unit's blue light changes from blue to red after 6 months use. When this happens the ionizing tube needs to be replaced. If the tube isn't replaced the unit and light turn off automatically after 45 days. When the tube is replaced, the micro processor timer needs to be reset to zero. The reset button is located on the underside of the unit. Press the reset button. When this is done the unit will restart.

### Service agreements

Service agreements can be made, which means that we, twice a year, check the unit's functionality, clean it and change tubes if necessary.

### Trouble shooting

1. Check that the 12V cord is connected to the unit.
2. Contact [Matseco AB](#) by phone +46 31-7060980.