



T-AIR AIR TOILET

Free installation, connection-free air toilet



BEACH RESORTS



PICNIC AREAS AND
PARKING PLACES



SKI RESORTS



PLAYGROUNDS



ECOLOGICAL PRESERVES



HICKING TRAILS



MOUNTAIN PASTURE



GOLF COURSES



PROTECTED AREAS



T-AIR: connection-free air toilet



T-Air is an air ecologic toilet for outdoor, conceived to collect and dispose of normal organic wastes.

This technological solution does not require any connection to the sewage, electric and water system; it exploits the combined action of air and sun. The eco-friendly toilet T-Air is the ideal choice for all situations in which it is not possible to install a traditional toilet,

when the technical, environmental, or economic conditions do not allow installing a sewage, or connecting to water or electric supply network. Furthermore, thanks to the indoor size, TAir is accessible to disabled people on a wheelchair.

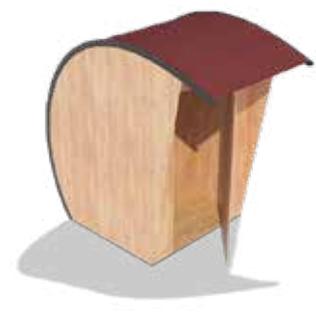
MONTREAL: modern style



front view



back view



top view

BERNINA: classic style



external finishing



detail of the technology



interiors



T-AIR: How it works

The function principle of the eco-air toilet occurs in a "dry" condition, that is without water.

T-Air air circulation is composed by a polyethylene waterproof tank, to be buried under the external structure. This tank collects liquid and solid waste in separate sects; the liquid waste goes through an evaporation process while the solid waste is dried and undergoes a mineralization process. The continuous air flow dries the organic waste and fosters the evaporation of liquids.

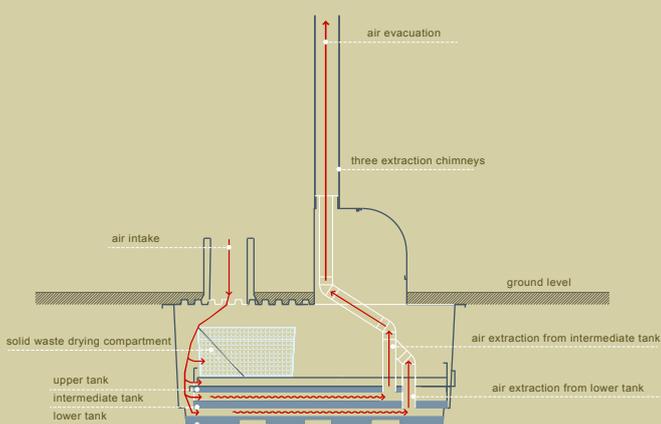
It is based on the **exploitation of sun radiation and wind energy** in order to accelerate and enhance the evaporation and drying process of the organic materials collected into the tank.

European patent requested n. EP 3514115 del 10.01.2019

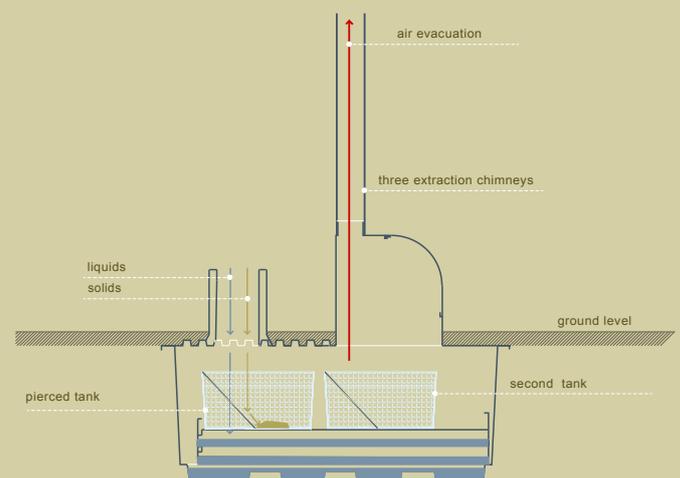


front view of the technology

T-AIR TECHNOLOGY



The 3-tank-system with powered ventilation



Separation of liquid waste from solid

T-AIR: the advantages of an air-toilet



CONNECTION-FREE



FIT FOR DISTRESSING
SITES



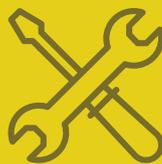
ECO-TOILET



CHEMICALS-FREE



LONG-LASTING



USER-FRIENDLY
MAINTENANCE



REPOSITIONABLE



NO BAD SMELLS



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