

PACTO® TOILET

FREQUENTLY ASKED QUESTIONS

Is a hygienic toilet possible without water?

Pacto® has been around since 1969 and it has always been a dry toilet. Our aim is to deliver the same standards of hygiene and user-friendliness with Pacto® as with a normal WC toilet. This is possible due to constant product development; since its inception in 1969 the Pacto® toilet has undergone many changes, but the central idea and the mechanical functions remain the same.

Because Pacto® users flush the toilet after use the bowl is always covered with fresh foil, meaning that no traces of waste remain for the next user - so Pacto® is often a more pleasant and hygienic alternative to a WC.



How come Pacto® doesn't need electricity, when other dry toilets do?

Pacto® is a completely mechanical toilet; it doesn't use power from electricity or connection to a battery. The flush function is powered by the user pushing the pedal down.

Other dry toilets are generally either composting toilets or incineration toilets, both of which need a lot of electricity. Composting toilets need to be kept reasonably warm and aerated in order for the composting to work. Incineration toilets use electricity to power the incineration process, which must take place at relatively frequent intervals.

In the event of even a short power cut both the composting toilets and the incineration toilets experience problems which Pacto® is not susceptible to.



Does Pacto® have to be kept at a certain temperature?

No, Pacto® works in any climate, hot or cold, without the need for ventilation or heating. There are well-functioning Pacto® toilets all over the world, from the cold of Antarctica to the heat of Africa.

Does Pacto® have any usage restrictions?

No. Pacto® can be used by an unlimited number of people within a very short period - or occasionally by one person over a period of many months.

Does liquid and solid waste have to be separated in Pacto®?

No. Unlike in many composting toilets, all waste is stored and disposed of together. This has the advantage of not requiring the user to dispose of large quantities of liquid waste, a process which demands a lot of water.

Is it really safe to incinerate waste and polyethen?

Yes. Incinerating organic waste matter is completely safe. The polyethen foil has been specially developed for use in Pacto and only gives off water and carbon dioxide when burnt.

How do I know it works?

Pacto® has been widely used across the world for many years. It is the enduring choice of consumers, private companies and government - one recent example is Nordic Battle Group, a European Union rapid deployment battlegroup which has selected Pacto® for their sanitation needs.

What if anything goes wrong?

We know that Pacto® offers a great alternative to conventional WCs and we are also convinced that you will find that it meets your expectations.

Should you experience any problems with the toilet, we offer a 5-year warranty on all materials.



*Pacto Toilet with Podium
(waste repository).*

PACTO®
– Superior Sanitation
without Water or Electricity

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Almost 40 years' experience makes Danfo experts at providing user-friendly sanitation solutions of the highest standard. Our Pacto® toilet is the first example of this philosophy and still remains our best-selling product.

Pacto® is the most versatile toilet on the market, requiring neither water nor electricity to operate. Instead, a patented packaging mechanism encapsulates the waste after each use, which means that the toilet is always fresh, hygienic and odour-free.

Because of its unique function, Pacto® can be used virtually anywhere in the world and in any climate; there are Pacto® toilets from Antarctica to Alaska and everywhere in between.

- No Water Needed
- No Sewerage Needed
- No Electricity Needed
- No Direct Contact with Waste Matter
- High Levels of Hygiene
- Environmentally Friendly
- Easy to Assemble
- Easy to Transport

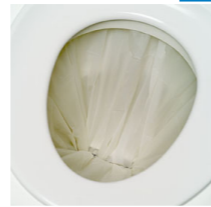
So how does it work?

Pacto® is as easy to use as a normal water-flushing toilet. There are no special procedures or restrictions for usage and anyone can use it anywhere.



After each visit, the user flushes by the simple means of pushing down a foot pedal located at the base of the toilet. This turns the interior mechanism, feeding the specially developed foil inside the bowl into the repository below by means of cogwheels. All waste in the bowl is also deposited in the repository. To prevent any contact with the waste this is encapsulated in double layers of polythene.

The mechanical seal is then re-engaged, ensuring that no unpleasant smells or sights escape; because the foil inside the bowl is exchanged after every visit, the user is always greeted by a clean and hygienic toilet.



What happens to the waste?

There is no need to separate different kinds of waste or limit use of the Pacto®. All waste matter and liquid is stored together in a repository below the toilet; this is emptied manually when it suits the user.

Emptying the Pacto® does not require any direct contact with waste matter. The flushing mechanism encapsulates the waste in specially developed, extremely durable foil; all a handler needs to do is simply to remove the polythene bag from the repository and load the next one ready for use.



The whole process takes only a few minutes and is both easy and hygienic.

The polythene bag and the waste contained within it are best disposed of by incineration; this is the safest means of disposal and only gives off water and carbon dioxide.

Pacto® in an Emergency

Because Pacto® is very easy to transport, store and assemble it is ideal for use in disaster relief and emergency operations.



In a matter of minutes large quantities of people can be provided with hygienic sanitation facilities, avoiding risks of disease.

Pacto® was used to improve conditions for the displaced in Turkey after the large earthquake there in 1999; 12,000 units were used by the authorities in Kobe, Japan, after a major earthquake in 1995.

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Where should Pacto® be used?

Pacto® can be used anywhere but is ideal in locations without access to water or electricity. In the past it has been used with great benefit in a variety of industrial, governmental and leisure locations.

Industrial Use:

- Mines
- Camps for Scientific or Environmental Projects, Resource Exploration etc



Pacto® is often installed in tents in camps and mines, creating fully functional, hygienic 'bathrooms'

Governmental Use:

- Military Operations
- Field Hospitals
- Emergency Operations
- Contingency Planning



Pacto® in a shelter for field operations

Leisure Use:

- National Parks
- Nature Resorts, e.g. Ski Resorts
- Lodges and Cottages



Pacto® in a cabin in a ski resort in Switzerland

Storage, Transportation and Assembly

Pacto® is designed to be a highly mobile product and we have taken care to ensure that storage, transportation and assembly are as easy as possible.



Weighing only 16 kilos, each toilet is delivered folded down and packaged into a box measuring 19 inches by 19 inches. Because Pacto® is so light and compact, storage and transportation is simple and cost-effective.



Assembling the toilet only takes a few minutes: just unpack it from the box and let the bottom half down, locking it into place by flipping the switch, and position it above your waste repository - and the toilet is ready to be fitted with foil and used!

If there is a need to move it, Pacto® can be disassembled just as easily in a matter of minutes and transported to its next location.

Accessories and Installation



Pacto® needs to be installed above a waste repository. This can be of your own design, as here where a hole in the floor gives access to a covered bucket underneath, or you can use the podium that we offer.

Danfo's Podium has been developed for easy and ergonomic emptying, while also giving the user comfort during the visit, and naturally fits Pacto® perfectly.

Pacto® must be used with the specially developed polythene foil. This is an environmentally friendly and very durable material which completely protects the user from direct contact with waste matter. Although not biodegradable, the foil is safe to incinerate.

One box of foil contains 15 polythene collecting bags and 5 spools of foil, giving you approximately 1,500 flushes.