

EVAC TRAIN



EVAC 2000P VACUUM TOILET



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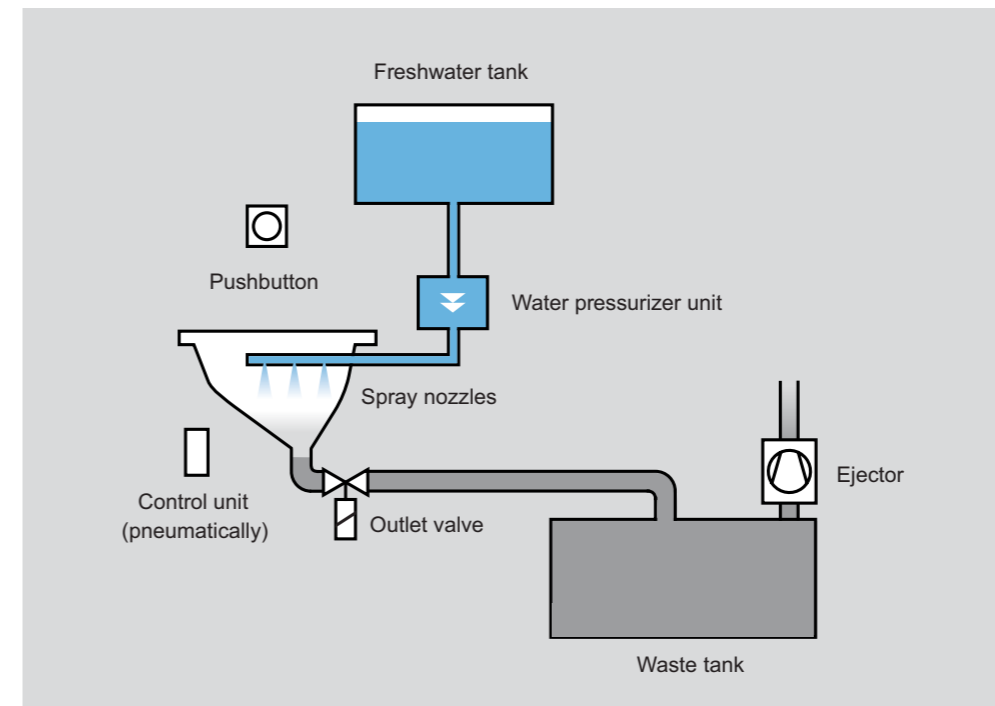
EVAC 2000P VACUUM TOILET

PROPERTIES

Operates with a constant pre-set vacuum level controlled by a vacuum switch connected to the retention tank. The flushing and the evacuation of the toilet bowl is totally managed by a vacuum operated pneumatic controller. The electric control for the remaining system is reduced to support some solenoid valves and the tank level indication. The water consumption per flush can be minimized to 0.5 liter. This system is a very interesting cost efficient and simplified alternative to the EVAC 2000E. It shows a high grade of reliability. Most of the system components are well proven and in operation in more than 700.000 Evac toilet applications.

HOW IT WORKS

- Vacuum is constantly kept in the retention tank.
- An air ejector creates the vacuum energy guided by a pressure switch.
- The toilet flushing and evacuation are effected by vacuum and compressed air. No electrical supply to the toilet unit is needed.
- The retention tank can be supplied insulated and electrically heated. Sensors connected to the tank indicate the level of collected sewage.



1 Suction protection

2 Outlet valve

3 Vacuum operated pneumatic controller

GENERAL DATA

MEASUREMENTS	Dimensions:	different types available
	Max. lift above toilet outlet:	2 m (with 4 m horizontal piping)
	Max. horizontal piping run (toilet to tank):	tested to 14 m with a lift of 0.5 m
MATERIAL	Bowl assy:	Stainless steel
SUPPLIES	Compressed air:	500-1000 kPa, filter: 7 µm max. grain size
	Voltage:	24 V DC (+/- 30 %)
CONSUMPTION	Air:	approx. 50 liter expanded air per flush
	Water:	approx. 0.5 liter per flush
CONNECTION	Air:	G ¹ / ₄ "
	Water:	G ¹ / ₂ "
	Discharge:	Ø 50 mm

