

## VACUUM TOILET SYSTEM

The vacuum toilet system is a type of hygienic toilet, which has turkish style and europen style models, which collects the wastes at the storage in its body and prevents significantly the environmental pollution, which can clean it self with its aconomical water, which runs with vacuum and pressure system, and which is suitable for using in the rail, air, maritime and road sectors.

Applying the vacuum toilet system needs compressed air, 24V DC energy and water that are present in all possible transportation vehicles.

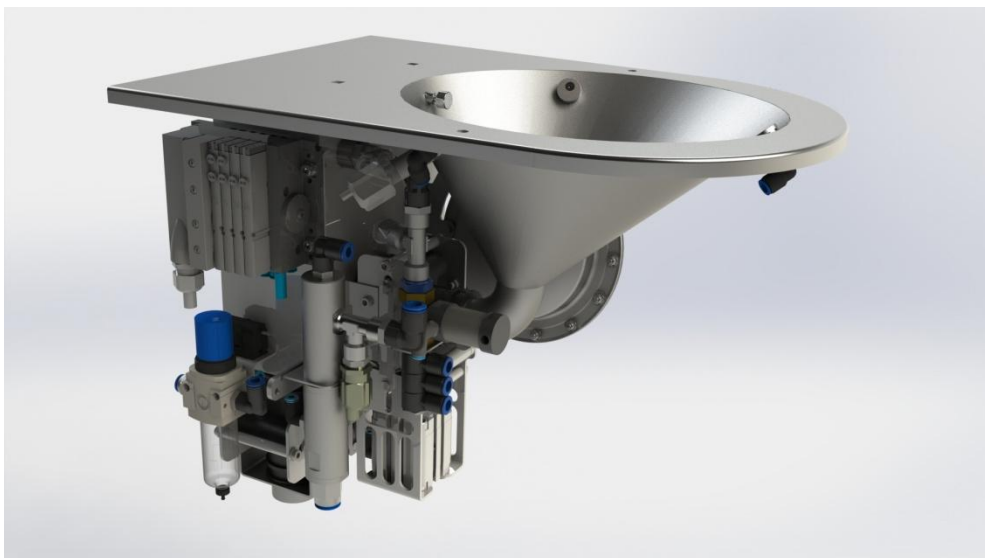
The system is formed by being combined the pneumatic, hydraulic and electronic systems.

Water consumption of average 10 liters for single use in the normal system falls to 0.5 liters in the system that we've created, including cleaning the toilet bowl.

For the hygienically reasons, all metal equipments to be used was manufactured from AISI 316 quality stainless steel.

Major Advantages;

- Low water consumption
- Sensitivity to the human health and environmental pollution
- To be the original design of the Project
- Compliance with islamic rules with its bidet system
- To be the only domestic production in our country and to prevent import
- Easy availability of spare parts.





### Main technical parameters

Air Supply Pressure	5 to 10 bar
Working Water Pressure	0.1 to 1.5 bar (bidet function min. 1 bar)
Number of Release Nozzles	3
Vacuum	~0.6 bar
Overpressure	~1.5 bar
Air Consumption	~20 liters / cycle
Water Consumption	0.25 to 0.5 liter / cycle
Weight	~21 kg
Dimensions	531x459x367
Interface	Water : Ø8mm tube coupling Air : Ø10mm tube coupling Water outlet : Ø41mm
Electric Power Supply	16.8-32V DC
Electric Power	~20W (~5W standby)
Temperature	-20°C to +60°C
Working Temperature	2°C to +60°C
Valves	Pinch Valves
Casing, Seat and Cover	Antiseptic Laminate
Control System	Dispersed Module + Main Controller
Intermediate Tank	AISI 316
Lavatory Pan	AISI 316
Mounting	Screws M6x15