



System

ADVANCED
ENVIROSEPTIC



PARTS CATALOGUE

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System O

WASTEWATER TREATMENT SYSTEM

For autonomous dwellings and commercial, community and institutional projects

CERTIFIED on Quebec soil, System O)) is a variety of **GREEN, COST-EFFECTIVE** and **LONG-LASTING** treatment solutions, adaptable to **your needs**.

With passive technology :

ADVANCED
ENVIROSEPTIC

- NO ELECTRICITY
- NO MOVING PARTS
- NO MAINTENANCE
- NO FILTER MEDIA CHANGE
- NO ODOURS
- NO NOISE
- NO SLUDGE BUILD-UP
- ADAPTS TO THE TERRAIN
- HIGH PERFORMANCE, LONG-LASTING AND EXPANDABLE
- 20-YEAR LIMITED WARRANTY





ADVANCED ENVIRO))SEPTIC PIPE

This 3.05 m-long and 30.5 cm-wide pipe is made from high density polyethylene. Designed to optimise bacterial proliferation. Next generation certified in 2019 for a 126 L/d hydraulic load.



COUPLING

Connects the ends of two Advanced Enviro))Septic pipes.



7-HOLE PRE-DRILLED DISTRIBUTION BOX

Ensures an equal distribution of wastewater. Up to 6 exits.
 ○ Includes 7 seals, inside insulation, 6 screws and a lid.



11-HOLE PRE-DRILLED DISTRIBUTION BOX

Ensures an equal distribution of wastewater. Up to 10 exits.
 ○ Includes 11 seals, inside insulation, 6 screws and a lid.



12-HOLE PRE-DRILLED DISTRIBUTION BOX

Ensures an equal distribution of wastewater. Up to 11 exits.
 ○ Includes 12 seals, inside insulation, 6 screws and a lid.



EQUALIZER

Adjustable weir valve used to precisely calibrate uniform distribution of wastewater toward each row of Advanced Enviro))Septic pipes.



SEAL

Used in the distribution box to insert 100 mm (4-in) PVC pipes. Ensures watertight connection between these pipes.

GRAVITY-FED



15-CM AND 30-CM EXTENSIONS

Since the distribution box must always be accessible, these extensions provide an ideal adaptation to the terrain. The available extensions are 15 and 30 cm high and fitted with a seal.



INSULATION - 7-HOLE DISTRIBUTION BOX

Installed under the cover of the distribution box to prevent it from freezing.



1-HOLE END CAP (INLET)

This polyethylene component allows water to flow into each row of Advanced Enviro(s) Septic pipes through a 100-mm (4-in) diameter watertight pipe.



2-HOLE END CAP (OUTLET)

This polyethylene component has two superimposed openings allowing the installation of the ventilation system. The bottom opening is used for the piezometers or the pre-drilled 100-mm (4-in) pipes of a re-imagined conventional system.



PIEZOVENT

At one end, the component connects the Advanced Enviro(s) Septic pipe, piezometer and ventilation pipe. Simplifies installation and leveling.



PIEZOMETER CAP

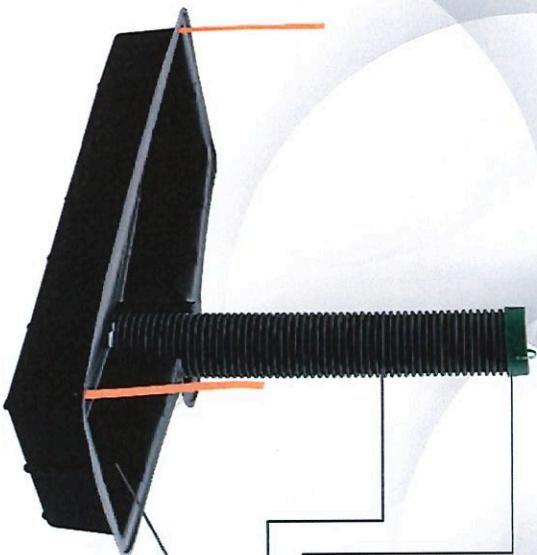
Cap closing the piezometer :

- In a surface installation, the cap blends into the environment.
- Easy to install and remove.



DECORATIVE VENT

Designed to blend in with the environment and maximise system air ventilation. Installed ground level in the summer and with a 1.2 m 100-mm (4-in) PVC connector in the winter.



SAMPLING DEVICE

Makes sampling of the System O)) effluent possible.
The sampling device is made up of 3 parts :

- Sampling well cover
- Sampling well
- Sampling basin

SAMPLING WELL, WATERTIGHT KIT

Makes sampling possible for a watertight System



WARNING! PICTURE REPRESENTS UV LAMP ONLY



UV DISINFECTION UNIT

Salcor 3G-type UV lamp that disinfects the effluent. Must be integrated to the pump station or a box outside of the watertight kit, depending on the plans.



CLIP COLLAR

A set of parts allowing the watertight passage of a 100-mm (4-in) PVC pipe through the watertight membrane.



WATERTIGHT KIT

This kit is used for the installation of a watertight system. It includes a geomembrane, geogrid, geotextile, clip collar, sampling port and anchors.

- Watertight kit model A (1 to 2 pipes per row)
- Watertight kit model B (3 to 4 pipes per row)
- Watertight kit model C (5 to 6 pipes per row)

GEOGRID

Replaces the transition stone between the system sand and the 200-mm (3/4-in) crushed stone. Can be purchased by the square meter or by the roll (5.2 m x 50 m).
Type: DBO-GG-0204.

LOW PRESSURE DISTRIBUTION SYSTEM

Set of parts, depending on the configuration :

- PVC pipe, 38 mm (1.5 in) in diameter and 3 m (10 ft) in length
- PVC pipe, 38 mm (1.5 in) in diameter and 1.5 m (5 ft) in length



SUPPLY KIT



- Supply pipe clean-out
- Supply pipe connector
- Supply sub-assembly
- Piezometer clean-out
- Low pressure end cap
- Pre-cut center-to-center



ROW KIT



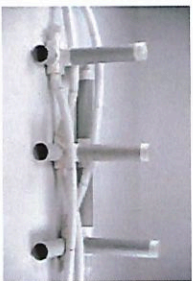
SIMPLE INJECTOR

Included: Pre-cut center-to-center, ventilation circuit, supply pipe clean-out.



NESTED INJECTOR

Included: Pre-cut center-to-center, ventilation circuit, supply pipe clean-out.



CHARCOAL FILTER

- Air filter installed on the roof vent.
- Use where conditions require.

