

# COSSD PRODUCT CATALOGUE

for



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*With locations throughout the province, Alberta Wilbert Sales is the made-in-Alberta solution for all of your water and wastewater needs!*

## Septic Tanks

- 2 and 3 Compartment Septic Tanks
- Sumps
- Residential Advanced Treatment Systems
- Effluent Chambers
- Pumps
- Orenco Products
- Concrete Accessories
- Accessories

Alberta Wilbert Sales septic tanks are known for having one of three features: the Waffle Design on our rectangular tanks; our superior and well-known Rinktop Design; or our round 3-Chambered T-Tank.

The Waffle Design allows the tanks to be lighter and stronger than standard rectangular tanks.

The Rinktop Design eliminates the common 90 degree corners on septic tanks, resulting in the reduction of sludge build-up in the corners, making maintenance and cleaning easier. In addition, Rinktop tanks have a long and narrow design which allows for better linear flow in the working chamber, allowing the heavy solids to accumulate at the bottom of the tank.

The round 3-Chambered T-tanks utilize the meandering principle, providing superior effluent treatment through additional sewage travel. T-Tanks also assist in retaining heat, allowing for maximum biological activity while removing the problem of independent settling.

All septic tanks are constructed using high strength 40 MPA Sulphate Resistance concrete with steel reinforcements. In addition, all tanks are accompanied by a 20-year conditional warranty.

### **EDMONTON**

16910-129 Avenue  
Alberta, Canada  
T5V 1L1  
Ph: 587-410-7169  
Toll Free:  
1-844-294-7945  
Fax: 1-(780)-447-1984

### **CALGARY**

4315-58th Avenue SE  
Alberta, Canada  
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Ph: 587-317-1562  
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## Water Cisterns/Holding Tanks

- 8 ft. Diameter Water Cisterns/Holding Tanks
- 10 ft. Diameter Water Cisterns/Holding Tanks
- 11 ft. Diameter Water Cisterns/Holding Tanks
- Rectangular Cisterns/Holding Tanks
- Rinktop Cisterns/Holding Tanks
- Pumps
- Orenco Products
- Concrete Accessories
- Accessories

For over 25 years, Alberta Wilbert Sales has offered 8-foot, 10-foot and 11-foot wide cylindrical cisterns and sewage holding tanks. All cylindrical cistern and holding tanks are manufactured with an upside down pour on the base, and right side up pour on the top. This process eliminates cold joint seams between top/bottom slab, and the side wall, providing a monolithic base and top. The base and top of each tank is then in turn sealed together utilizing a tongue-and-groove joint filled with a butyl rubber tape. The circular profile of the side walls is tapered towards the center of the tank, providing easier maintenance on both cistern and sewage-holding applications. Holding Tanks are manufactured with the Man Way entrance offset to one side, to allow easy access for vacuum trucks. Cistern tanks come with 2' (2 feet) of Man Way access cast-in, to assist in diminishing ground water infiltration.

All cisterns bases are manufactured with galvanized lifting hook and 1 ¼" double female brass fittings. All cistern and holding tanks come with two 4" ABS couplings embedded on top, and have the option of having a 24" concrete or 24" ultra-rib PVC Man Way entrance.

### \*\*\*IMPORTANT\*\*\*

No tank should be left empty between the months of October and March; a minimum of one foot (1 foot) of fluid depth should be placed in the tank to prevent the ground under the tank from freezing and heaving, increasing the risk of cracking.

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## Specialized Precast/Municipal Products

- Lift Stations
- Effluent Sewers
- Oil Grease Separators
- Stormwater Retention
- Commercial Advanced Treatment
- Tanks
- Miscellaneous

Alberta Wilbert Sales has the equipment and expert knowledge to see your municipal or commercial project through from start to finish. Our experienced staff can provide uncompromised service and concrete solutions for any desired commercial/municipal or specialized precast products. Alberta Wilbert Sales can cater to your project needs or requirements. From organizing arrangements for coring to providing the required fittings, seals, pipe and pumps.

All specialized precast and commercial/municipal products are manufactured using high strength 40 MPA sulphate resistance concrete with steel reinforcements.

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## AWSum Pro

The AWSum PRO tool is a free computer program that we provide to our contractors, allowing you to easily manipulate design parameters within the current Alberta (PSDS) Private Sewage Disposal System regulations. The program is not a design tool, it only helps with interpreting the data collected by a professional system designer.

By simply inputting the necessary data, you can determine the type of system you need, the size of the system, and manipulate options to optimize system efficiencies. AWSum PRO will recommend the ideal tank size for your project from the AWS catalogue, and will help define pump curves for the most effective choice. When all inputs have been entered, the system will print out the necessary documents and calculation sheets to submit with the permit application.

With AWSum PRO, the designer can alter one or two variables, and fine-tune the design to create the best solution for budget and performance.

## About Us

For nearly 50 years, Alberta Wilbert Sales has been providing Alberta with some of the best residential and commercial water and wastewater solutions that money can buy. Our tanks are fully CSA approved, and are made with a cutting-edge MK sulphate resistant concrete. We guarantee quality service and construction of all of our products, standing behind them with an industry-leading 20-year warranty.

Our friendly and knowledgeable staff are highly trained on the latest Alberta Private Sewage Systems Standards of Practice, and we routinely consult with engineering firms throughout Alberta in order to keep our standards high; we are committed to ensuring the success of our staff and our customers.

Whether you need a small, residential septic tank or a large, commercial-grade lift station installation, we can help with your water and wastewater requirements, whatever they may be.

Alberta Wilbert Sales is a proud member of the following associations:

- AOWMA – Alberta Onsite Wastewater Management Association
- ECA – Edmonton Construction Association
- UDI – Urban Development Institute
- BBB – Better Business Bureau
- NPCA – National Precast Concrete Association

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