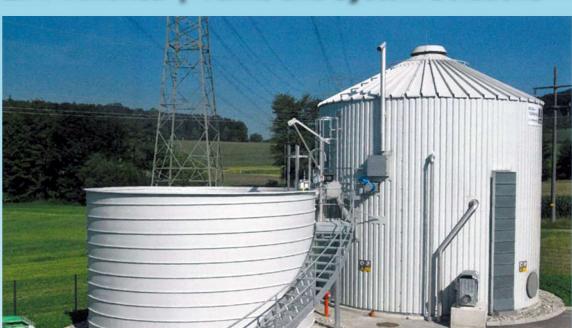
## LIPP America | Tanks and System Solutions





LIPP KomBio Reactor (60,000 gallons), sludge storage tank (35,000 gallons) on a municipal treatment plant

## LIPP KomBio Reactor

## Digester with integrated gas storage

An economical and compact solution for energy generation and anaerobic stabilization of sewage sludge.

The modular system concept in the form of the LIPP KomBio Reactor also offers the possibility of anaerobically stabilizing the sewage sludge on site for smaller and medium-sized sewage treatment plants and to use the recovered sewage or biogas, for example in a CHP.

The digester volumes are possible from 35,000 gallons to 900,000 gallons per unit - each with integrated gas storage and all necessary functional and safety elements. The combination of digester and gas storage is a compact solution and saves a complex pipeline construction. On request, the gas utilization in the form of a CHP in container design can be supplied - optimized to the local space conditions.

Due to the automated assembly technology in the LIPP double rebate system a quick realization in stainless steel construction is possible, which in turn has a positive effect on the investment costs.

The high level of functional reliability, especially in heating and stirring technology, promotes low process energy consumption combined with the advantages of zero maintenance and long service life.



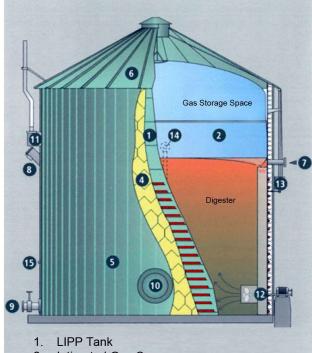
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- 2. Intigrated Gas Cup
- 3. Wall Heater
- 4. Isolation
- 5. Paneling
- 6 Roof
- 7. Intake
- 8. Procedure
- 9. Emptying
- 10. Manhole
- 11. Pressure Safety
- 12. Homogenisation system
- 13. Gas Content Display
- 14. Gas Extraction
- 15. Temperature Measuring



Anaerobic KomBio energy Plant – St. Hyacinthe, Quebec, CA. / generating residential waste to energy



Anaerobic sludge stabilization and energy generation LIPP KomBio Reactor with CHP and condenser unit



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