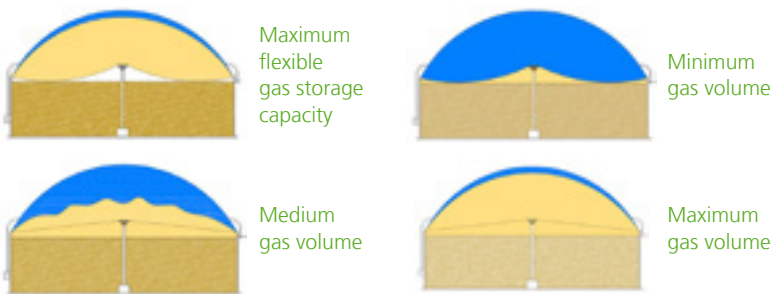


Double membrane biogas cover



Biogas is a future-proof energy source, generated from organic waste streams and slurry. For the digester silos in which biogas is produced and stored, Genap has developed the 'Double Membrane Biogas cover'.

The distinctive domed shape, consisting of two layers, maximises storage volume but also offers resistance to weather conditions such as rain, wind and snow. To ensure that the 'protective' outer membrane remains taut, a fan blows air between the two membranes. The inner membrane moves with the produced gas volume and serves as a buffer for the produced biogas. For each biogas cover, we make a static calculation to ensure that the construction can withstand the snow and wind loads that apply at the location in question. Local legislation and regulations are also taken into account.



- ✓ Flexible gas storage capacity
- ✓ Customised cover including static calculations
- ✓ Complete system including fan and gas level indicator

Technical data

- Up to 40 metres in diameter
- Up to 20 mbar gas pressure
- Membranes are welded at high frequencies
- Over- and underpressure protection
- Including fan unit and gas level indicator
- 5 year warranty (diminishing)

Options

- Delivery according to TRAS 120 possible
- Foil membranes up to 1300 g/m² quality
- Colour options: grey and green or on request

Would you like more information?

Go to [genapagro.com](https://www.genapagro.com) or contact us directly to discuss the options.



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