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flexible storage  
and cover systems



# wiefferink

## < Combibag LP

Environmentally friendly storage system  
for manure and digestate with gas capture

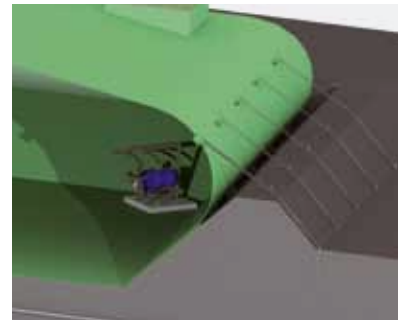


### < For use at a biogas installation

Combibag Low Pressure is a flexible storage for up to 5000m<sup>3</sup> of manure and digestate, which captures the gases released during the digestion processes. The relatively low investment, fast installation and landscape-friendly appearance are the main advantages.



OVER/UNDER-PRESSURE VALVE



ELECTRO MIXER

## Environmentally friendly storage system for manure and digestate with gas capture

THE COMBIBAG IS A SYSTEM THAT WIEFFERINK HAS DEVELOPED TO STORE MANURE AND DIGESTATE IN AN ODOUR-LESS MANNER, WHILE ALSO PROVIDING SPACE TO CAPTURE THE METHANE GIVEN OFF BY THE SLURRY. THE SPECIAL ECO-GREEN COLOUR OF THE COMBIBAG MEANS IT IS HARDLY NOTICEABLE IN THE LANDSCAPE. THE STORAGE SYSTEM IS EASY TO INSTALL ON MOST GROUND TYPES.

The Combibag is produced with a special foil suitable for the digestion process and for capturing gas. In comparison with our Ecobag, it has more, heavier fastening points, tension straps and anchors. These are appropriate for absorbing the forces resulting from the gas pressure. The Combibag is fitted with an over/under-pressure valve and has a maximum gas pressure of 1.5 mbar.





## Combibag

THE COMBIBAG INCLUDES:

- 1 VERY STRONG, CHEMICALLY RESISTANT, FLEXIBLE FOIL
- 2 MORE THAN ENOUGH REINFORCED FASTENING POINTS, STRAPS AND ANCHORS
- 3 GAS-TIGHT INSPECTION OPENING WITH STAINLESS STEEL HATCH
- 4 SAFETY EDGE AND SEPARATE GAS REMOVAL POINTS
- 5 OVER/UNDER-PRESSURE VALVE

## Available options

- 1 EXTRA INSPECTION OPENING WITH STAINLESS STEEL HATCH AND SAFETY EDGE
- 2 ELECTRIC MIXER
- 3 PRESSURE AND/OR FILL LEVEL MEASUREMENT
- 4 HEATING
- 5 CONNECTIONS WITH NON-RETURN VALVE(S) FOR BIOGAS INSTALLATIONS

## Advantages

- 1 LARGE, FLEXIBLE STORAGE WITH GAS CAPTURE
- 2 SIMPLE PERMIT PROCESS; SOMETIMES NOTIFICATION IS SUFFICIENT
- 3 FAST DELIVERY AND ASSEMBLY
- 4 LANDSCAPE-FRIENDLY DUE TO LOW PROFILE AND GREEN COLOUR
- 5 LOW INVESTMENT COSTS
- 6 5-YEAR WARRANTY

### Blends into the landscape

The Combibag captures the gases released, to prevent odour nuisance in the vicinity. In addition, the Combibag is available in grey and a special new eco-green colour to blend in with the landscape.

### No building permit

No building permit is required, because no permanent construction is required for the Combibag. Depending on local legislation, however, it may be necessary to apply for an installation permit, though sometimes simply notifying the authorities of the installation is sufficient.

### Installation of the Combibag

The main advantage of the Combibag is that it can be installed in almost any location, without a supporting structure. The Combibag is placed within an earth bank for side support. Wiefferink supplies the drawings for dimension of the groundwork. Before installation, our experts inspect the sizing and the situation at your location, so that we can complete the installation as quickly and effectively as possible, ready to use.

Additional options for the Combibag include a gas pump installation, pressure measurement, heating and a mixer.

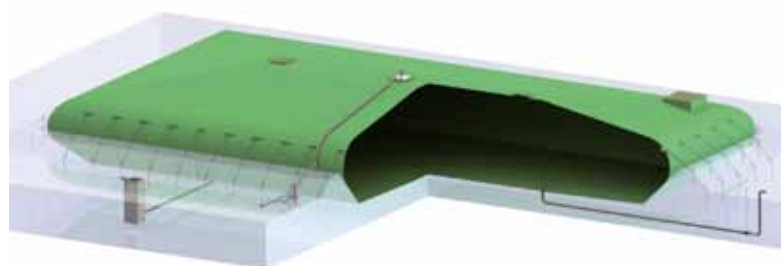
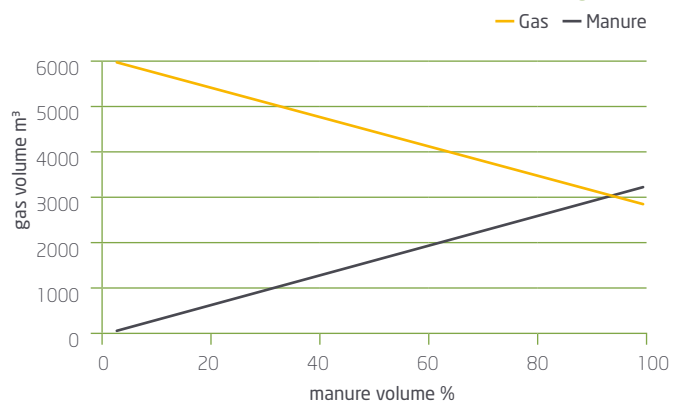
### Maintenance and lifespan

The Combibag requires very little maintenance. It is, however, necessary to check the volume of the gas production, the intended gas removal and the operation of the over/under-pressure valve. Wiefferink provides a 5-year warranty for the Combibag on material and production defects.

## Applications

AS STORAGE FOR MANURE WHEN SPREADING IS NOT PERMITTED.  
AS FINAL DIGESTER IN COMBINATION WITH A BIOGAS INSTALLATION.  
FOR TEMPORARY OR PERMANENT STORAGE OF WASTE FLOWS WITH GAS FORMATION.

### Gas volume and max. manure volume 4000 m<sup>3</sup> Combibag LP



COMBIBAG PIPING PARTS

