Biogas from fermentation vessels or biogas reactors is saturated with water and partially loaded with dirt particles. In addition, foam may enter the pipeline system.

The EnvironTec GF gravel filter ensures the simple coarse cleansing of the biogas. The gas flows through a gravel filter layer during which process dirt, foam and condensate droplets are separated out.

In the case of normal debris levels, the gravel can be cleaned by water injection via the cleaning nozzles or by flushing without the need to open the filter.

EnvironTec offers gravel filters for different flow volumes and pressures. The gravel filter can optionally be fitted with a gravel removal flange as well as differential pressure gauging.

EnvironTec gravel filters are entirely made from 1.4571 stainless steel.
APPLICATIONS AND SPECIFICATIONS

- Gas coarse cleaning of fermentation gas or biogas plants
- Made from 1.4571 stainless steel
- Optional equipment available

1. 1" socket for flushing
2. Gas outlet
3. Gravel body
4. Siphon (internal)
5. Base / condensate tank
6. Condensed water drain
7. Gravel removal (optional)
8. Gas Inlet

<table>
<thead>
<tr>
<th>Model size</th>
<th>Diameter A in mm</th>
<th>Height B in mm</th>
<th>Flow rate Nm³/h</th>
<th>Gas connection DN</th>
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</table>

TYPE SPECIFICATION

- GF 80
- XXX
- Y
- Z

Size
Gas outlet connection
Accessories
Cleaning equipment

XXX = DIN DN...
DN

basic specification with ball valve d. incl. 2 cleaning nozzles in the lid
0. standard
1-2 pressure gauges (gas inlet and outlet)