



Manifold boxes provide central monitoring and control of multiple landfill gas extraction wells which means smaller pipes can be fed from the wells, installed within a common trench.

Installation time on site is significantly reduced and as the boxes are made from 20mm HDPE with an internal steel frame they are robust, suitable for burial and completely weatherproof and watertight. Individual inlet control is by Safi ball valves which provide superior flow control with minimal losses. Total flow is controlled by a butterfly valve on the outlet. Self-dewatering of condensate is achieved by a 1mm in 100mm fall of the manifold body.

They are available as standard from 4 to 12 way but other bespoke designs are available on request.

## Applications

- Landfill gas extraction systems

## Features

- Robust design
- Multiple inlets
- Safi control valves
- Gas strut lid opening support
- Four lifting eyes
- Rust resistant frame
- Individual Tefen monitoring points
- Orifice plate for flow measurement
- Self dewatering

### Dimensions, Inlets & Outlets

Model	Dimensions	Inlets no.	Inlet OD (mm)	Outlet no.	Outlet OD (mm)
LFG-MB-4	2000 x 1000 x 1000	4	63	1 or 2	160
LFG-MB-5	2000 x 1000 x 1000	5	63	1 or 2	180
LFG-MB-6	2000 x 1000 x 1000	6	63	1 or 2	1180
LFG-MB-7	2000 x 1000 x 1000	7	63	1 or 2	180
LFG-MB-8	2000 x 1000 x 1000	8	63	1 or 2	180
LFG-MB-9	2000 x 1000 x 1000	9	63	1 or 2	180
LFG-MB-10	2000 x 1000 x 1000	10	63	1 or 2	180
LFG-MB-11	2000 x 1000 x 1000	11	63	1 or 2	180
LFG-MB-12	3000 x 1000 x 1000	12	63	1 or 2	180

Other dimensions available on request

Contd...

Specifications	
Body construction	20mm HDPE sheet with internal metal frame
Lid construction	20mm HDPE sheet with internal metal frame
Locking	Hasp & clasp with padlock
Lifting	4 x 6mm lifting plates
Lid opening support	2 x 600 N gas strut
Manifold body fall	Minimum 1mm in 100mm
Flow monitoring	Orifice plate (optional)
Flow control - manifold	2" Safi valves (Extension tool available)
Flow control - outlet	Butterfly valve
Monitoring points	Tefen NW6
Handing	Left or right hand *

\* Looking from the non-inlet side