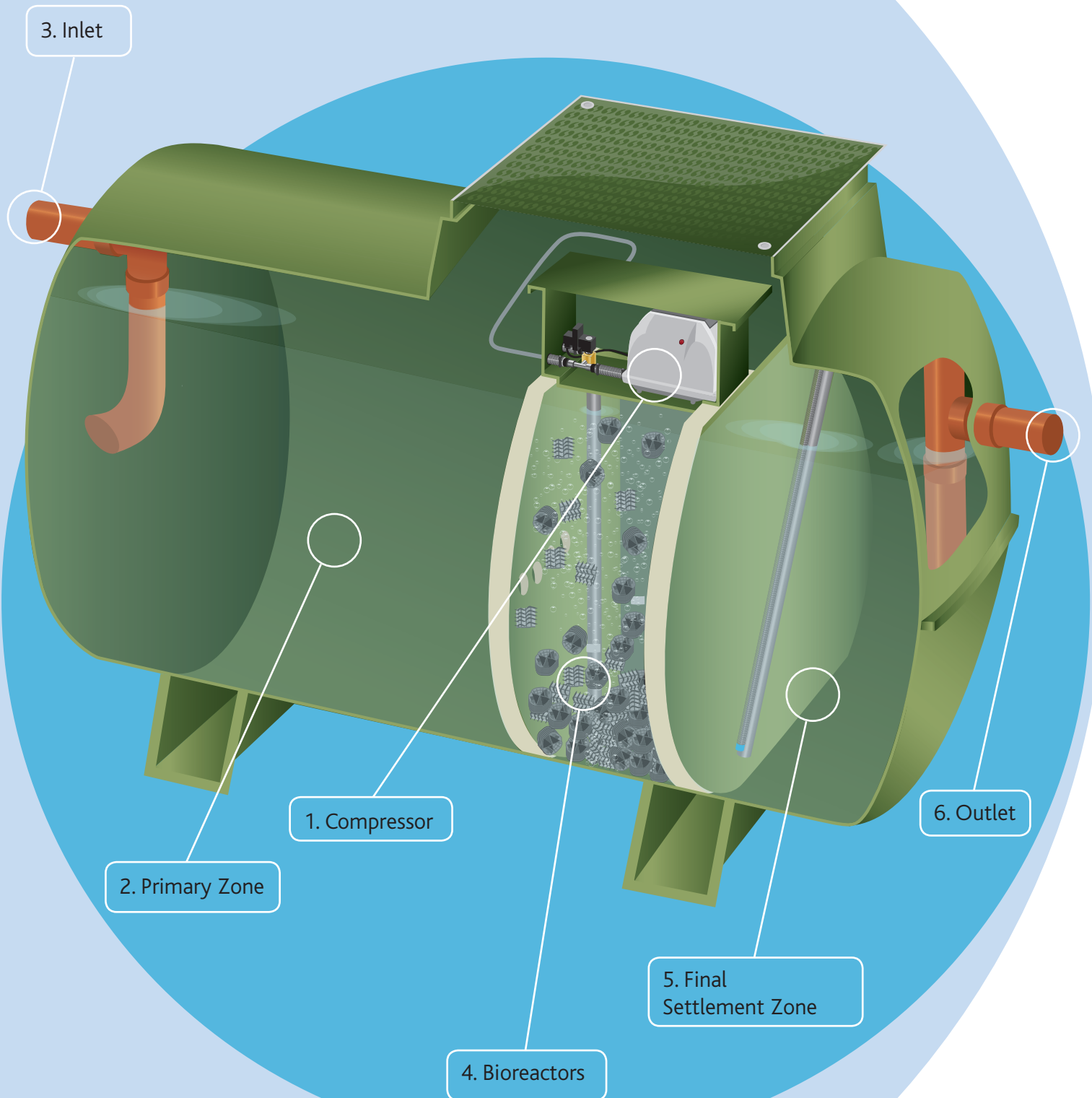


MinAir Biofilter

A single unit constructed from high quality glass fibre and incorporating an aerated media bioreactor. Ideal for individual homes or small population situations.



MinAir Biofilter

How it works

Raw sewage flows by gravity into the primary zone (2) of the MinAir. Here the solids settle out to the bottom of the tank leaving the liquid to pass through to the first of two moving aerated media bioreactors (4).

Both of the bioreactors are aerated by a compressor (1) pumping air through a bubble diffuser. This flow of air bubbles also causes the liquid and media to circulate within the bioreactors. The constant flow of the liquid in contact with the moving media allows the biomass on the media to purify the liquid.

The treated effluent flows into the final settlement zone (5) where humus sludge settles out. This sludge is re-circulated periodically to the primary zone. The fully treated effluent flows by gravity from the Minair to soakaway or watercourse.

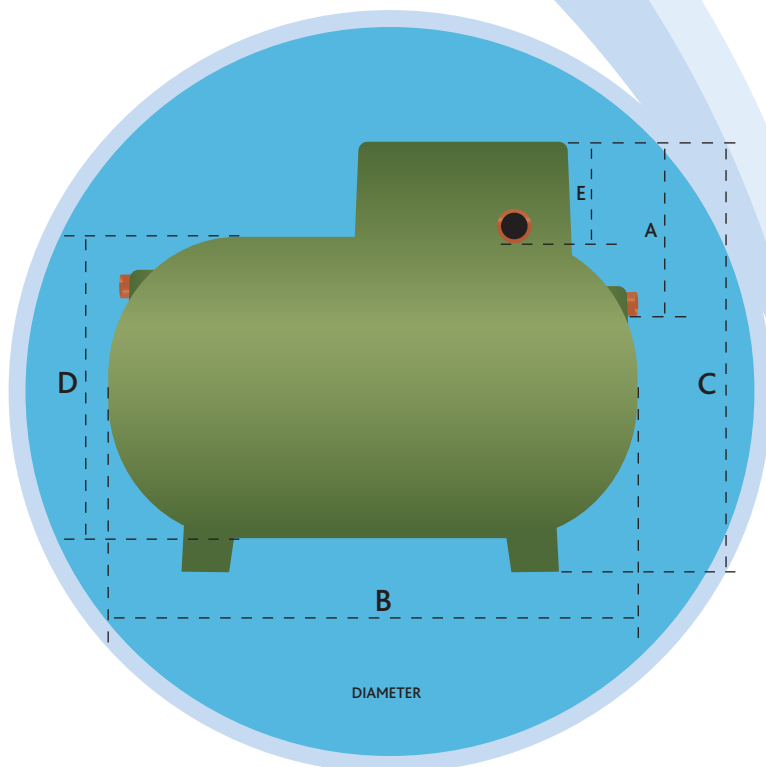
Features & Benefits

- ✓ High quality manufacture in accordance with our BS EN ISO 9001:2000 quality management system.
- ✓ Produces high quality effluent 20mg/l BOD5, 30mg/l SS and 20mg/l NH4.
- ✓ BS EN 12566 Part 3 compliant.
- ✓ Shallow invert available to reduce installation costs.
- ✓ Low maintenance costs, servicing every year and desludging once every two years.
- ✓ Discharge to watercourse or soakaway subject to Consent from the relevant authorities.
- ✓ Simple to install, to ground level if required.

**3 YEAR WARRANTY ON
ALL WORKING PARTS**



Dimensions (mm)



INLET PE	450 6	750 6	1000 6
(A) OUTLET	550	850	1100
(B) LENGTH	2720	2720	2720
(C) TOTAL DEPTH	1700	2000	2250
(D) DIAMETER	1530	1530	1530
(E) VENT INVERT	250	550	800

Allerton® reserves the right to alter the specifications and dimensions without notice.

**FOR FURTHER INFORMATION
CALL: 01529 305757
EMAIL: sales@allertonuk.com**