Water Management Solutions

68 YEARS EXPERIENCE

Klargester

# BioAir Sewage Treatment Plant

The new Klargester BioAir wastewater treatment plant uses aerated technology to deliver a high level of water discharge quality. Offering flexible installation options to suit a variety of domestic sites and a low impact visual footprint, Klargester BioAir is a cost-efficient choice for your domestic wastewater treatment solution.

UP TO 3 YR WARRANTY PERIOD*

Economically priced

Suitable for installation in traffic areas*
*Structural advice required

Low level visibility

No plastic media

*3 years on Premium model only, 12 months for economy

kingspan.com

Kingspan®

# Technical Information

## Applications

The Klargester BioAir 2-8 range
is suitable for use across the following applications:

- Single & Multiple Homes
- Light Industrial Premises
- Small Offices
- Farms
- Barn Conversions

## Product features

- 97.5% — Improved effluent quality – $BOD_5$ 97.5%
- Third party tested to EN 12566-3
- Easy to install and operate
- Suitable for shallow dig applications
- Affordable service plans available

| BioAir | Model | BioAir 2 | BioAir 3 | BioAir 4 | BioAir 5 | BioAir 6 | BioAir 7 | BioAir 8 |
|---|---|---|---|---|---|---|---|---|
| Population Equivalent | Unit | 6 | 9 | 12 | 15 | 20 | 25 | 35 |
| Daily Flow | $m^3/d$ | 0.9 | 1.35 | 1.8 | 2.25 | 3 | 3.75 | 5.25 |
| Daily Load | kg $BOD_5/d$ | 0.36 | 0.54 | 0.72 | 0.9 | 1.2 | 1.5 | 2.1 |
| Measurements | | | | | | | | |
| Inlet Invert | mm | 455-755 | 575-875 | 500-2000 | 645-945 | 500-2000 | 500-2000 | 500-2000 |
| Discharge Option | | Gravity /IPS | Gravity /IPS | Gravity /IPS | Gravity /IPS | Gravity | Gravity | Gravity |
| Outlet Invert | mm | 555-855 /400-700 | 675-975 /350-650 | 600-2100 | 745-1045 /415-715 | 600-2100 | 600-2100 | 600-2100 |
| Diameter | mm | 1540 | 1690 | 1920 | 2010 | 1920 | 1920 | 1920 |
| Length | mm | 2500 | 2480 | 3238 | 3190 | 4400 | 5550 | 7400 |
| Installation Depth | mm | 1805-2105 | 2075-2375 | 2245-3745 | 2485-2785 | 2245-3745 | 2245-3745 | 2245-3745 |
| Inlet Pipework | mm | Ø110 | Ø110 | Ø110 | Ø110 | Ø110 | Ø110 | Ø160 |
| Outlet Pipework (Gravity /IPS) | mm | Ø110 /Ø50 | Ø110 /Ø50 | Ø110 /Ø50 | Ø110 /Ø50 | Ø110 | Ø110 | Ø160 |
| Material Construction | MDPE/GRP | MDPE | MDPE | GRP | MDPE | GRP | GRP | GRP |
| Unit Weight | kg | 170 | 200 | 500** | 650 | 800** | 1250** | 1450** |

*BioAir 5 subject to availability
**Tank weight based on 500mm invert

**For more information on our new Klargester BioAir:**
**T:** +44 (0) 1296 633 033
**E:** klargester@kingspan.com
**W:** Kingspan.co.uk/Klargester

Kingspan®