

Water Management Solutions



**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.



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](http://kingspan.com)



# 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<sub>5</sub> 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 <sup>3</sup> /d	0.9	1.35	1.8	2.25	3	3.75	5.25
Daily Load	kg BOD <sub>5</sub> /d	0.36	0.54	0.72	0.9	1.2	1.5	2.1
<b>Measurements</b>								
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

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