

Water Management Solutions



Klargester Clearwater BioAir Sewage Treatment Plant

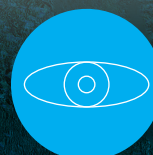
The Clearwater BioAir sewage treatment plant employs aerated technology, delivering a high level of water discharge quality. With adaptable installation choices to accommodate diverse domestic locations and a discreet visual profile, the Clearwater BioAir stands as a financially sensible option for your household wastewater treatment needs.



Economically
priced



Suitable for
installation in
traffic areas*
*Structural advice
required



Low level
visibility



No plastic
media



*Terms apply



kingspan.com



Technical Information

Applications

The Clearwater 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 – BOD₅ 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
Daily Flow Q ₁₀	m ³ /h	0.09	0.135	0.18	0.225	0.3	0.375	0.525
Measurements								
Inlet Invert (Gravity/IPS)	mm	645-1430	750-1440/950-1440	500-2000	500-2000	500-2000	500-2000	500-2000
Discharge Option		Gravity /IPS	Gravity /IPS	Gravity /IPS	Gravity /IPS	Gravity	Gravity	Gravity
Outlet Invert (Gravity/IPS)	mm	745-1530 / 600-1385	850-1540 / 585-1075	600-2100	600-2100	600-2100	600-2100	600-2100
Diameter	mm	1540	1690	1920	1920	1920	1920	1920
Length	mm	2480	2480	3238	3605	4400	5550	7400
Installation Depth (Gravity/IPS)	mm	1995-2780	2250-2940/2450-2940	2245-3745	2245-3745	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 (Gravity/IPS)	kg	210/220	240/250	360/375*	425/435*	440*	535*	700*
Note:	* Tank weight based on 500mm Invert							

*BioAir 5 subject to availability

**Tank weight based on 500mm invert

For more information
T: +44 (0) 1296 633 033
E: klargest@kingspan.com
W: Kingspan.co.uk/Klargester