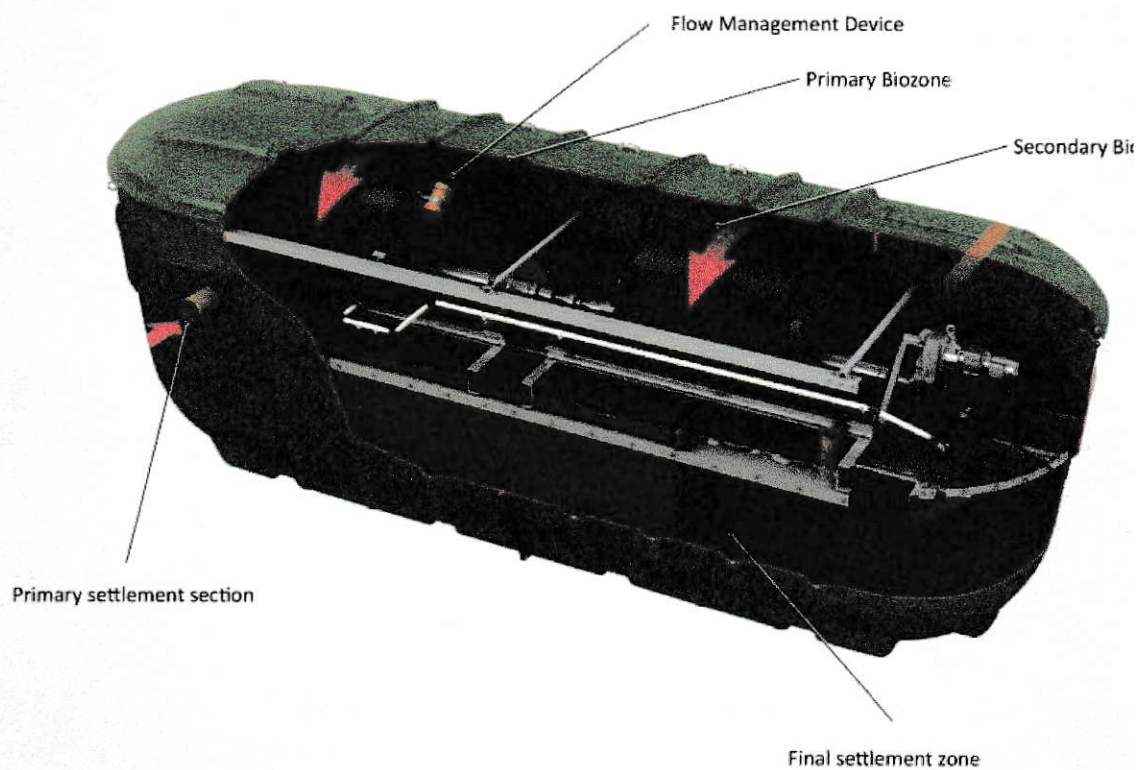


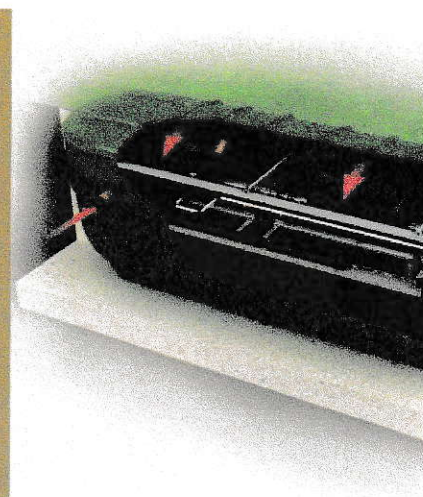
BioDisc®

PREMIUM COMMERCIAL SEWAGE TREATMENT PLANT

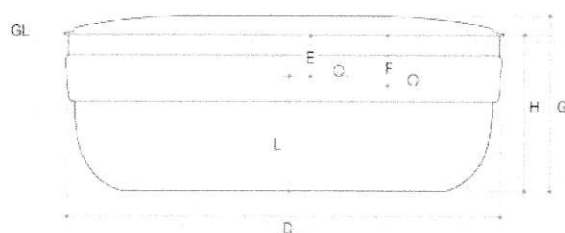


THE PREMIUM SEWAGE TREATMENT PLANT

The BioDisc® employs a unique patented Managed Flow System which has been specifically designed to maintain optimum performance despite shock organic loadings and hydraulic surges. The plant uniquely provides four separate treatment zones within a single vessel. The rotating discs create a gentle and reliable flow path within both disc zones. The whole surface area is continually regenerated with new biological growth.



Standard Single Piece System



GL = Ground Level

	25P		50					
Unit code	BD	BE	BF	BG	BH	BJ	BK	BL
Maximum daily BOD (kg)	1.5	2.1	3.0	4.2	4.5	6.0	7.5	9.0
Maximum daily flow (m ³ /day)	5	7	10	14	15	20	25	30
D Length (mm)	3340	3340	4345	5235	7755	7755	7755	7755
Width (mm)	2450	2450	2450	2450	2450	2450	2450	2450
E Inlet Invert Depth (mm)		600/1100				600		
F Outlet Invert Depth (mm)	1185	1185	1200	1200	750	750	750	750
G Overall height (mm)	2825	2825	2825	2875	2830	2830	2830	2830
H Height to rim of cover (mm)	2485	2485	2485	2485	2500	2500	2500	2500
Weight approx. (kg)	1100	1200	1315	1660	3000	3100	3200	3300
Electrical specification								
Standard power supply					1 Phase			
Optional power supply					3 Phase			
Motor rating 1 phase/3 phase	75	75	120	180	250	250	370	370
Full load current 1 phase	130	110	126	170	195	195	275	275
Full load current 3 phase	-	-	0.42	0.63	0.88	0.88	1.35	1.35

APPLICATIONS

- Hotels
- Offices
- Schools/ Nursing homes
- Housing estates
- Industrial estates

FEATURES AND BENEFITS

- No aeration
- No compressors - No noise
- Virtually odourless
- Single piece tank
- Patented Flow Management
- Continuous treatment even with over- or under load
- Fully removable covers for simple maintenance

LEGISLATION, STANDARDS & CODES

- Designed in accordance with BF 12566 (BD-BF) and EN 12255 (BG-BL)
- CE marked

BOD	20m
Suspended Solids	30m
Ammoniacal Nitrogen	20/5

Carnbane Business Park
Newry, Co. Down
BT35 6QH
T: 049 4369 555 (IRL)
T: 028 3026 6799 (NI)
Fax: 028 302 60046

Wardhead Park
Stewarton
Ayrshire, KA3 5LH
Tel: 01560 486588
Fax: 01560 486589

College Road North,
Aston Clinton, Aylesbury
Buckinghamshire HP 22 5EW
Tel: 01296 633 000
Fax: 01296 633 001
www.kingspanenviro.com/biodisc

