

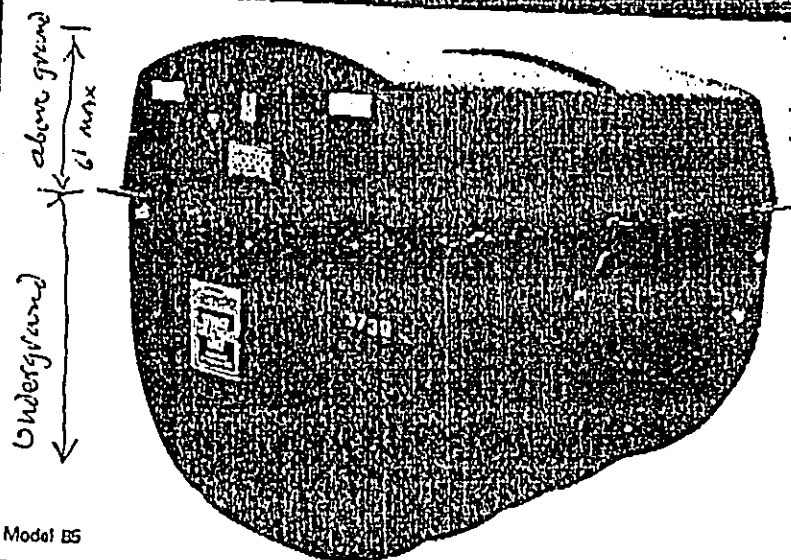
PLANNING FILES

HOOK HOUSE, COOPERS LANE RD.

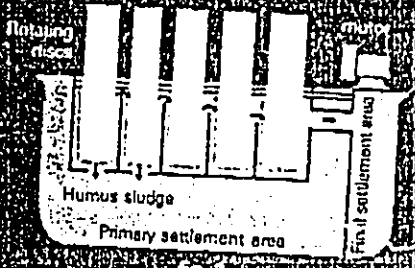
S6/602/89

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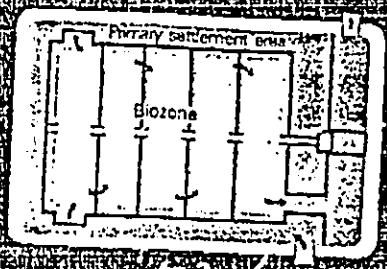
NORTHAW.



Model B5



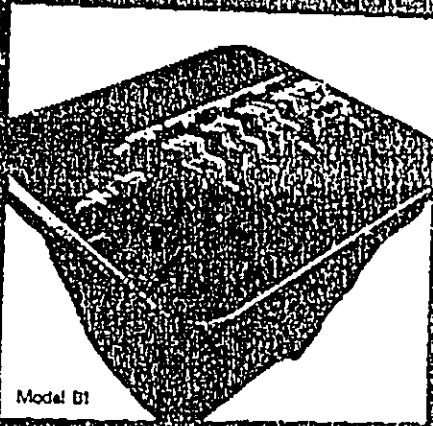
Model B1



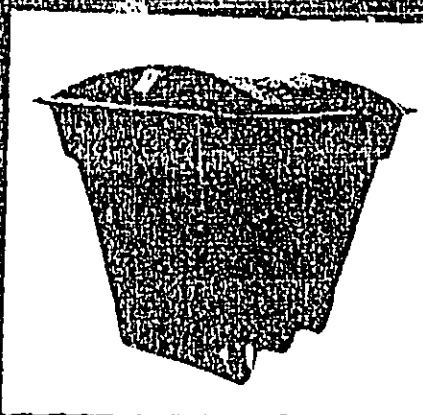
Model B2

TYPICAL BIODISC LOADINGS

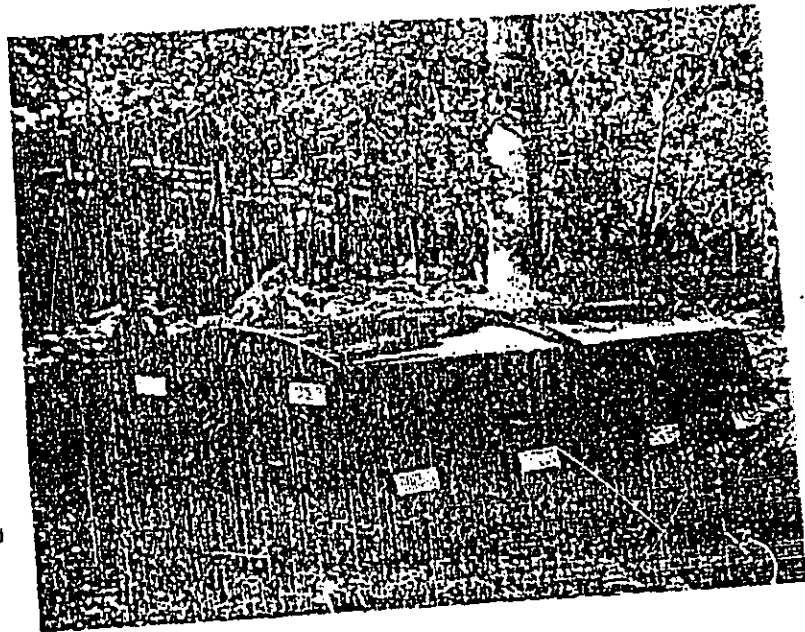
	B1	B2	B5	B8	B11	B14	B16	B17
Average Flow M ³ /d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
BOD Applied Load Kg	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Discs	100	100	100	100	100	100	100	100
Applied Load Kg/disc	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103
Flow M ³ /disc	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Flow M ³ /disc/d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Flow M ³ /disc/h	0.0417	0.0417	0.0417	0.0417	0.0417	0.0417	0.0417	0.0417
Flow M ³ /disc/min	0.00174	0.00174	0.00174	0.00174	0.00174	0.00174	0.00174	0.00174
Flow M ³ /disc/s	0.00029	0.00029	0.00029	0.00029	0.00029	0.00029	0.00029	0.00029
Flow M ³ /disc/hour	0.0000117	0.0000117	0.0000117	0.0000117	0.0000117	0.0000117	0.0000117	0.0000117
Flow M ³ /disc/minute	0.0000048	0.0000048	0.0000048	0.0000048	0.0000048	0.0000048	0.0000048	0.0000048
Flow M ³ /disc/second	0.0000008	0.0000008	0.0000008	0.0000008	0.0000008	0.0000008	0.0000008	0.0000008



Model B1



A 3000 unit serving a prestige leisure complex where aesthetic acceptability and minimal maintenance requirements were major influences on plant selection.



MODEL NO.	DIMENSIONS (mm)			Overall Height	WEIGHT		Base to Inlet Invert Pipe	Drive kW 1 ph.	POWER	
	Length	Width	Tank Depth		Empty (T)	Full (T)			Rating kW 3 ph.	Approx Daily Power Consumption: kW Hours/Day
B1	1950	1700	1705	1935	0.4	2.7	1325	0.04	3 ph. Available	1.5
B2	3300	1700	1705	1935	0.65	4.3	1325	0.04	Available	1.5
B3	3100	2170	1925	2780	1.3	9.5	1625	0.04	0.15	1.5
B4	3800	2170	1925	2780	1.7	11.5	1625	—	0.15	3
B5	4500	2170	1925	2780	1.95	14.0	1625	—	0.15	3
B6	4050	2700	2175	3230	2.1	18.0	1875	—	0.25	5
B7	4950	2700	2175	3230	2.7	22.5	1875	—	0.25	5
B8	6400	2700	2175	3230	3.1	25.5	1875	—	0.25	6
B9	6750	2700	2175	3230	3.8	35.0	2205	—	0.55	8
B10	6420	3200	2625	3680	4.9	42.5	2205	—	0.55	9
B11	7780	3200	2625	3680	5.5	52.5	2205	—	0.75	11
B12	9130	3200	2625	3680	6.1	60.0	2205	—	0.75	13
B13	11890	4240	3100	4850	8.5	82.0	2700	—	1.14	16
B14	8470	4240	3100	4850	9.5	75.0	2700	—	1.10	18
B15	9850	4240	3600	5350	10.2	90.0	3200	—	1.50	21
B16	10340	4240	3600	5350	12.0	119.0	3200	—	2.20	30
B17	11540	4240	3600	6350	14.0	135.0	3200	—	—	—

Delivery & off-loading

BioDisc units are delivered by flat type vehicles and the larger units will require craneage for offloading.

Crane requirements vary considerably, dependent upon unit size and site conditions. It is advisable to make a preliminary access check with the crane hire company.

Installation

The Company offers a comprehensive installation and commissioning service, our engineers are also available to offer expert advice to clients wishing to carry out their own installation works.

The following notes are offered for general guidance only:-

Where the site conditions are favourable, excavate and lay a concrete base and backfill with a dry lean mix concrete consolidating as backfilling proceeds.

It is generally advisable to surround the tank in dense (1:2:4 mix) concrete, 150 mm thick and fill the tank with water through the backfill process.

Klargester

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