

POND & FEATURE PUMPS

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Hydratech Torrent

Hydratech Torrent pumps are the latest revolution in solid waste movement pumps. Ideal for running waterfalls and filter. The unique Duplex Magflow Technology enables the Hydratech Torrent pump to deliver the high performance needed by modern pressure filter systems and to run spectacular waterfalls. Hydratech Torrent pumps have synchronous motors that are low wattage so cheap to run, and inherently reliable. A highly effective pond floor intake ensures effective uptake of waste material. All Hydratech Torrent pumps come with a three-year warranty.

3000 and 4000 Water Garden Pumps - New to Range

Two new Torrent pumps suitable for smaller ponds, but maintaining the successful formula of high flow rate and head combined with low running costs.

- Ideal for filter systems and waterfalls
- Unique reliable Duplex Magflow motor design
- Low running costs
- Energy efficient, low wattage motor
- Improves filtration performance. Advanced Pond floor intake system sucks in pond waste
- Both come with a Blagdon three year guarantee
- 6mm solid handling

NEW TO RANGE



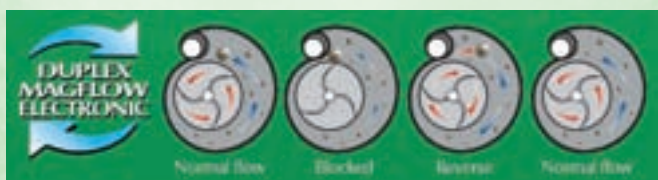
Hydratech Multi - Technical Specification

MODEL	FLOW-MAX LPH	FLOW@1.5M LPH	SOLIDS	WATTS	MAX HEAD	CODE
3000	3000 lph	2000 lph	6mm	50w	2.85	1011556
4000	3875 lph	2000 lph	6mm	69w	3.1	1011549
MODEL	FLOW-MAX LPH	FLOW@2M LPH	SOLIDS	WATTS	MAX HEAD	CODE
5500	5400 lph	2900 lph	8mm	135w	4.0	1011471
8000E	8000 lph	6300 lph	8mm	135w	6.0	1011488
10500E	10500 lph	9300 lph	8mm	263w	9.54	1011495

Unique Duplex Magflow Electronic performance impeller system

Normal Magnet drive impellers have very low torque so they are designed to prevent large particles jamming the impeller and stopping the pump. They have a very open face impeller and high clearance all around the impeller to take large particles. The downside to this design is that the impeller cannot get hold of the water and create any pressure, back pressure on the system (head) simply pushes water back through the gaps around the impeller.

Duplex Magflow - the snail shell shape of the chamber creates an area of tight tolerance where the impeller can generate significant pressure and higher clearance areas where particles are picked up in the flow. This design is only possible because of the unique self-cleaning action, which operates if a particle does become trapped by the impeller (see below).



Hydratech Torrent - Flow Rate in Litres Per Hour

HEAD (M)	3000	4000	5500	8000E	10500E
9.00					450
8.00					1750
7.00					3050
6.00					4650
5.50				1100	5375
5.00				1750	6100
4.50				2700	6650
4.00				3450	7200
3.50			900	4200	7725
3.00			1600	5100	8250
2.75	218	275	1950	5350	8510
2.50	590	650	2300	5600	8775
2.25	1000	1050	2600	5950	9035
2.00	1343	1400	2900	6300	9300
1.75	1687	1700	3175	6525	9460
1.50	2000	2000	3450	6750	9625
1.25	2218	2320	3850	7000	9780
1.00	2500	2625	4250	7250	9950
0.75	2718	2880	4525	7425	10090
0.50	2750	3250	4800	7600	10225
0.25	2875	3550	5125	7800	10350
0.00	3000	3875	5450	8000	10500
	3000	4000	5500	8000E	10500E

MODEL



MF 275



Minipond Feature Pumps

A new range of very compact high performance water feature pumps. 3m cable with plug fitted for indoor use and 10m cable without plug fitted for outdoor use.

- Ideal for outdoor or indoor water features
- Full colour carton complete with Pond Master guide instructions leaflet
- Integrated flow control
- All come with a Blagdon one year guarantee
- 3/8" and 1/2" hose fittings supplied

MF 275i Indoor

Max head height	0.5m / 18"
Wattage	4W
CODE	1011525

MF 550i Indoor

Max head height	1.3m / 4' 3"
Wattage	7W
CODE	1011518

MF 550 Outdoor

Max head height	1.3m / 4' 3"
Wattage	7W
CODE	1011501

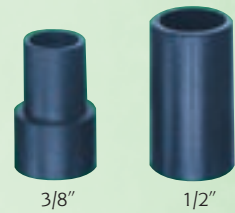
Minipond Feature Pump Flow Rate

LIFT IN CM	275i	550i	550
100	185	185	185
50	300	300	300
25	200	500	500
0	275	550	550
	MODEL		



MF 550/550i

Hose Fittings Supplied



3/8"

1/2"

Hydratech

The original Hydratech range comprises 6 pumps from 800 to 6000 litres per hour. The pumps feature high performance, reliability, value for money and an extensive range of fountain adjustments. A new T-piece is included with most sizes allowing exact control of the flow from both outlets. Most sizes also supplied with four fountain jets, as well as riser pipes and couplings. The Hydratech design ensures easy access to the pre-filter foam for cleaning.

Hydratech - Flow Rate in Litres Per Hour

HEAD (M)	MODEL					
	800	1300	3000	4000	5000	6000
4.25						
4.00						246
3.75						701
3.50				94	1250	
3.25				688	1800	
3.00				1009	2275	
2.75				1547	2730	
2.50		320	350	1964	3163	
2.25		648	855	2280	3500	
2.00	128	828	1392	2730	3823	
1.75	300	1119	1851	3142	4160	
1.50	123	493	1269	2249	3458	4489
1.25	260	675	1545	2537	3720	4740
1.00	372	801	1761	2876	4090	4970
0.75	465	940	1970	3124	4370	5194
0.50	550	1054	2205	3400	4630	5392
0.25	630	1140	2422	3631	4863	5621
0.00						

Hydratech - Technical Specification

DESCRIPTION	FLOW LPH	HEAD (M)	WATTS	CODE
Hydratech 800	800 lph	1.60m	10w	1011303
Hydratech 1300	300 lph	2.20m	25w	1011310
Hydratech 3000	3000 lph	2.50m	50w	1011327
Hydratech 4000	4000 lph	3.00m	53w	1011334
Hydratech 5000	5000 lph	3.50m	93w	1011341
Hydratech 6000	6000 lph	4.00m	115w	1011358

