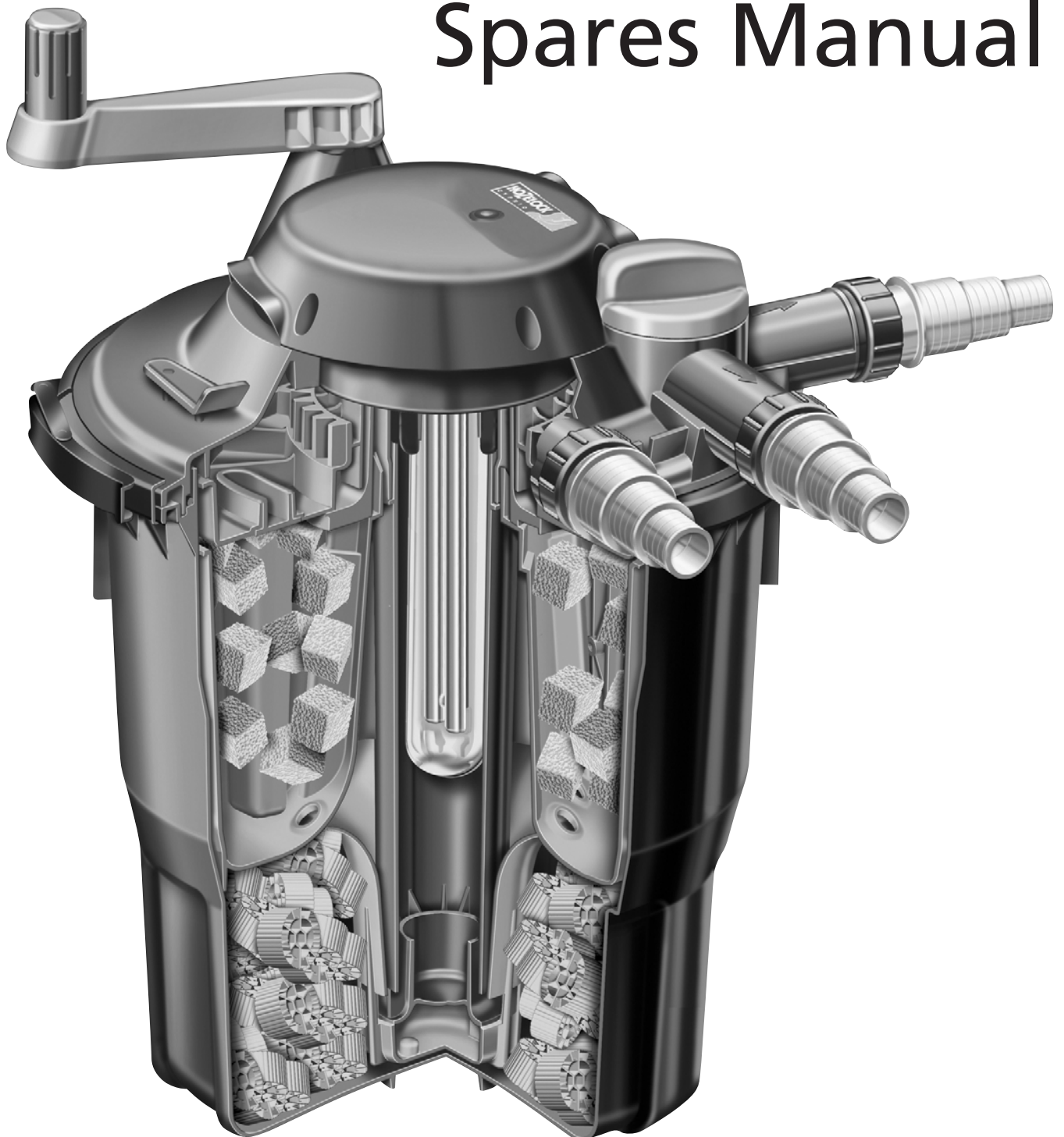




Aquatics

Spares Manual

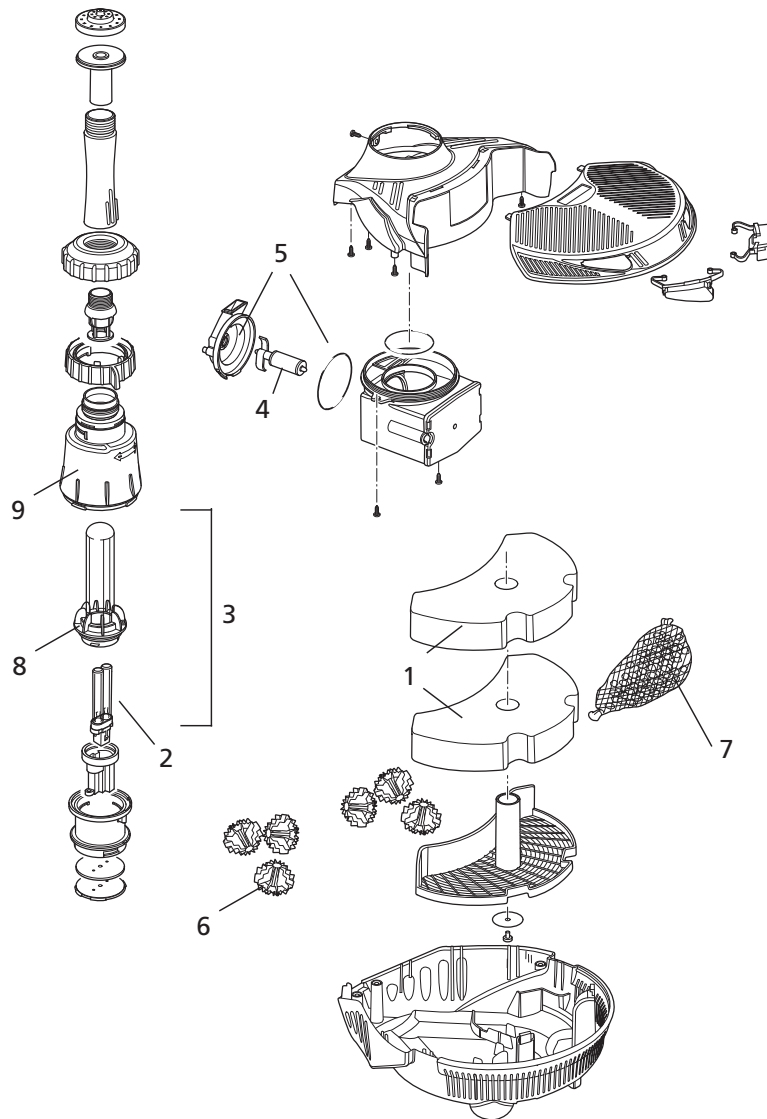
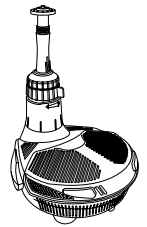


3327

3027

3001LV

EasyClear 3'n1 Clearwater & Fountain Pump



Spares Part Numbers

Please specify part number
when ordering

		Part No
1	Foam (single - order 2)	1408
2	UV Lamp (5W)	1519
3	Quartz Tube Assembly	1526
4	Pump Rotor	3418
5	Pump Chamber and O-Ring	Z10045
6	Biomedia	Z10047
7	Stones	Z10048
8	O-Ring Kit	Z10049
9	Neck O-Rings x2	Z10052

3328

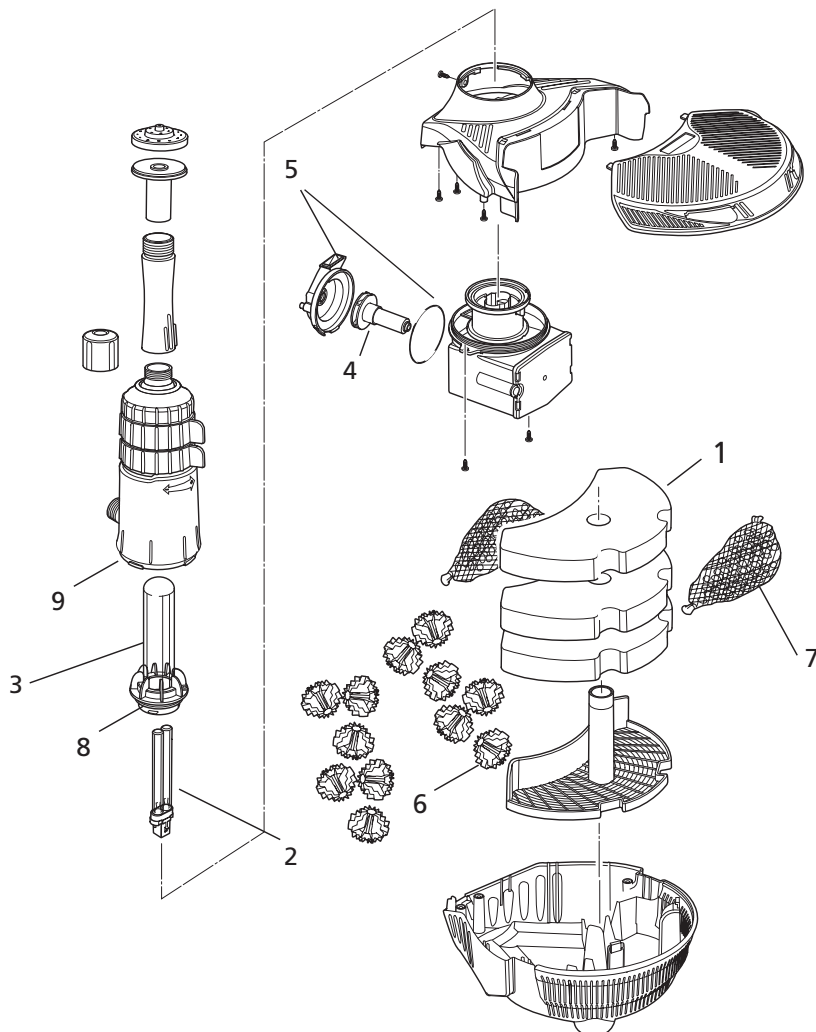
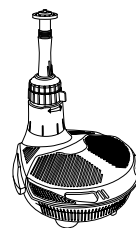
EasyClear 4'n1

3028

Clearwater, Fountain

3002LV

& Waterfall Pump



Spares Part Numbers

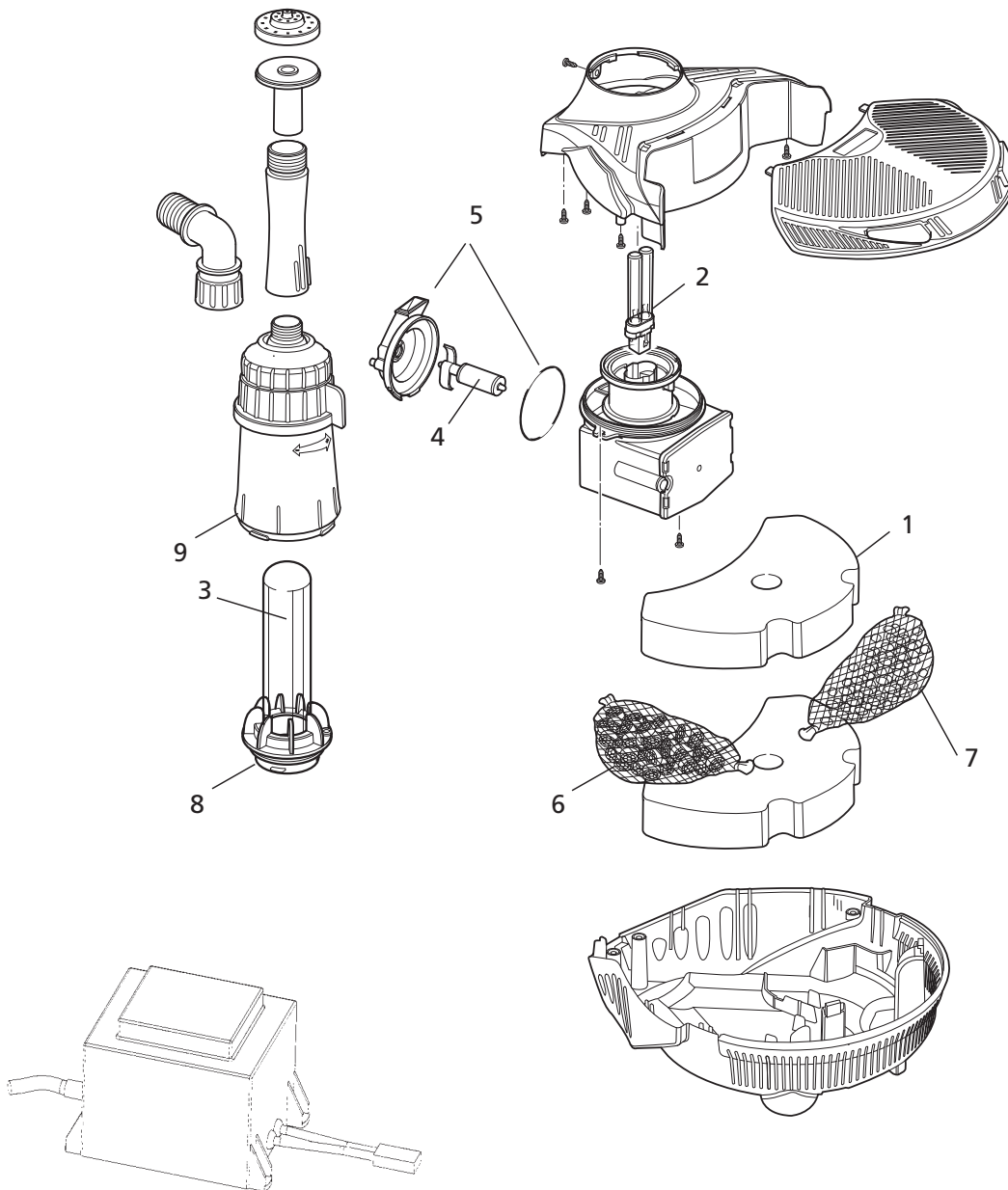
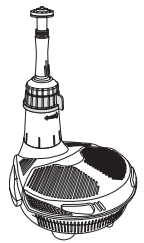
Please specify part number
when ordering

		Part No
1	Foam (single - order 3)	1408
2	UV Lamp (9W)	1520
3	Quartz Tube Assembly	1529
4	Pump Rotor & Pump Chamber	3439A
5	Pump Chamber and O-Ring	Z10046
6	Biomedia	Z10047
7	Stones	Z10048
8	O-Ring Kit	Z10049
9	Neck O-Rings x2	Z10052

3003

3113

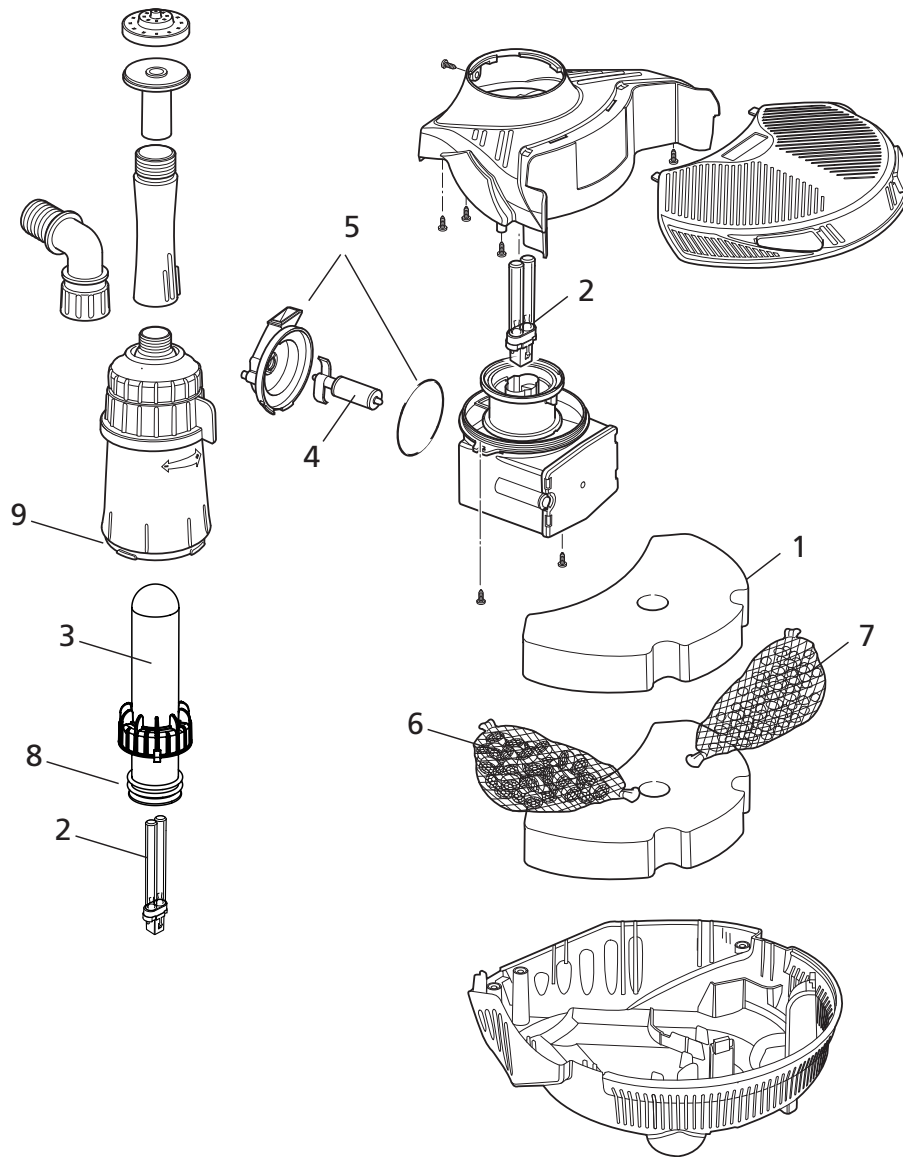
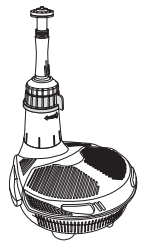
EasyClear 3000/ EasyClear 3000lv



Spares Part Numbers

Please specify part number
when ordering

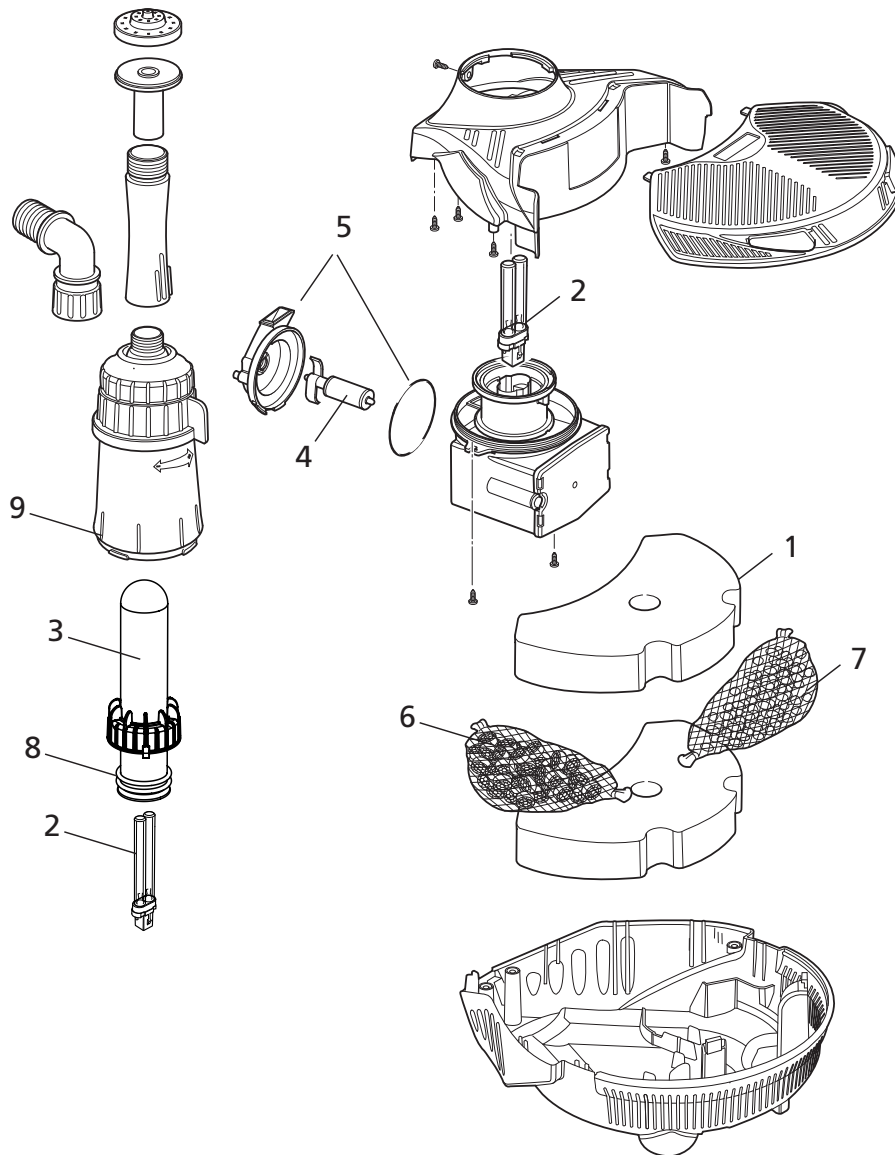
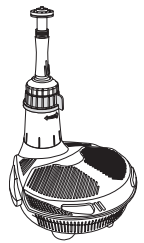
		Part No
1	Foam (single - order 2)	1408
2	UV Lamp (5W)	1519
3	Quartz Tube Assembly	1526
4	Pump Rotor	3418
5	Pump Chamber and O-Ring	Z10045
6	Biomedia	Z10047
7	Stones	Z10048
8	O-Ring Kit	Z10049
9	Neck O-Rings x2	Z10052



Spares Part Numbers

Please specify part number
when ordering

	Part No
1 Foam (single - order 2)	1408
2 UV Lamp (5W)	1519
3 Quartz Tube Assembly	1782
4 Pump Rotor	3418
5 Pump Chamber and O-Ring	Z10045
6 Biomedia	Z10047
7 Stones	Z10048
8 O-Ring Kit	Z10049
9 Neck O-Rings x2	Z10052



Spares Part Numbers

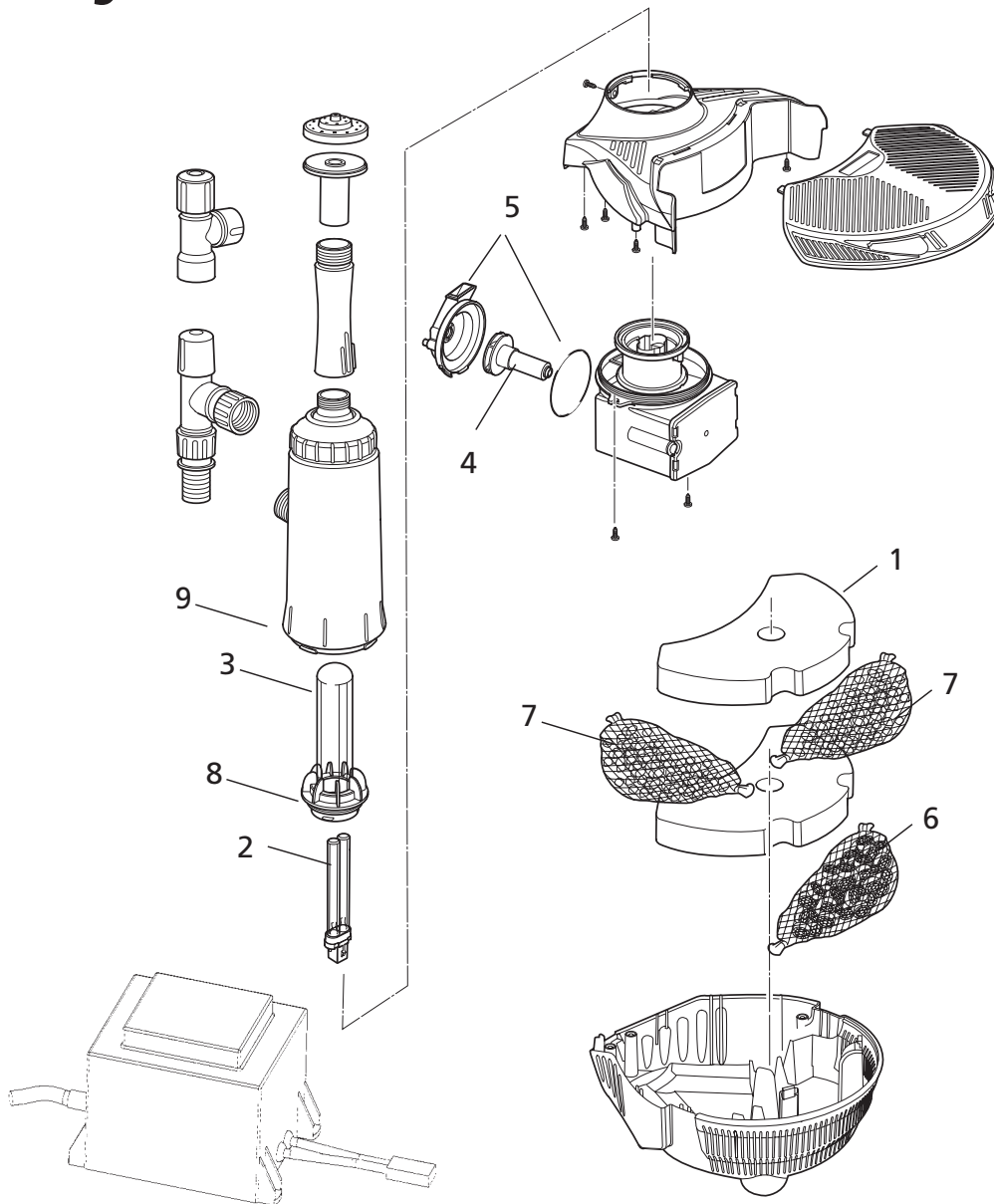
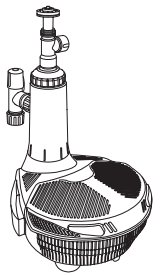
Please specify part number
when ordering

	Part No
1 Foam (single - order 2)	1408
2 UV Lamp (7W)	1517
3 Quartz Tube Assembly	1783
4 Pump Rotor	3418
5 Pump Chamber and O-Ring	Z10045
6 Bi-media	Z10047
7 Stones	Z10048
8 O-Ring Kit	Z10049
9 Neck O-Rings x2	Z10052

3006

3116

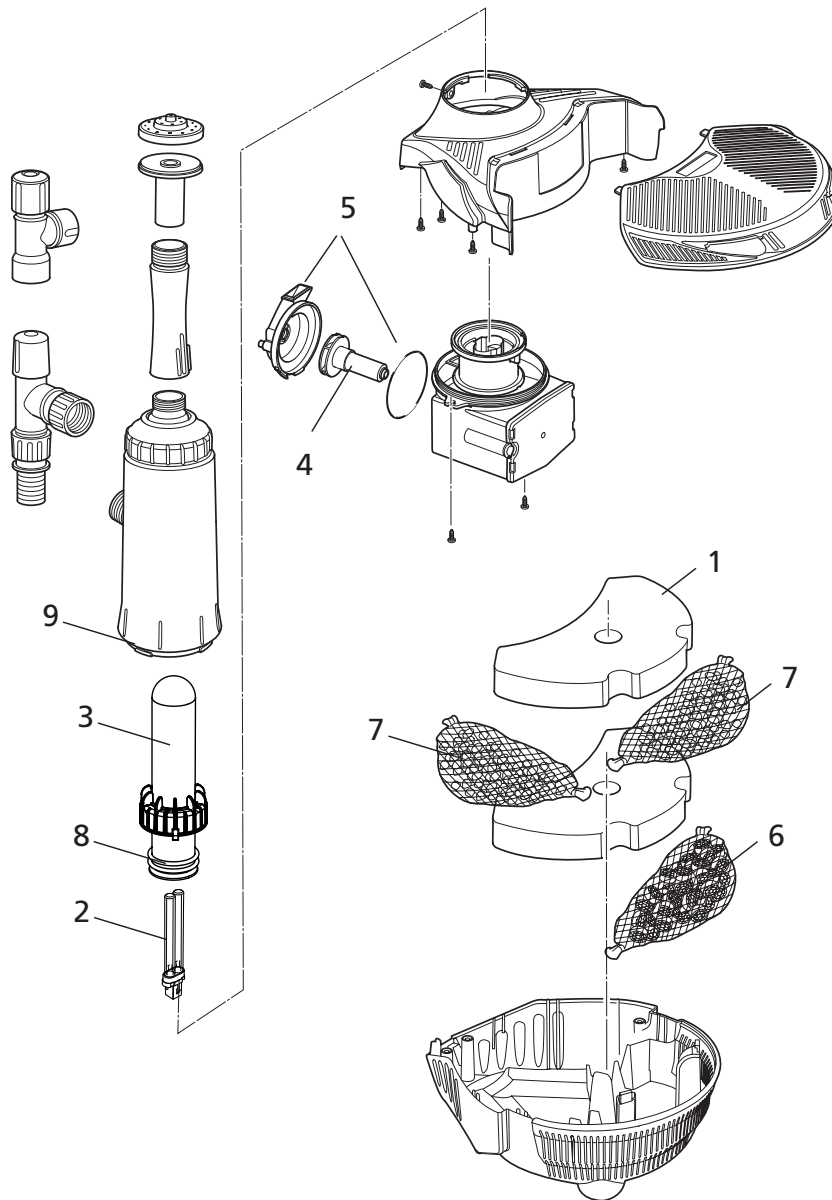
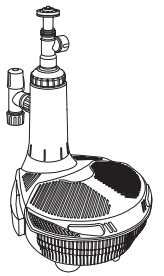
EasyClear 6000/ EasyClear 6000lv



Spares Part Numbers

Please specify part number
when ordering

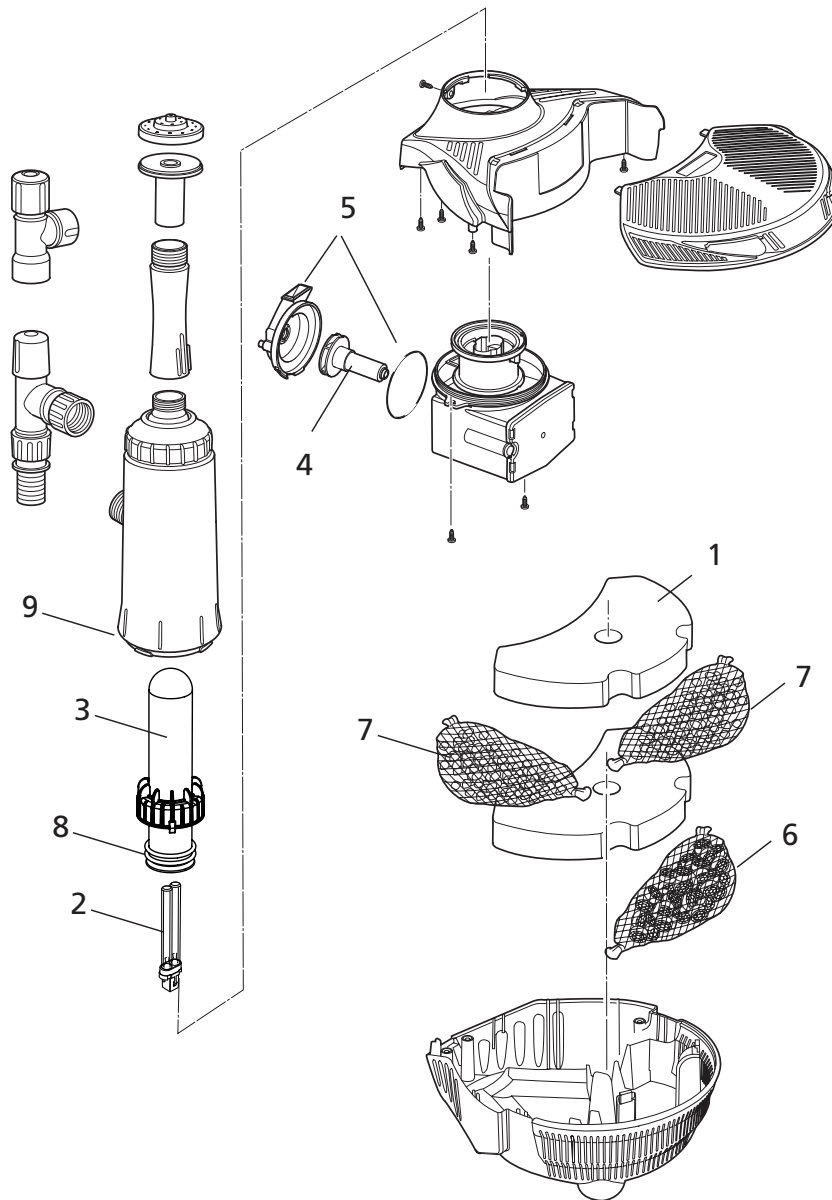
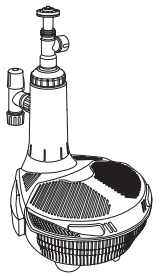
	Part No
1 Foam (single - order 2)	1408
2 UV Lamp - 9W	1520
3 Quartz Tube	1556
4 Pump Rotor	1681
5 Pump Chamber and O-Ring	Z10045
6 Biomedia	Z10047
7 Stones	Z10048
8 O-Ring Kit	Z10049
9 Neck O-Rings x2	Z10052



Spares Part Numbers

Please specify part number
when ordering

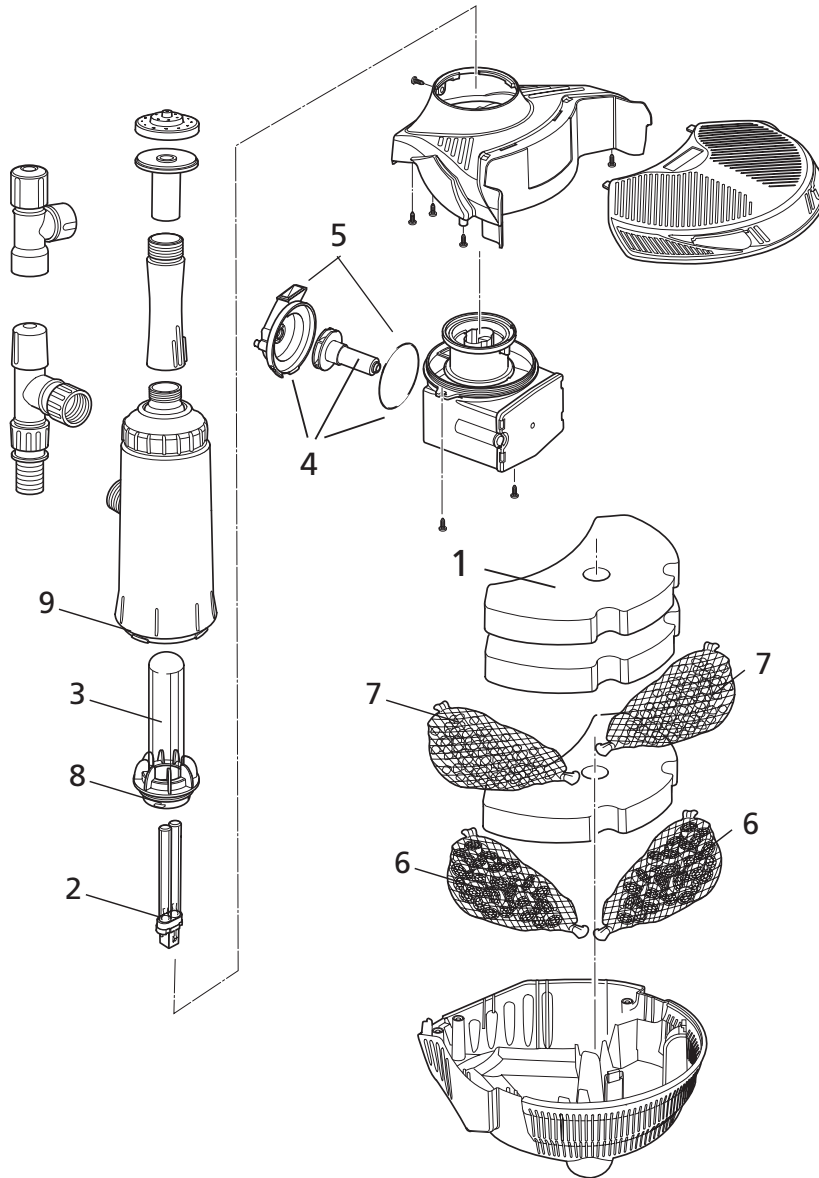
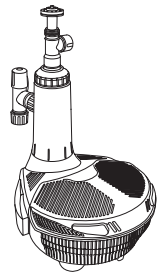
	Part No
1 Foam (single - order 2)	1408
2 UV Lamp - 9W	1520
3 Quartz Tube	1784
4 Pump Rotor	1681
5 Pump Chamber and O-Ring	Z10045
6 Bi-media	Z10047
7 Stones	Z10048
8 O-Ring Kit	Z10049
9 Neck O-Rings x2	Z10052



Spares Part Numbers

Please specify part number
when ordering

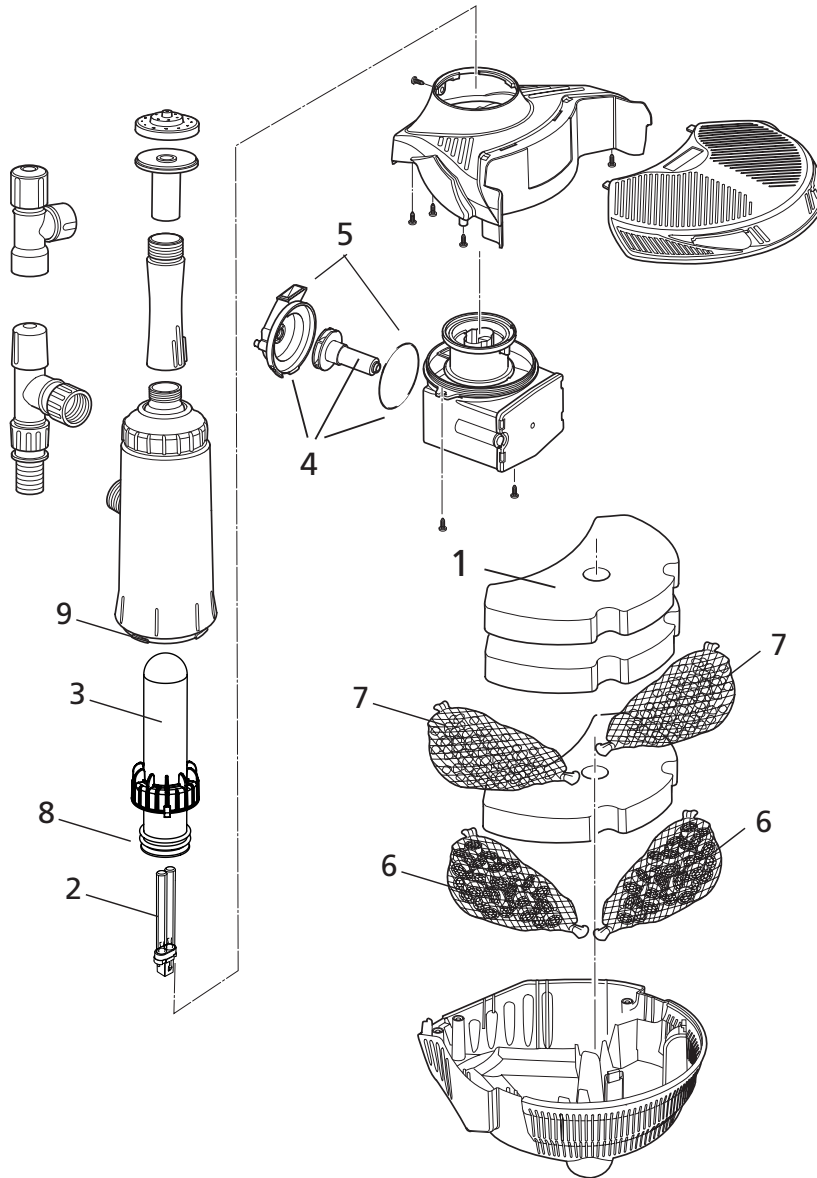
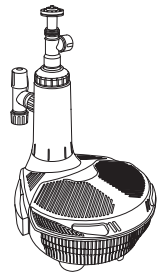
	Part No
1 Foam (single - order 2)	1408
2 UV Lamp - 11W	1518
3 Quartz Tube	1784
4 Pump Rotor	1681
5 Pump Chamber and O-Ring	Z10045
6 Bi-media	Z10047
7 Stones	Z10048
8 O-Ring Kit	Z10049
9 Neck O-Rings x2	Z10052



Spares Part Numbers

Please specify part number
when ordering

	Part No
1 Foam (single - order 3)	1408
2 UV Lamp (13W)	1541
3 Quartz Tube	1556
4 Pump Chamber and Rotor	3439A
5 Pump Chamber and O-Ring	Z10046
6 Bi-media	Z10047
7 Stones	Z10048
8 O-Ring Kit	Z10049
9 Neck O-Rings x2	Z10052



Spares Part Numbers

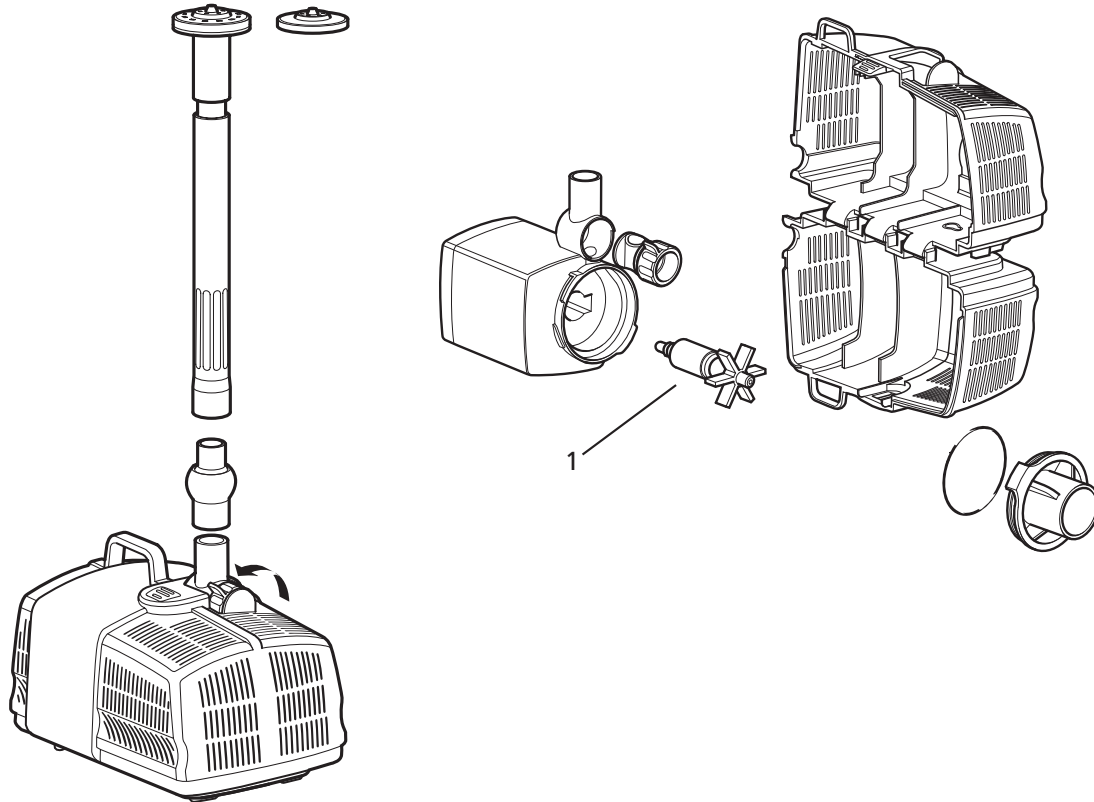
Please specify part number when ordering

	Part No
1 Foam (single - order 3)	1408
2 UV Lamp (13W)	1541
3 Quartz Tube	1784
4 Pump Chamber and Rotor	3439A
5 Pump Chamber and O-Ring	Z10046
6 Biomedias	Z10047
7 Stones	Z10048
8 O-Ring Kit	Z10049
9 Neck O-Rings x2	Z10052

3352

3052

Cascade 700 & 700LV (from 2006)

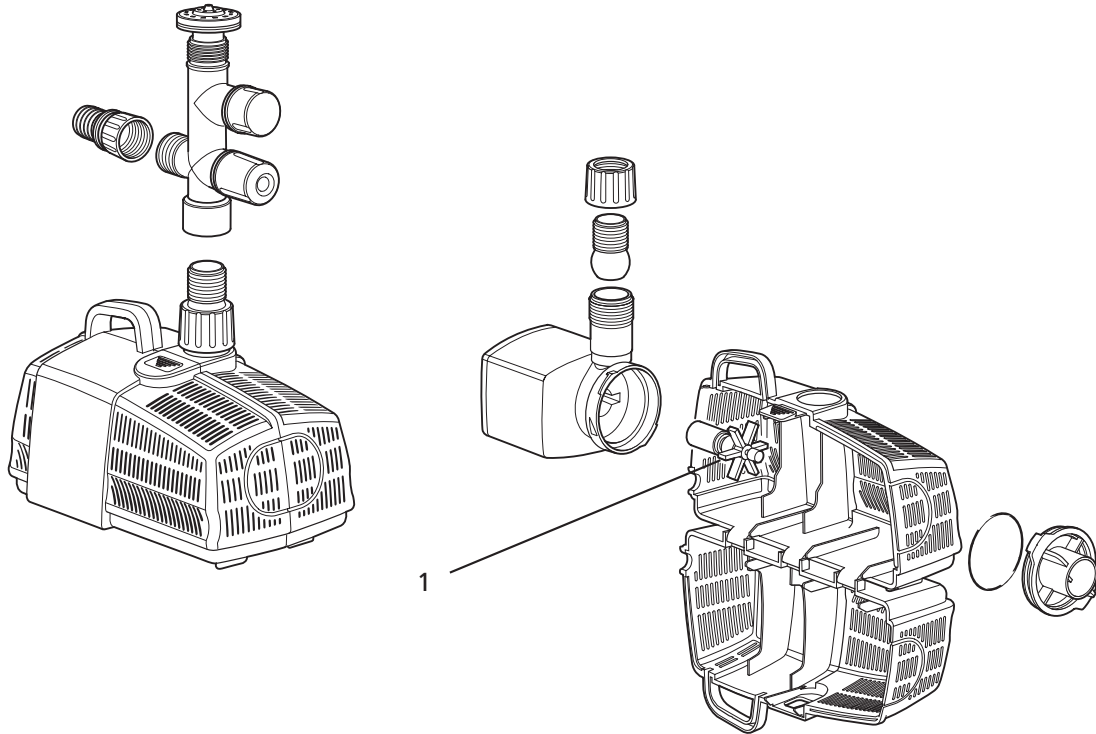


Spares Part Numbers		Please specify part number when ordering	
		Part No	
	Cascade 700 & 700LV	700	700LV
1	Rotor Assembly	3419	3419

3353

3053

Cascade 1000 & 1000LV (from 2006)



Spares Part Numbers		Please specify part number when ordering	
		Part No	
	Cascade 1000 & 1000LV	1000	1000LV
1	Rotor Assembly	1680	1680

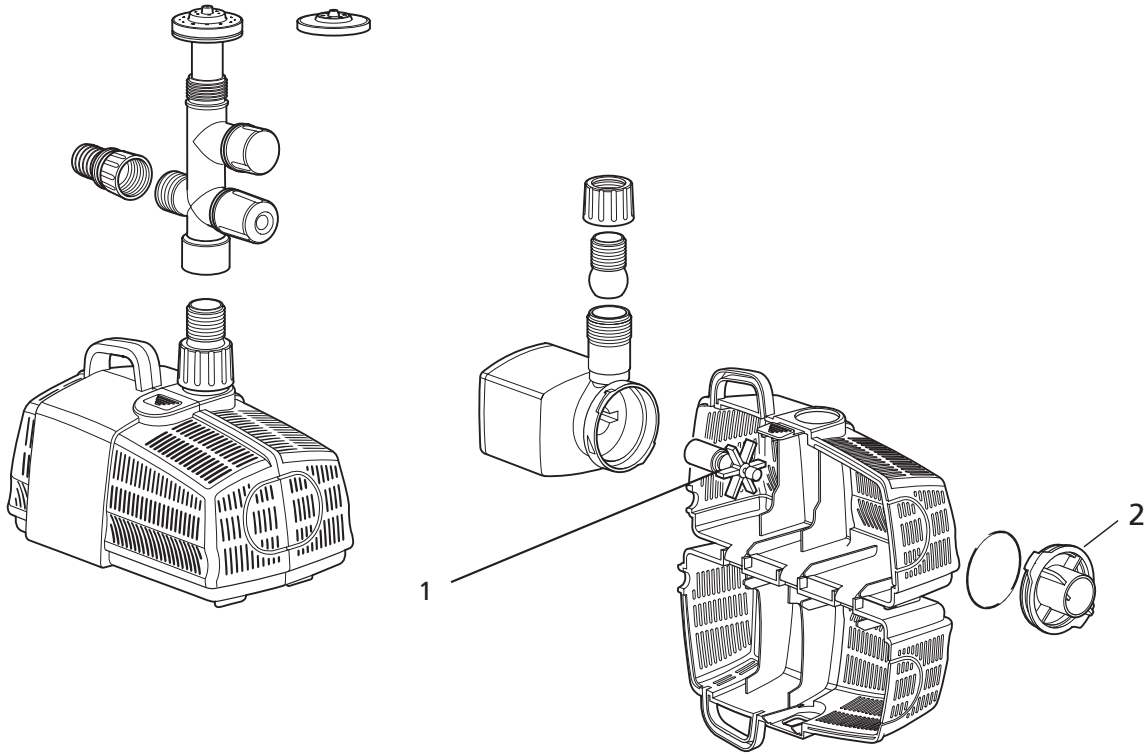
3354

3054

3344

3044

Cascade 1500 & 1500LV Cascade 4000 & 4000LV (from 2006)



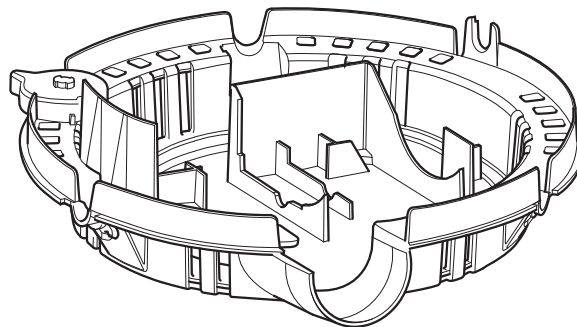
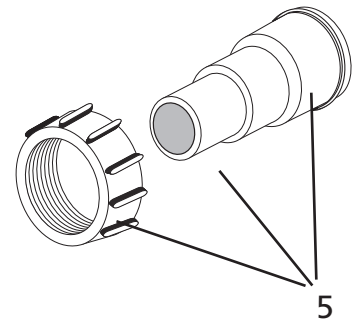
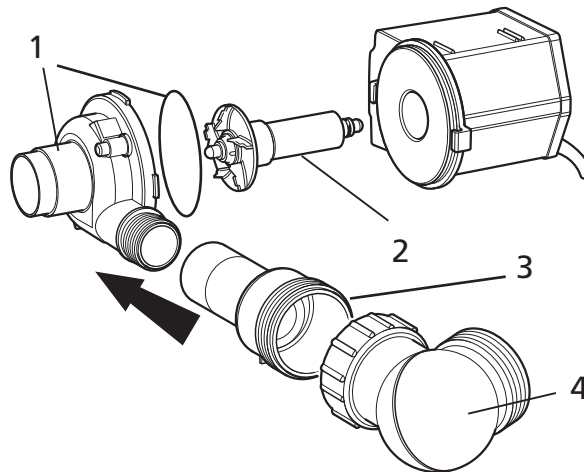
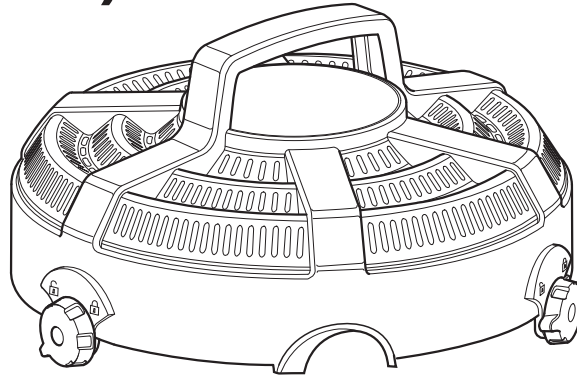
Spares Part Numbers		Part No			
		1500	1500LV	4000	4000LV
1	Rotor Assembly	3409	3409	3411	3411
2	Pump Chamber and O-ring	-	-	Z13255	Z13255

Please specify part number when ordering

1451

1452

Titan 2000 & 3000 (from 2002)



Spares Part Numbers

Please specify part number
when ordering

		Part No	
		2000	3000
1.	Pump Chamber and O-Ring Seal*	-	Z10006
2.	Rotor Assembly	1681	-
3.	Threaded Outlet Adapter	1682	1682
4.	Ball Joint	Z10013	Z10013
5.	1x Stepped Hosetail, 1x Retaining Nut and O-ring	Z10012	Z10012

**Obsolete with stock*

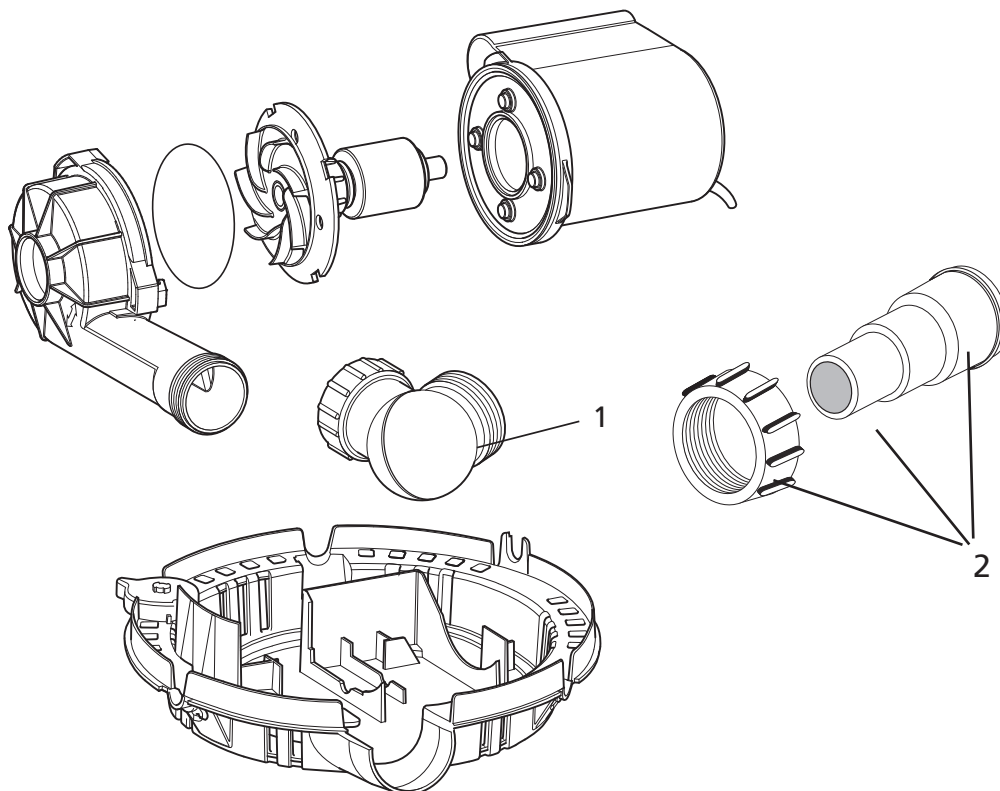
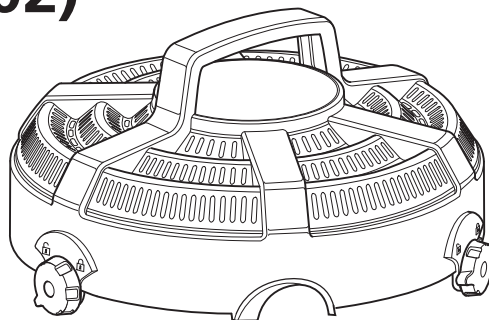
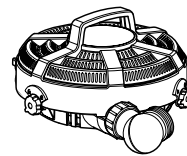
1454

Titan 5500 & 8000

1456

Titan 1450 & 2100 (US)

(from 2002)



Spares Part Numbers

Please specify part number
when ordering

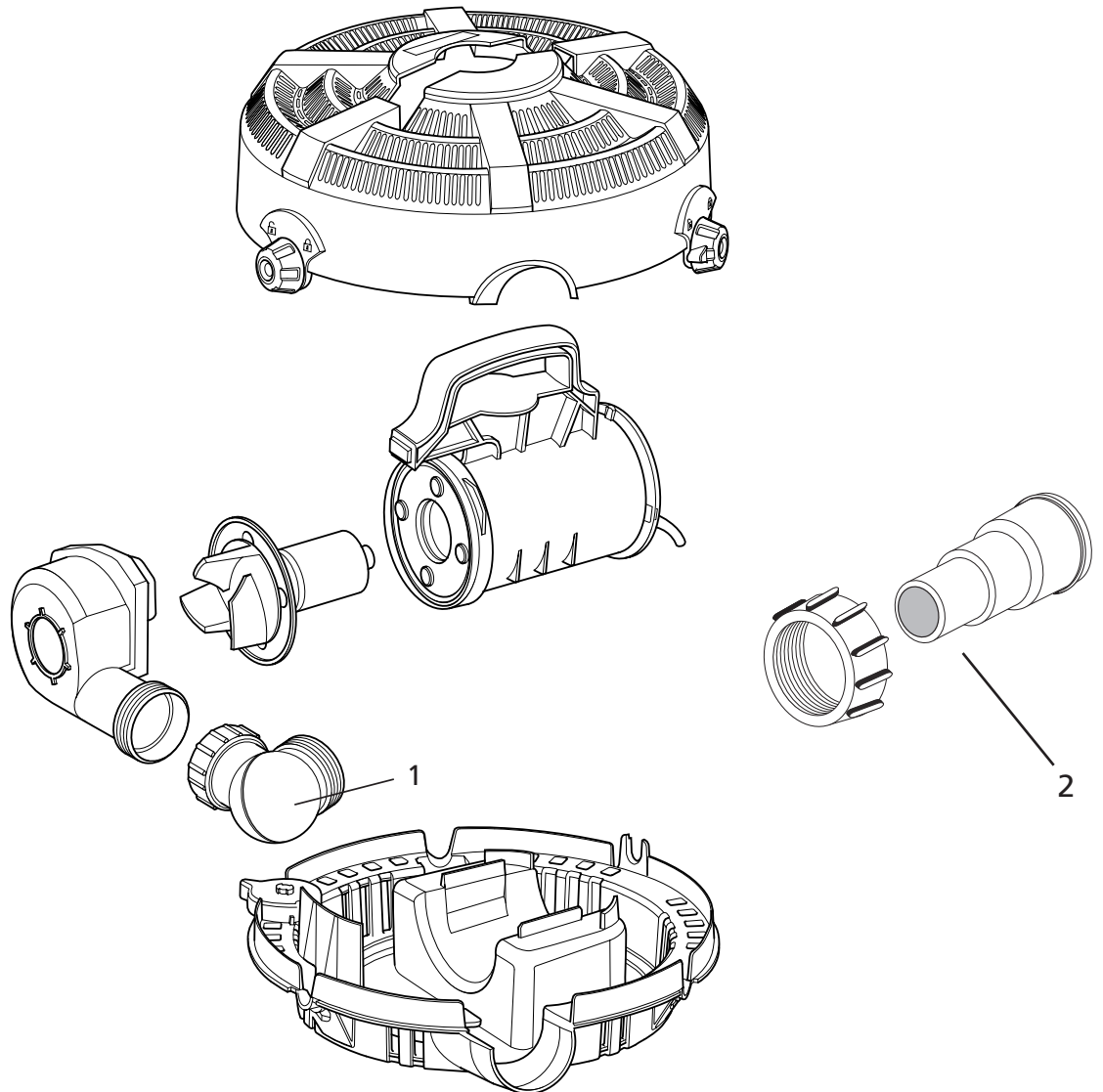
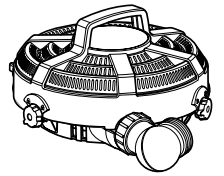
		Part No	
		5500 (1450)	8000 (2100)
1.	Ball Joint	Z10013	Z10013
2.	1x Stepped Hosetail & 1x Retaining Nut and O-ring	Z10012	Z10012

**Obsolete with stock*

1457

1458

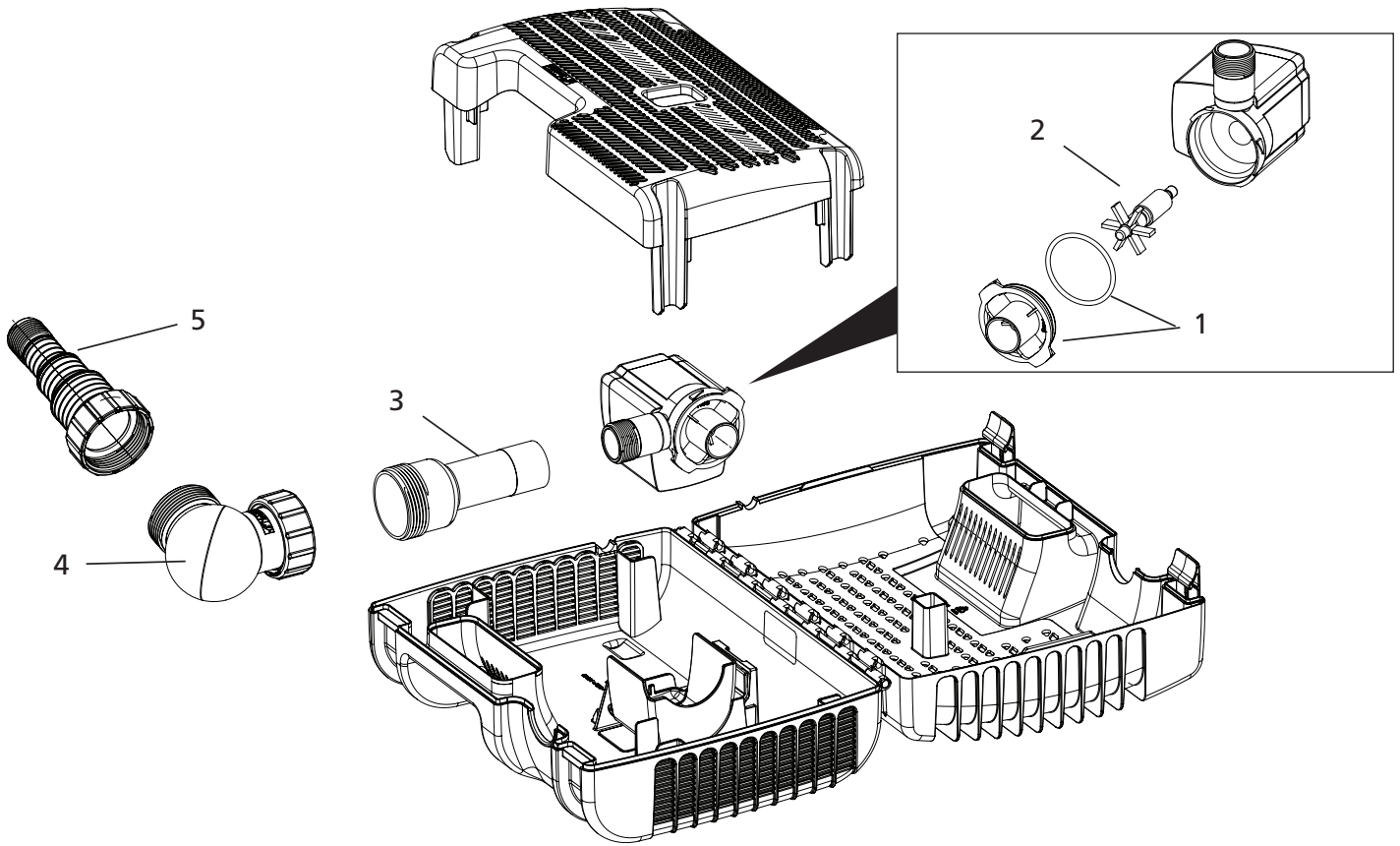
Titan 12000 & 15000



Spares Part Numbers

Please specify part number
when ordering

		Part No	
		12000	15000
1.	Ball Joint	Z10013	Z10013
2.	1x Stepped Hosetail & 1x Retaining Nut	Z10012	Z10012



Spares Part Numbers

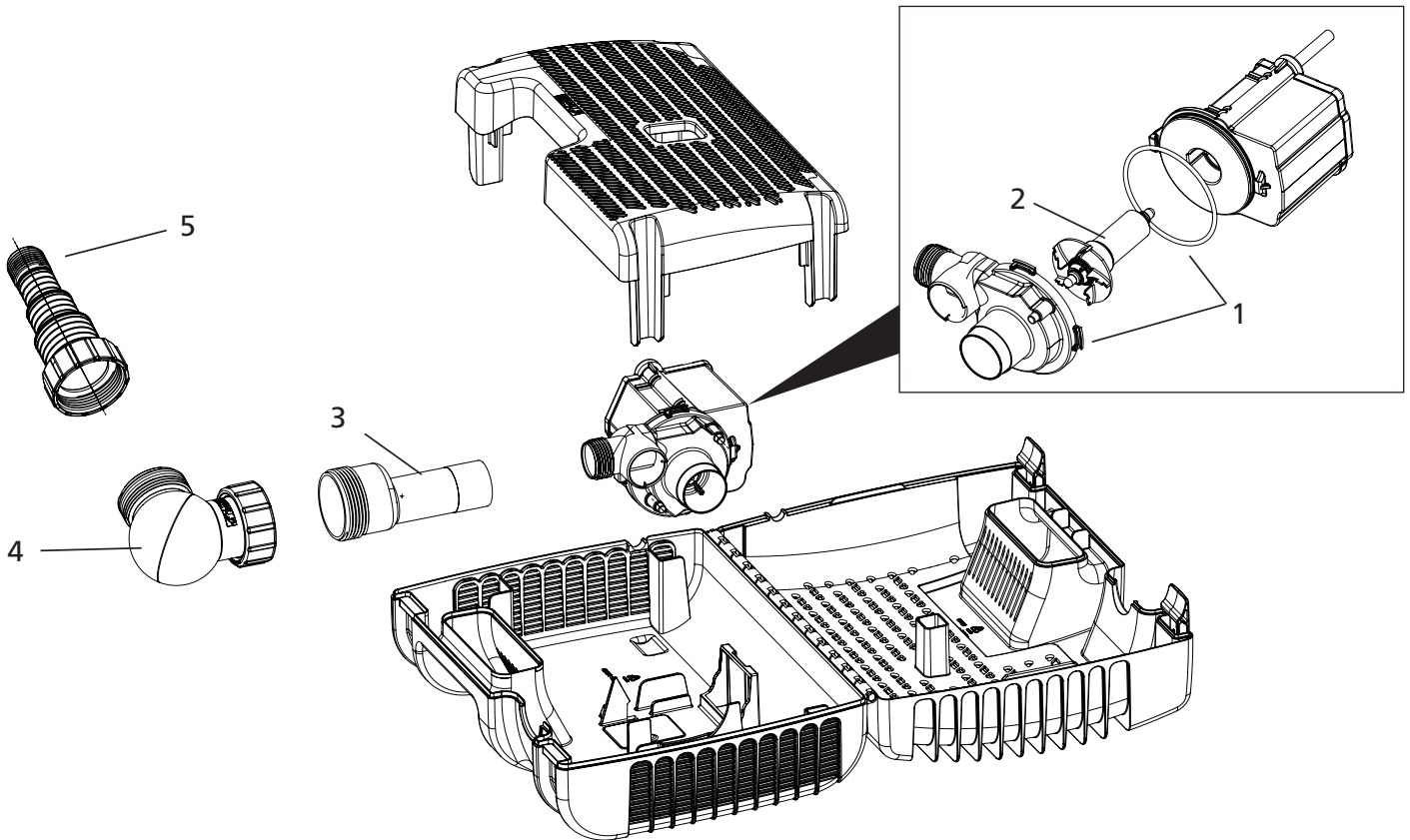
Please specify part number when ordering

		Part No
		1000
1.	Pump Chamber and O-Ring Seal	Z10005
2.	Rotor Assembly	1680
3.	Threaded Outlet Adaptor	1682
4.	Ball Joint	Z10013
5.	1x Stepped Hosetail & 1x Retaining Nut and O-ring	Z10012

1581

1582

Aquaforce 2500 & 4000 Solids Handling Pump



Spares Part Numbers

Please specify part number
when ordering

		Part No		
		2500	4000	SOLIDS HANDLING PUMP
1.	Pump Chamber and O-Ring Seal	Z10006	Z10007	Z10007
2.	Rotor Assembly	1681	Z10000	Z10000
3.	Threaded Outlet Adaptor	1682	1682	1682
4.	Ball Joint	Z10013	Z10013	Z10013
5.	1x Stepped Hosetail & 1x Retaining Nut and O-ring	Z10012	Z10012	Z10012

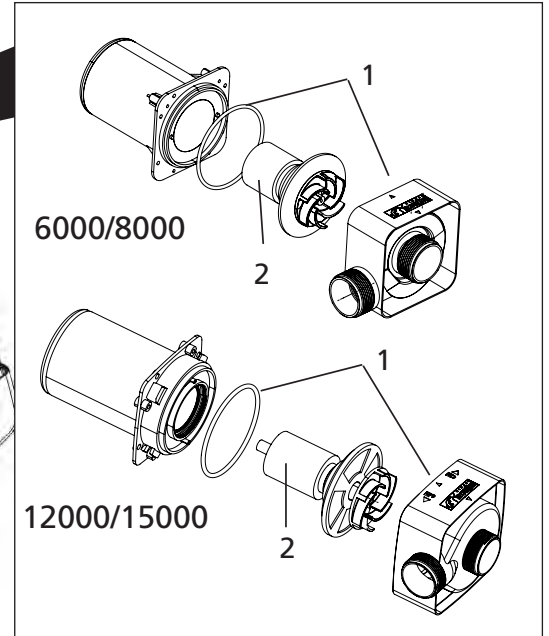
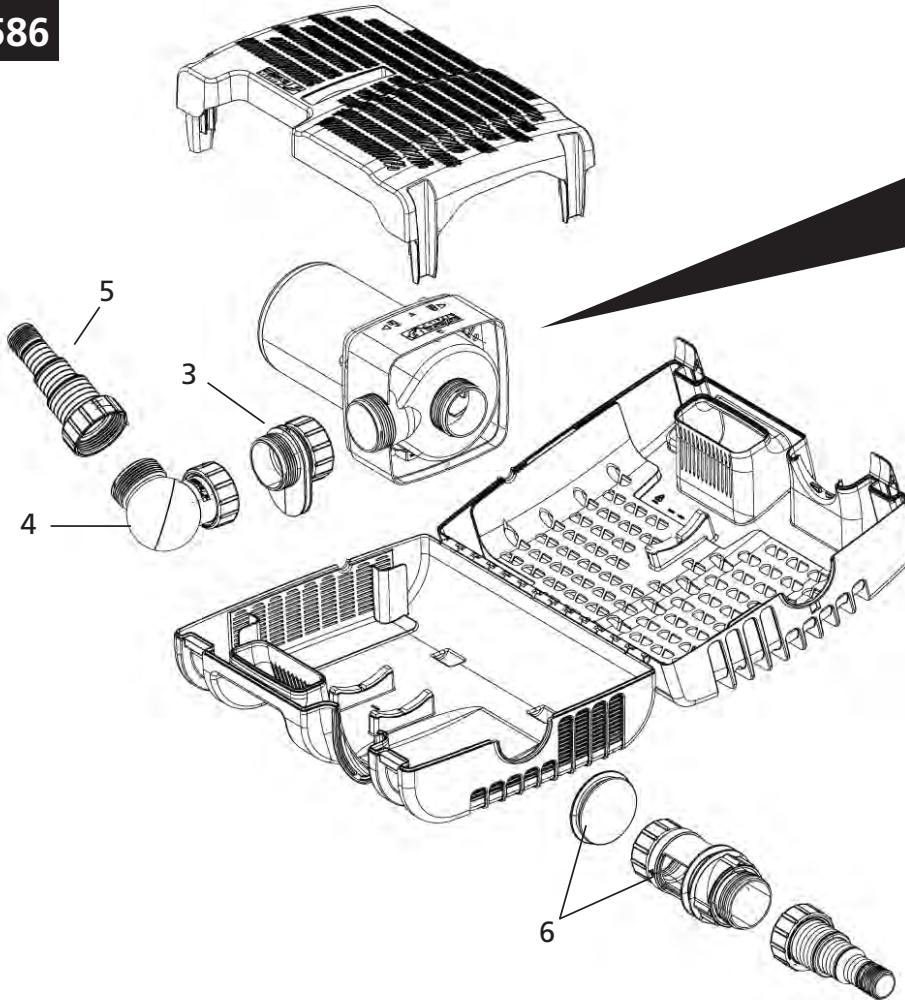
1583

1584

1585

1586

Aquaforce 6000, 8000, 12000 & 15000



Spares Part Numbers

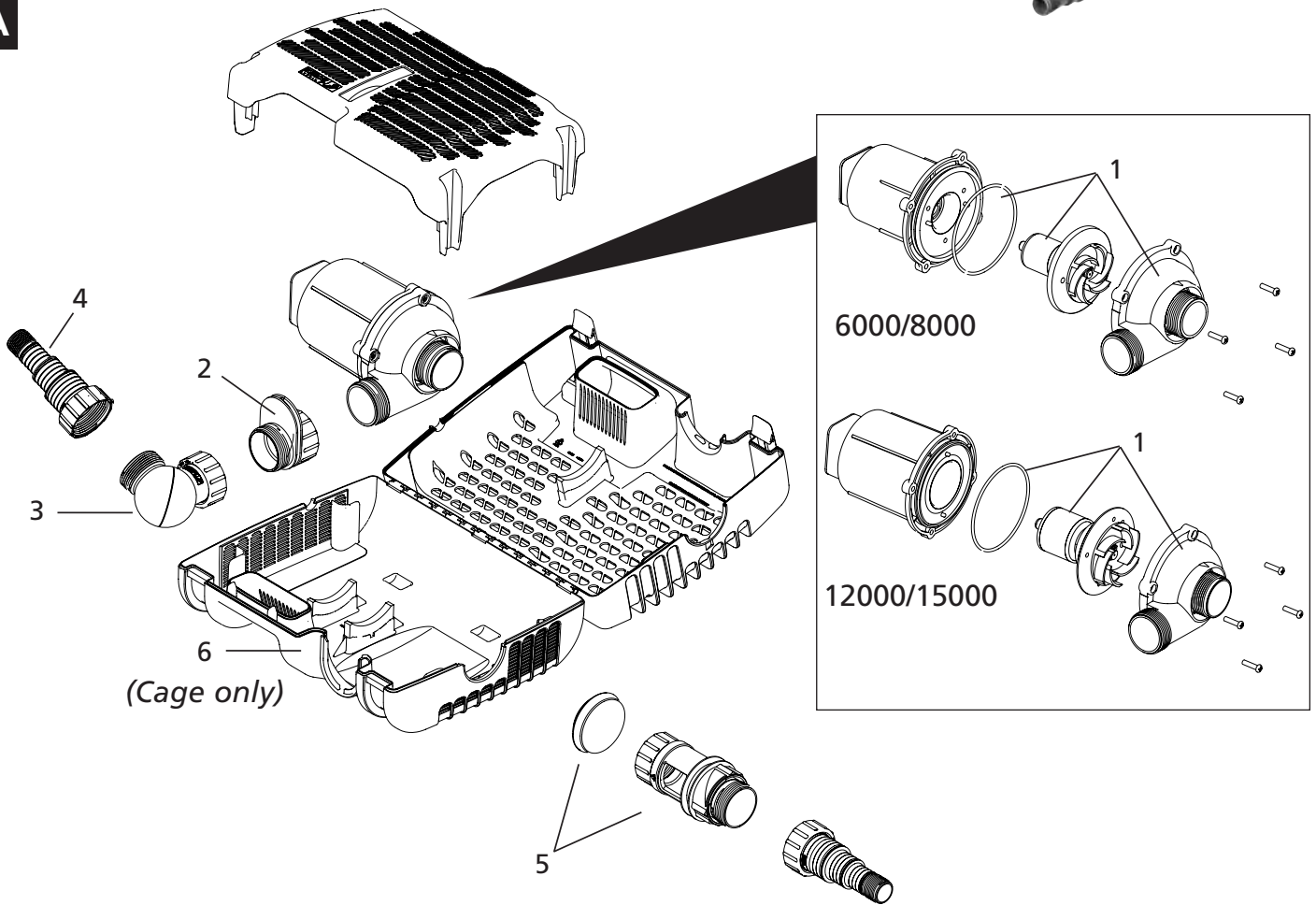
Please specify part number
when ordering

		Part No			
		6000	8000	1200	15000
1.	Pump Chamber and O-Ring Seal*	Z10008	-	Z10010	Z10010
2.	Rotor Assembly*	Z10001	Z10002	Z10003	Z10004
3.	Outlet Adaptor	Z10011	Z10011	Z10011	Z10011
4.	Ball Joint	Z10013	Z10013	Z10013	Z10013
5.	1x Stepped Hoesetail & 1x Retaining Nut	Z10012	Z10012	Z10012	Z10012
6.	Flow Control & End Cap	Z10014	Z10014	Z10014	Z10014
7.	Secondary Inlet Unit (Satellite Filter) - <i>not shown</i>	1683	1683	1683	1683

**Obsolete with stock*

1583A
1584A
1585A
1586A

Aquaforce 6000, 8000, 12000 & 15000



Spares Part Numbers

Please specify part number
when ordering

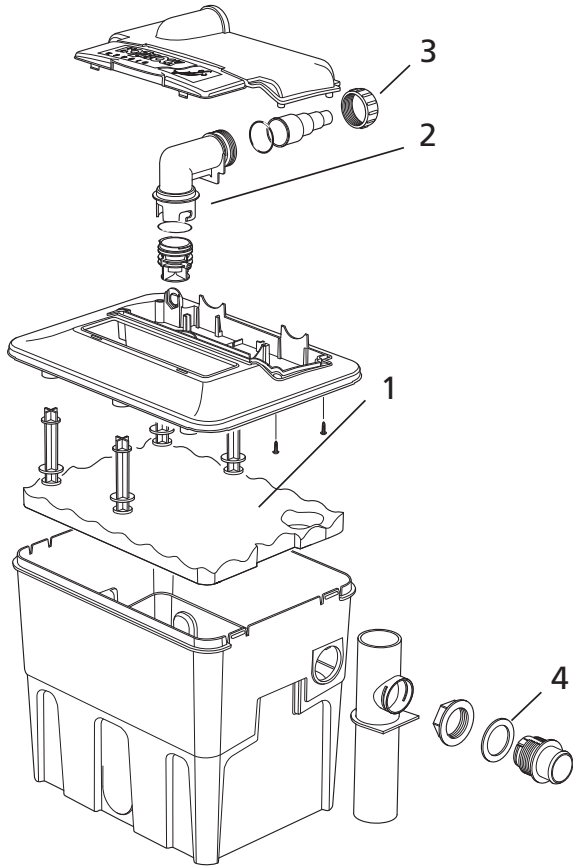
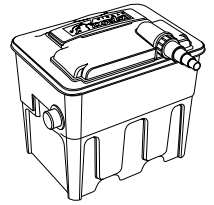
		Part No			
		6000	8000	12000	15000
1.	Spares Kit	1588 GREEN	1589 BLUE	1590 GREY	1591 RED
2.	Outlet Adaptor	Z10011	Z10011	Z10011	Z10011
3.	Ball Joint	Z10013	Z10013	Z10013	Z10013
4.	1x Stepped Hosetail & 1x Retaining Nut	Z10012	Z10012	Z10012	Z10012
5.	Flow Control & End Cap	Z10014	Z10014	Z10014	Z10014
6.	Secondary Inlet Unit (Satellite Filter)	1683	1683	1683	1683

3921

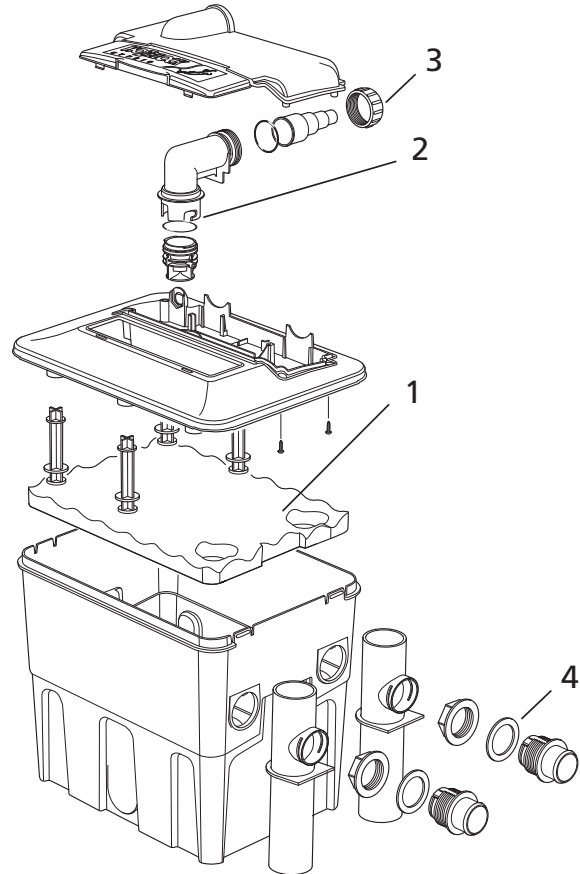
3922

3923

Ecocel 2500/5000, 5000/10000, 10000/20000



**Ecocel 2500/5000,
5000/10000**



Ecocel 10000/20000

Spares

Please specify part number
when ordering

		Part No		
		5000	10000	20000
1.	Foams	1363	1363 x2	1371 x2
2.	O-Ring Kit	Z11660	Z11660	Z11660
3.	Hosetails x2, inc. O-Rings & Screwnuts	1537	1537	1537
4.	E/P - E/C Flat washers x2	Z10050	Z10050	Z10050

1347

1348

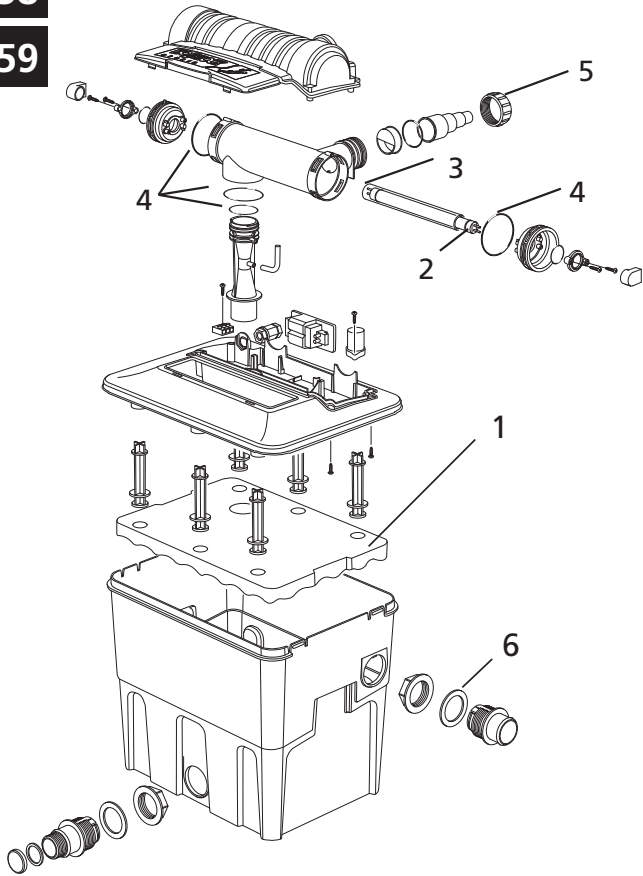
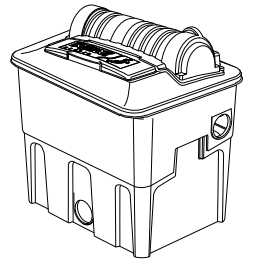
1349

1357

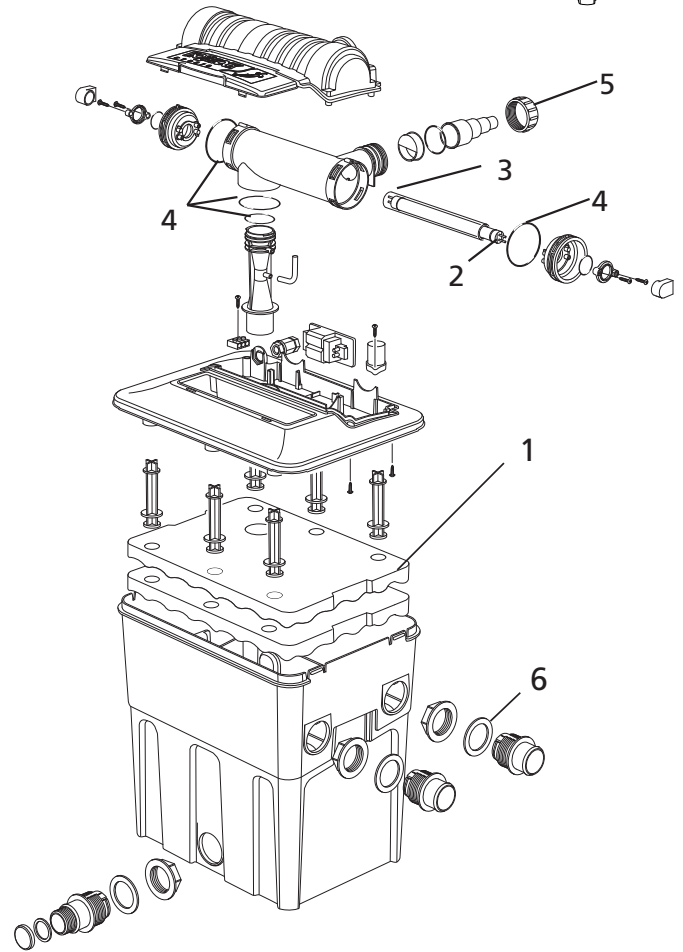
1358

1359

Ecopower+ 2500/5000, 5000/10000, 10000/20000 Ecomax 2200, 4500, 9000



**Ecopower+ 2500/5000
Ecomax 2200**



Spares Part Numbers

Please specify part number
when ordering

Part No

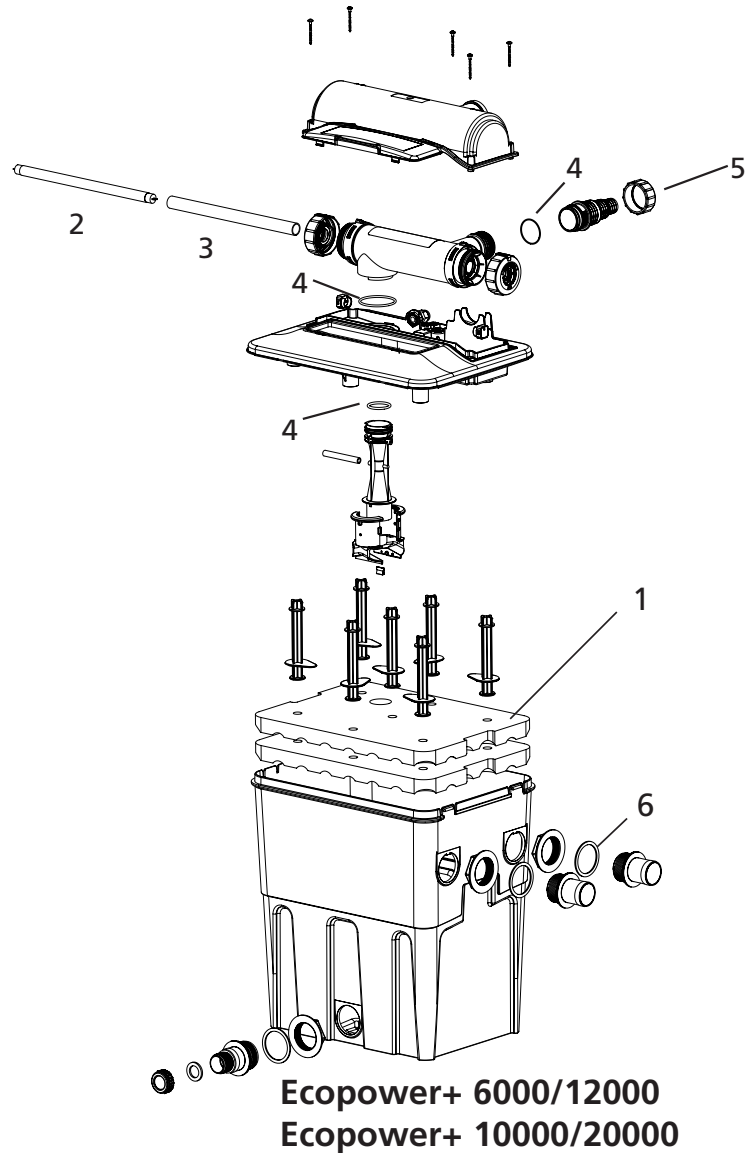
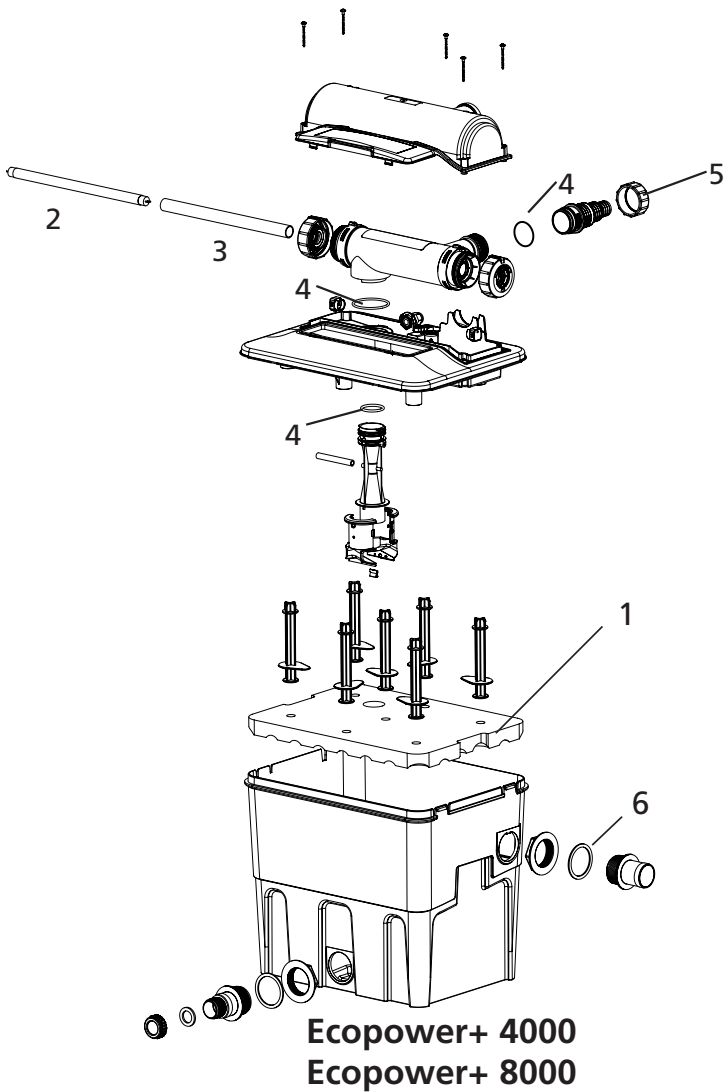
		2200	4500	9000
		2500/5000	5000/10000	10000/20000
1	Foams	1364	1364 x2	1364 x2
2	Lamps - Double Ended	Z11106 (6W)	Z11108 (8W)	Z11116 (16W)
3	Quartz Tube	Z11216	Z11226	Z11226
4	O-Ring Kit (Post 2004)	Z11660	Z11660	Z11660
5	Hosetails x3, inc. O-Rings & Screwnuts	1537	1537	1537
6	E/P - E/C Flat washers x2	Z10050	Z10050	Z10050

1862

1864

1866

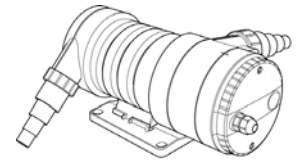
Ecopower+ 4000/6000/10000 (Ecopower+ 8000/12000/20000)



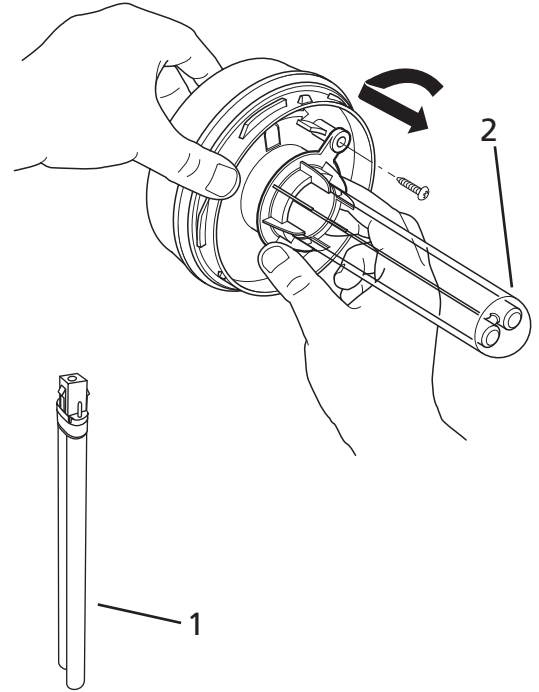
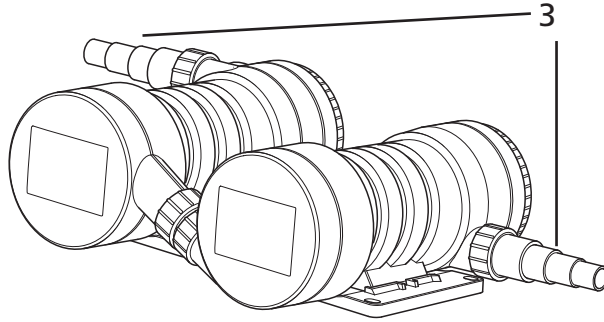
Spares Part Numbers		Please specify part number when ordering		
		Part No		
		4000/8000	6000/12000	10000/20000
1	Foams	1364	1364 x2	1364 x2
2	Lamps - Double Ended	Z11108 (8W)	1780 (12W)	Z11116 (16W)
3	Quartz Tube	1781	1781	1781
4	O-Ring Kit	Z11660	Z11660	Z11660
5	Hosetails x3, inc. O-Rings & Screwnuts	1537	1537	1537
6	E/P - E/C Flat washers x2	Z10050	Z10050	Z10050

1550
1551
1552

Vorton 2200, 4500, 9000, 14000, 18000 & 27000



1553
1554
1555



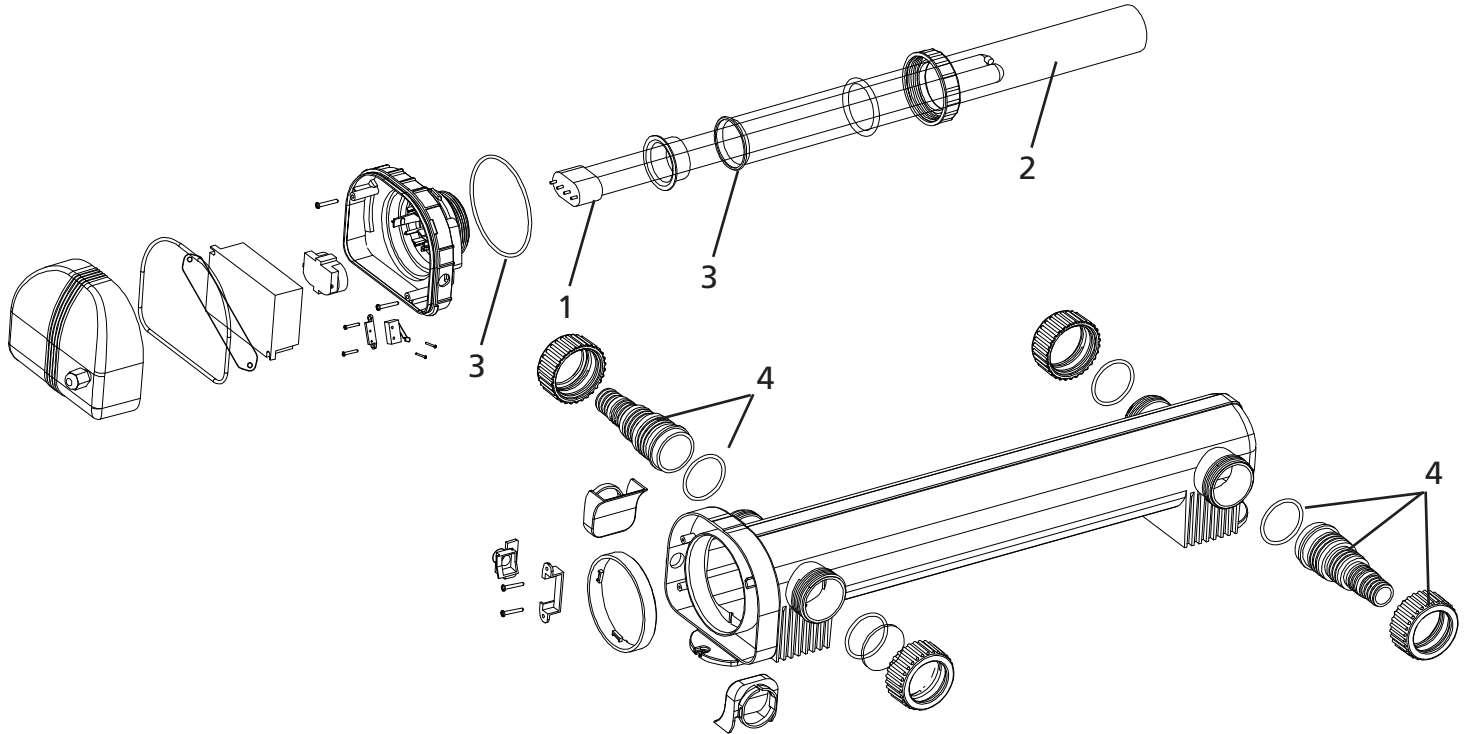
Please specify part number
when ordering

Spares Part Numbers		Please specify part number when ordering					
		Part No					
		2200	4500	9000	14000	18000	27000
1	Lamp*	1519(5W)	1520(9W)	1521(11W)	1521(11W)	1520(9W)x2	1521(11W) x2
2	Quartz Tube*	1523	1523	1524	1524	1523 x2	1524 x2
3	Nut & Hosetail Set* (inc. Hosetail O-Rings)	1537	1537	1537	1537	1537	1537
4	Annual Service Kit * (inc. Quartz and Body O-Rings & Pot of Grease) (not shown)	1522	1522	1522	1522	1522 x2	1522 x2

**Obsolete with stock*

1559B
1554B
1557B
1558B

Vorton 11, 18, 36, & 55

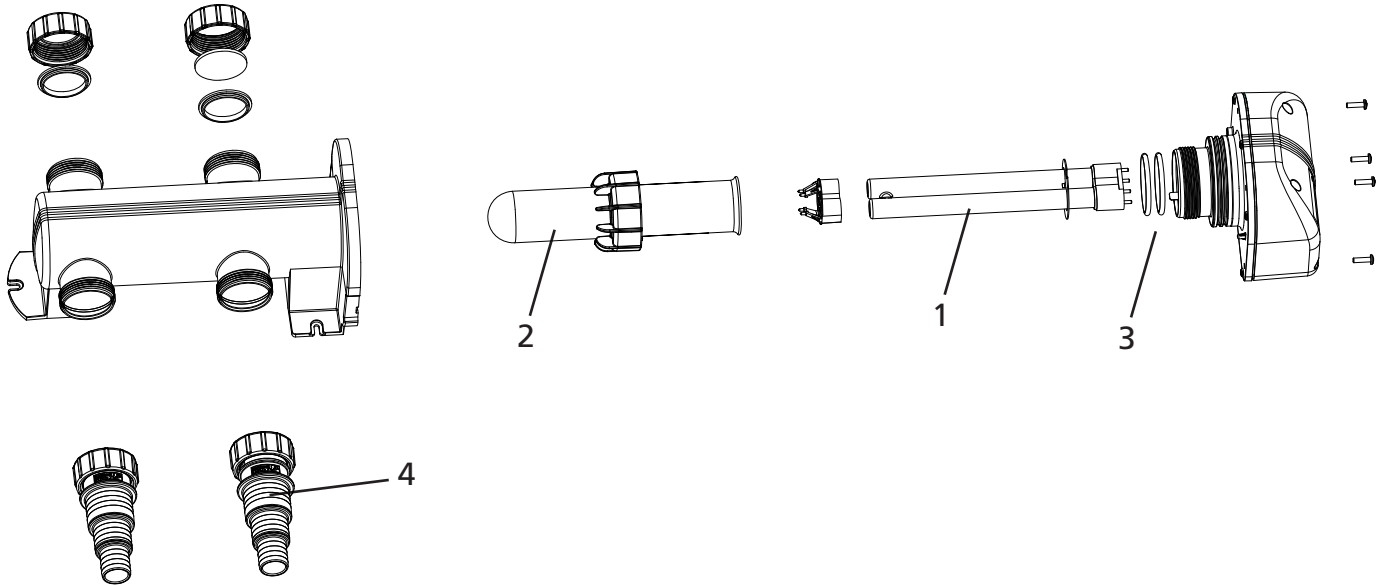


Spares Part Numbers		Please specify part number when ordering			
		Part No			
		1559 (11W)	1554 (18W)	1557 (36W)	1558 (55W)
1	Lamp PLL*	1521X0000	1542 0000	1543 0000	1544 0000
2	Quartz Tube* with attachments	1538 0000	1545 0000	1546 0000	1547 0000
3	Annual Service Kit* (inc. Quartz and Body O-Rings & Grease)	1548 0000	1548 0000	1548 0000	1548 0000
4	Stepped Hose Tail* (20mm, 25mm, 32mm, & 40mm)	Z10012	Z10012	Z10012	Z10012

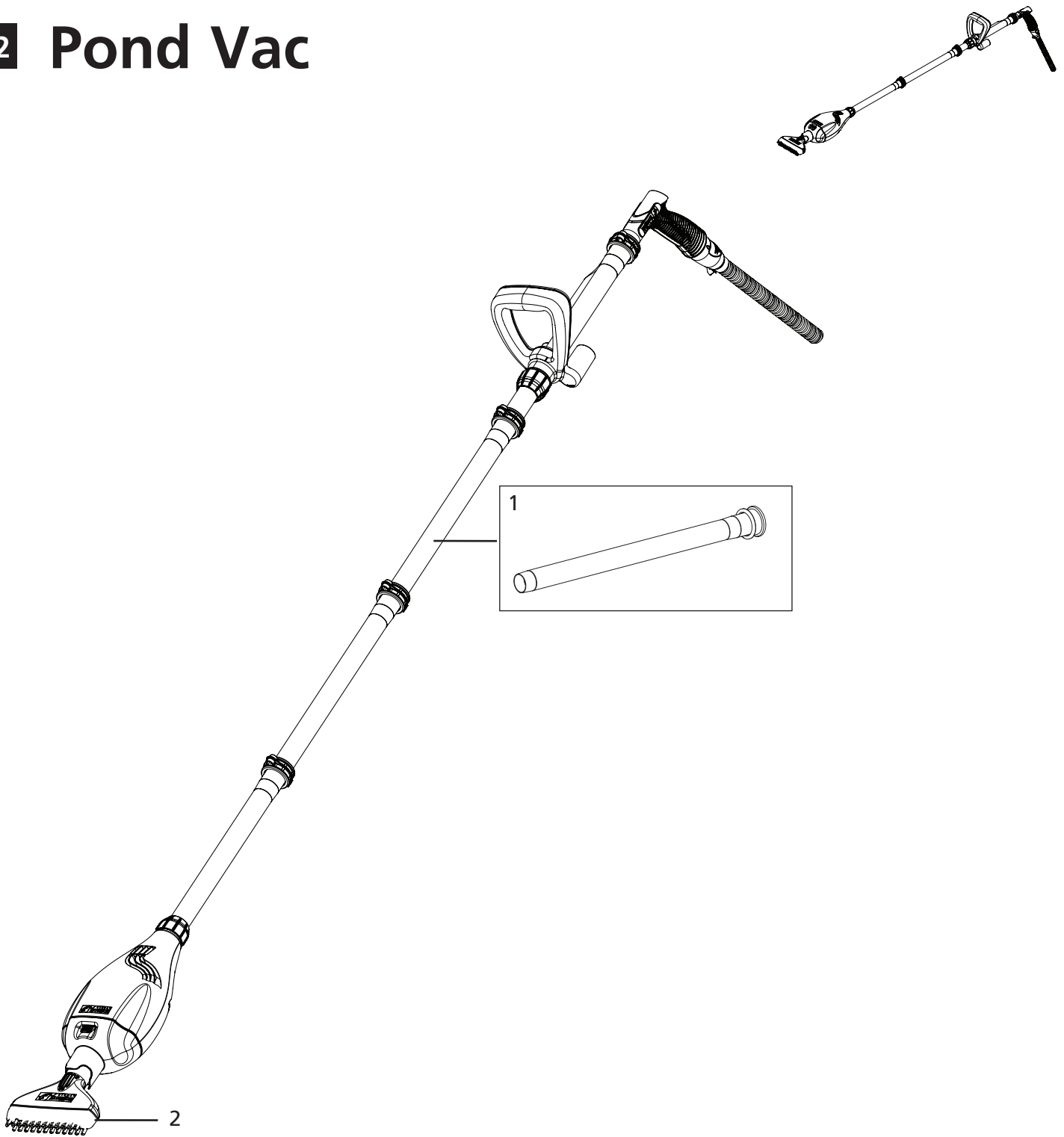
**Obsolete with stock*

1559C
1554C
1557C
1558C

Vorton 11, 18, 36, & 55



Spares Part Numbers		Please specify part number when ordering			
		Part No			
		1559 (11W)	1554 (18W)	1557 (36W)	1558 (55W)
1	Lamp PLL	1592 0000	1542A0000	1543A0000	1544A0000
2	Quartz Tube with attachments	1575 0000	1576 0000	1577 0000	1578 0000
3	Annual Service Kit (inc. Quartz and Body O-Rings & Grease)	1579 0000	1579 0000	1579 0000	1579 0000
4	Stepped Hose Tail (25mm, 32mm, & 40mm)	Z12325	Z12325	Z12325	Z12325

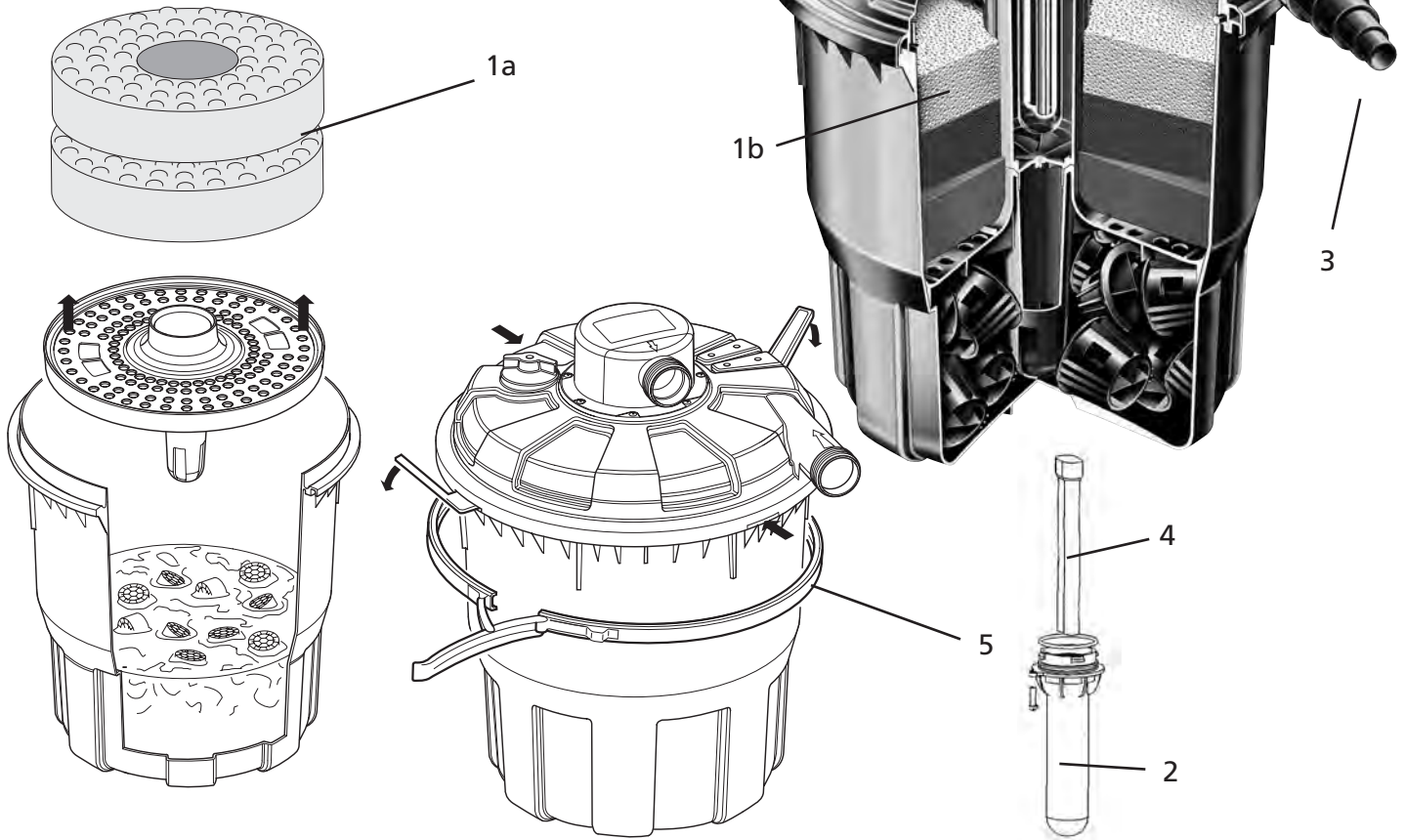


Spares Part Numbers		Please specify part number when ordering
		Part No
1	Metal Tube x3	Z21724
2	Suction Heads x3	Z12725
3	Rotor	Z12725

1314

1386

Bioforce 9000, Bioforce 12000



Spares Part Numbers

Please specify part number
when ordering

		Part No
1a	Large Bioforce Foam (Bioforce 12000) Coarse (each)	1398 (each)*
1b	Bioforce Foam Set (Bioforce 9000) (contains 3 sponges)	1323*
2	Quartz Tube Assembly	1524
3	3x Stepped Hosetails and 3 retaining nuts	Z12325
4	UV Bulb (11W - Bioforce 9000)	1521
	UV Bulb (13W - Bioforce 12000) (For items with serial number 16 09 30 or lower)	1525
	UV Bulb (13W - Bioforce 12000) (For items with serial number 16 10 01 or higher)	1541
5	Band Clamp	Z12365

*Obsolete with stock

1383

Bioforce 3000, 5500, 8000

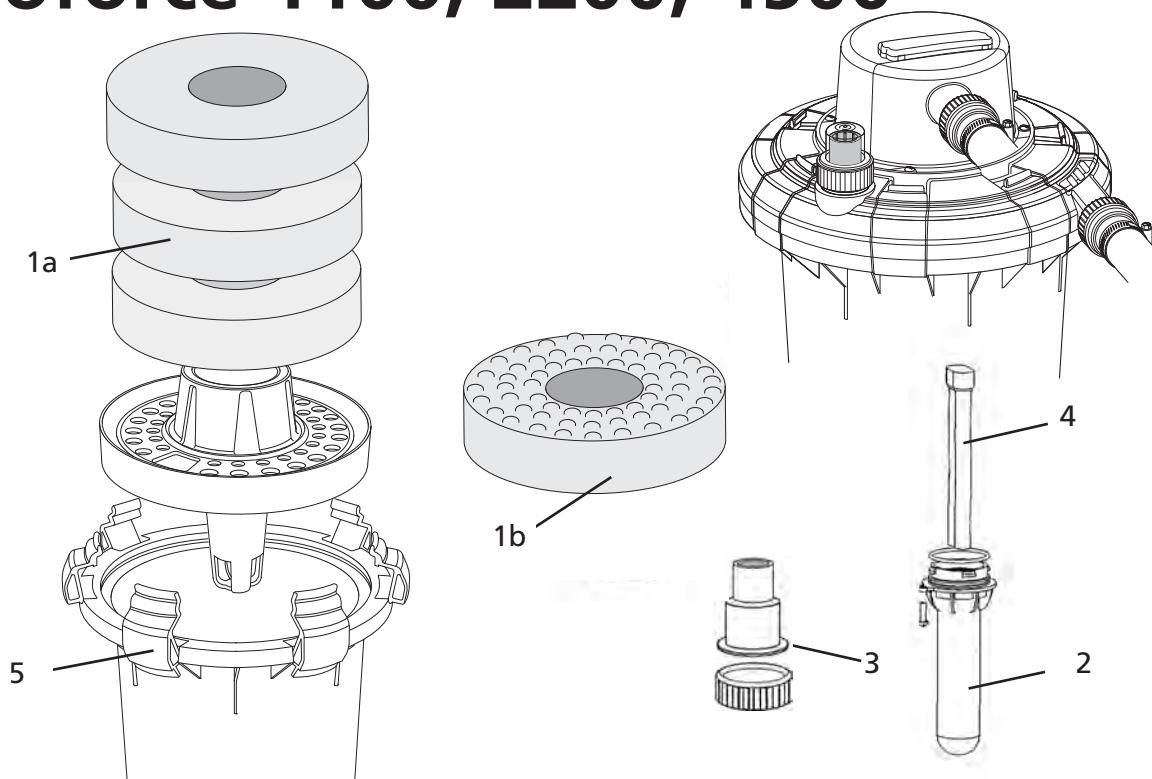
1384

Bioforce 6000, 11000, 16000

1385

Bioforce 1100, 2200, 4500

1311

**Spares Part Numbers**Please specify part number
when ordering**Part No**

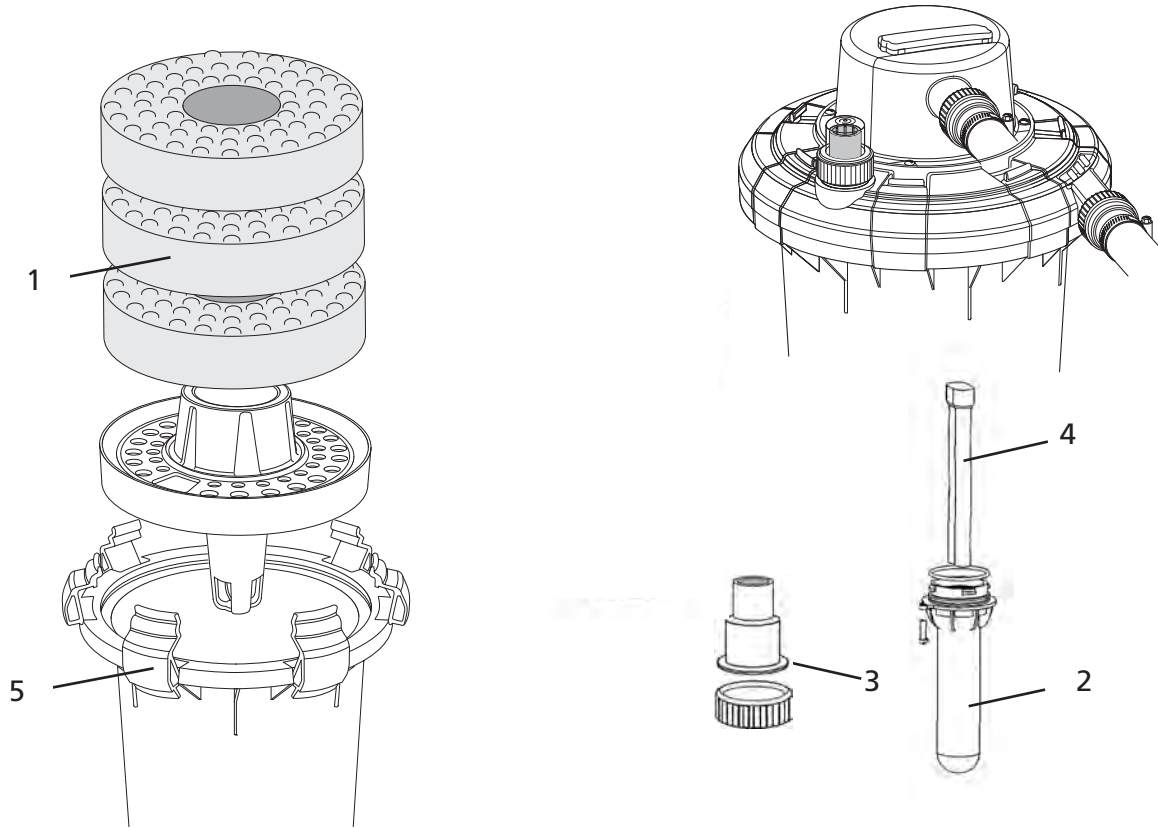
		3000	5500	8000
		6000	11000	16000
		1100	2200	4500
1a	Old Foam Set (1100, 2200, 4500)*	1324 x1	1305 x1	1306 x1
1b	New Small Foam - Coarse (Single Piece) - dark blue	1397 x1	1397 x2	1397 x3
2	Quartz Tube Assembly	1523 x1	1523 x1	1524 x1 (1523 for 4500)
3	Bioforce Nut and Hosetail Set x3	Z12225	Z12225	Z12225
4	UV Bulb	1519 (5W)	1520 (9W) 1519 (5W)-(2200)	1521 (11W) 1520 (9W) - (4500)
5	Lid clips (Set of 7)	Z12155	Z12155	Z12155
6	O-Ring Kit (not shown)	Z12076	Z12076	Z12076

*only available from Customer Services

1350

Bioforce 3000/4500

1351

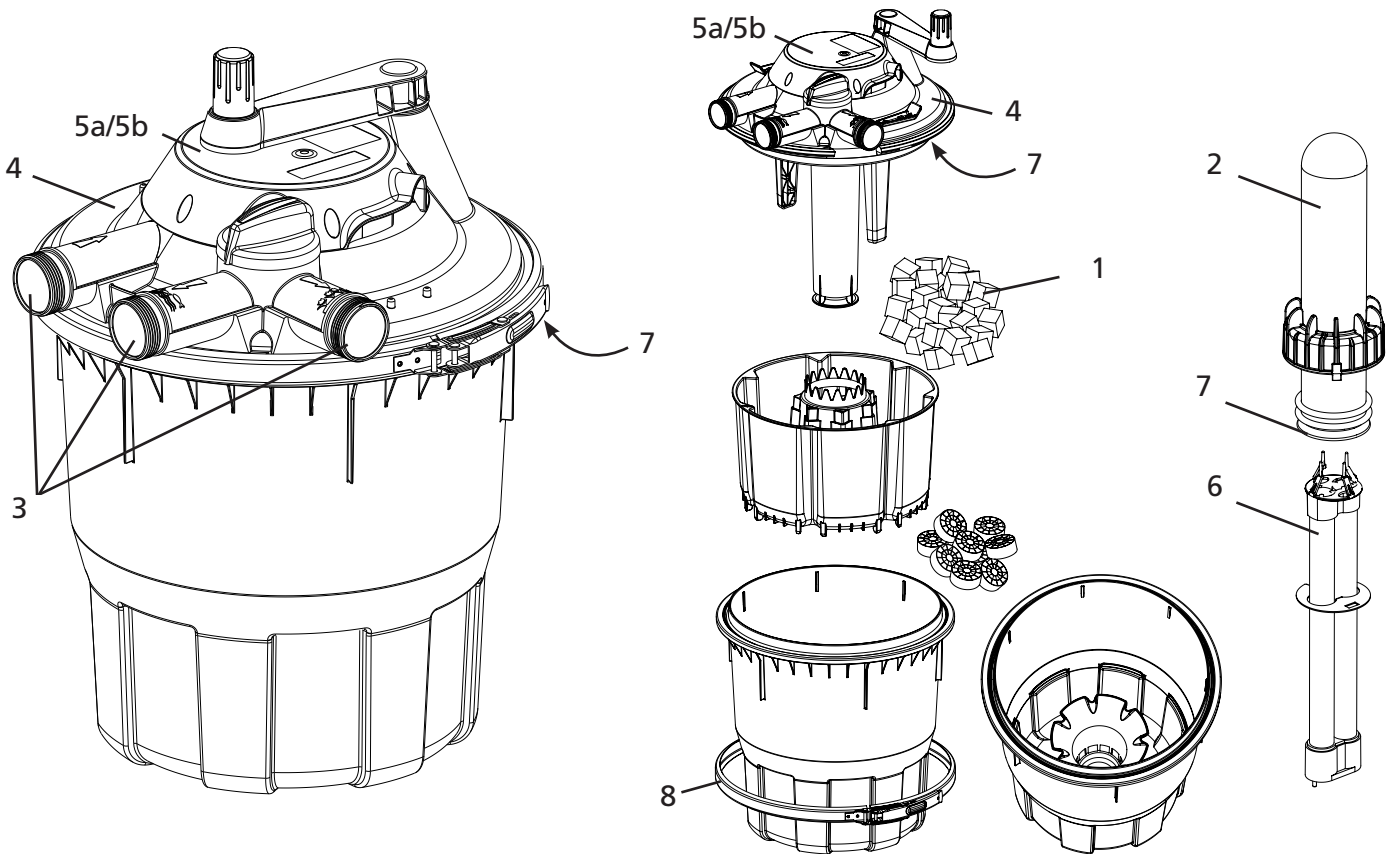
Bioforce 6000/9000**Spares Part Numbers**Please specify part number
when ordering**Part No****3000/6000****4500/9000**

- | | | 3000/6000 | 4500/9000 |
|---|-------------------------------------|------------------|------------------|
| 1 | Small Bioforce Foam - Coarse (each) | 1397 x2 | 1397 x3 |
| 2 | Quartz Tube Assembly | 1523 x1 | 1524 x1 |
| 3 | Bioforce Nut and Hosetail Set x3 | Z12225 | Z12225 |
| 4 | UV Bulb | 1520 (9W) | 1521 (11W) |
| 5 | Lid clips (Set of 7) | Z12155 | Z12155 |

1352

1353

Bioforce Revolution 6000/9000/14000 Bioforce Revolution 12000/18000/28000



Spares Part Numbers

Please specify part number
when ordering

		Part No			
		6000 12000	9000 18000	14000 28000	
1	Cypricube Foams	1504 x1	1504 x1	1504 x2	
2	Quartz Tube Assembly	1511 x1	1512 x1	1513 x1	
3	BioforceHosetail Set (x3) plus O-rings	Z12325	Z12325	Z12325	
4	Bioforce Revolution Lid Assembly	Z10030	Z10030	Z10031	
5a	Bioforce Revolution Electrical Ass (UK)	Z10032	Z10035	Z10038	
5b	Bioforce Revolution Electrical Ass (Euro)	Z10033	Z10036	Z10039	
6	UV Bulb	1542	1502	1543	
7	Bioforce O-Ring Service Kit	1510	1510	1510	
8	Band Clamp	Z12365	Z12365	Z12365	

1800

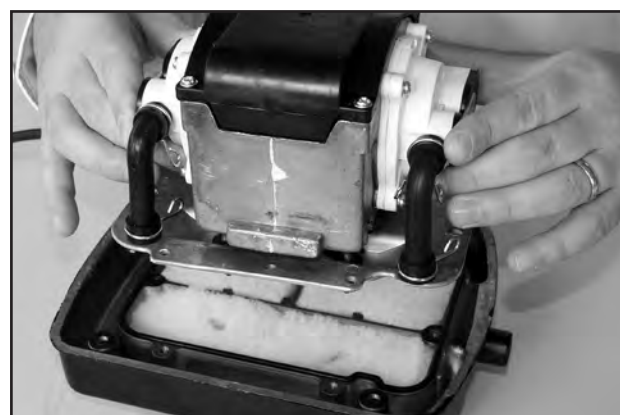
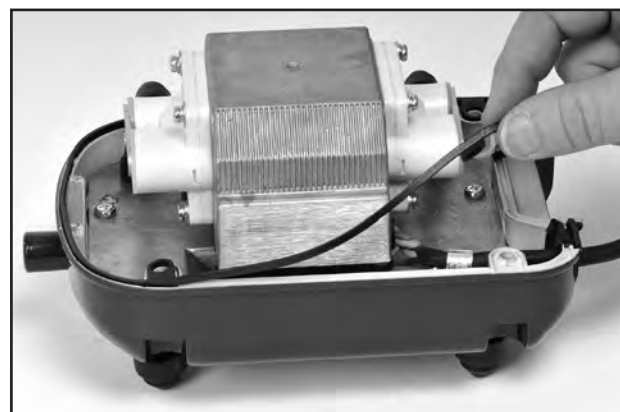
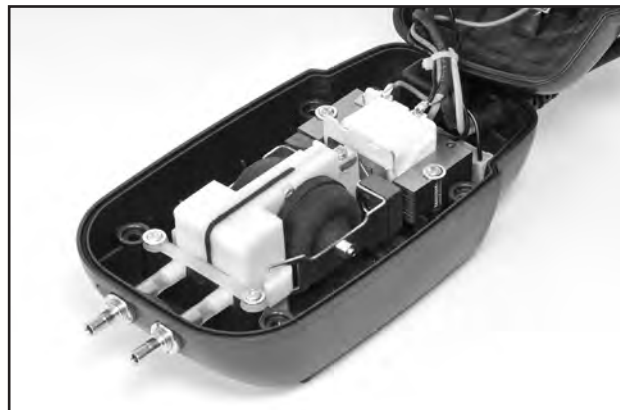
1805

1810

1820

1380

Air Pump 320, 640, 1500, 2700 & 4500



Spares Part Numbers

Please specify part number
when ordering

Part No

	320	640	1500	2700	4500
1 Annual Service Kit (Diaphragm & Rubber Seals)	1817 0000	1817 0000 x2	1819 0000	1821A0000	1821A0000
2 Air Stones (Various Sizes)	1827 0000	1827 0000	1826 0000	1825 0000	1825 0000



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ISSUE 1