



# cascade pumps

Ideal all purpose pond pump

A Cascade is the best pump for general pond keepers and newcomers to the hobby because it is designed for a range of functions



P e r f e c t P o n d s M a d e S i m p l e

## Cascade performance data

Use this guide to help your customers choose which Cascade they need. It is only a guide as, with waterfalls, the flow is affected by the height of the waterfall, diameter and length of hose.

Waterfall figures are based on 2.5metres of 1" dia. hose. (1000-4000 @ head 0.6m, 5500-7000 @ head 0.8m) The length and diameter of hose will affect performance.

## Cascade Performance Data

Model	Max Fountain Height	Bell Jet Diameter	Waterfall Width	Combined	
				Fountain	Waterfall
450	0.63 m (2' 01")	-	-	-	-
700	0.75 m (2' 05")	0.35 m (1' 02")	-	-	-
1000	1.16 m (3' 10")	0.38 m (1' 03")	0.11 m (0' 04")	-	-
1500	1.20 m (3' 11")	0.40 m (1' 04")	0.12 m (0' 05")	0.55 m (1' 10")	0.10 m (0' 04")
2000	1.30 m (4' 03")	0.60 m (2' 00")	0.13 m (0' 05")	0.60 m (2' 00")	0.10 m (0' 04")
3000	1.40 m (4' 07")	0.65 m (2' 02")	0.20 m (0' 08")	1.00 m (3' 03")	0.19 m (0' 07")
4000	1.60 m (5' 03")	0.70 m (2' 04")	0.30 m (1' 00")	1.20 m (3' 11")	0.25 m (0' 10")
5500	3.25 m (10' 08")	0.70 m (2' 04")	0.40 m (1' 04")	2.00 m (6' 07")	0.35 m (1' 02")
7000	3.50 m (11' 06")	0.70 m (2' 04")	0.55 m (1' 10")	2.20 m (7' 03")	0.45 m (1' 06")

Hozelock Cyprio Cascades are a well known world leader selling in hundreds of thousands each year.

They are available in a wide variety of sizes from the 450, for ornaments, to the 7000 which can power a fountain, waterfall, ornament and filter at the same time.

### Use a Cascade for:

**Fountains** - they all come complete with a selection of distinctive spray fountains (except Cascade 450i and 700i) and the Cascade 700 to 4000 with a bell jet.

**Waterfalls** - the Cascade 1000 will give a good small waterfall and the 7000 will give a torrent. Cascades from 1000 up come with a flow controller that enables them to be used for two purposes at the same time.

**Ornaments** - using the flow controller an ornament can be connected in addition to a fountain or waterfall.

**Filtration** - water can be pumped to a filter and back to the pond, direct or down a waterfall. Filtration will be more effective if a Titan solids handling pump is used.

### Key features of Cascade pumps

#### More Performance

Cascades with the UBI multi blade impeller and OMC motor design provide unparalleled performance with low running costs - 4000LPH with 40 Watts power consumption for the Cascade 4000.

#### More reliability

All Cascades from 1000 upwards are unique in using TRF technology to protect the motor from damage. If the pump becomes blocked, this solid state technology switches the motor off until power to the motor is disconnected and the blockage removed.



All Cascades from 2000 upwards use a ceramic shaft and bearings for extra life.

These features allow us to offer a 3 year guarantee with confidence.

### Easy to Use

Easy to clean, anti clog, foam free strainer greatly increases maintenance intervals. When cleaning is required, tool free access and quick release hose connection keeps this simple.

For improved in pond stability, the 700-4000 Cascades have an ultra low centre of gravity and wide base. The 450 outdoor pump comes with optional base plate for stability.

All Cascades, except 450i and 700i, have a complete range of accessories to allow a broad range of uses. Specifically the 1500 - 4000 Cascades now have a 'T' piece with dual flow control, telescopic extension tube, 2 fountain heads, bell jet and a quick release hose connector.

### Cascade LV

Hozelock Cyprio has the largest range of low voltage (LV) pumps. Low voltage Cascades now range from 700 to 4000 litres per hour.

These pumps offer identical performance to the mains versions, but as the power supply to the motor is only 24 volts they offer easy fit DIY installation.

The main features are:

- The mains connection to the transformer is remote from the pond.
- All LV pumps come with 3m of cable, which can be simply extended up to 50m without loss of performance. This cable need not be buried and protected, greatly simplifying installation.
- Click connection for LV supply is simple and reliable.
- Identical features and accessories to the mains Cascades.

Part Number	Description	Product Bar Code	Pack Qty
3304	Cascade 450i Indoor Pump	50 10646 01893 7	5
3303	Cascade 450 - 230v	50 10646 03129 5	5
3362	Cascade 700i Indoor Pump	50 10646 03570 5	5
3352	Cascade 700 - 230v	50 10646 03576 7	5
3353	Cascade 1000 - 230v	50 10646 03555 2	5
3354	Cascade 1500 - 230v	50 10646 03569 9	5
3324	Cascade 2000 - 230v	50 10646 03081 6	3
3334	Cascade 3000 - 230v	50 10646 03082 3	3
3344	Cascade 4000 - 230v	50 10646 03083 0	3
3350	Cascade 5500 - 230v	50 10646 01115 0	2
3360	Cascade 7000 - 230v	50 10646 01116 7	2
3052	Cascade 700LV	50 10646 03568 2	5
3053	Cascade 1000LV	50 10646 03554 5	5
3024	Cascade 2000LV	50 10646 03078 6	3
3044	Cascade 4000LV	50 10646 03080 9	3

