

# BubbleBead<sup>TM</sup> Filters

## The original and best

### Choose BubbleBead

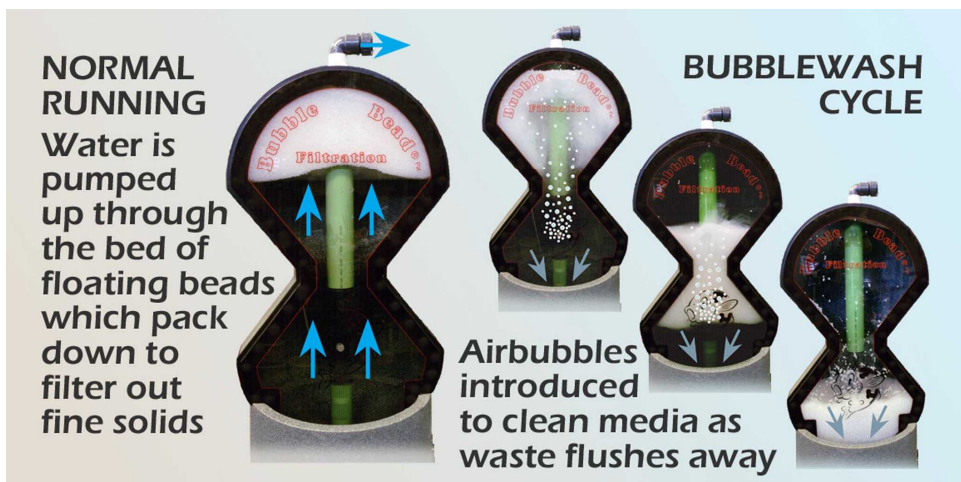
- ▶ Excellent water clarity  
particle removal to below 15 microns
- ▶ Efficient biological filtration  
a full range of models for large or small ponds and heavy feeding rates
- ▶ Easy Maintenance  
the powerful backwash flushes wastes away, yet is gentle on biological activity  
no airblower required  
patented neck design ensures thorough cleaning of beads  
no wet hands  
simple manual backwash – just turn a valve to clean
- ▶ Compact  
small footprint  
can be sited remotely  
no need for an excavation
- ▶ Use with standard pumps  
efficient lower-pressure pumps  
with strainer or prefilter



## WHICH MODEL?

Model Model number refers to cubic feet of media	Max. Feed Rate per day	Max. Rec. FlowRate gph (lpm)	Maximum Pond Volume Gallons (Litres)		Max. Koi load 1% feed rate	Suggested Pump Size Pre-straining or pre-settlement is essential when using solids handling pumps	Recommended UV for algae control at standard stock volume in full sun
			at maximum rec. flow rates 2 hour - turnover - 3 hour Standard Stock	Light Stock			
<b>BBF-1.5</b> 1.50m high 0.59m dia. 70L backwash	<b>0.75 lbs.</b> 340 gm	<b>1,250</b> 95	<b>2,500</b> 11,000	<b>3,750</b> 17,000	<b>75 lbs.</b> 34 Kg	BBF-1.5, 3, 5, 7 & 9 Units are fitted with inlet flap valves suited to sites above the adjacent pond level. They can be adapted for use below adjacent pond level by adding a ballvalve.  Use with pumps whose maximum head is between 4 and 10metres. If a pressure release valve is fitted, pumps of up to 12m head can be used.  *BBF-5, 7, 9 When operating at maximum flow rates, at least 10% of the flow should bypass the filter and be directed back to the pond for circulation and aeration	<b>30w</b> or 2 x 11w PL
<b>BBF-3</b> 1.70m high 0.79m dia. 210L backwash	<b>1.5 lbs.</b> 650 gm	<b>2,500</b> 190	<b>5,000</b> 22,500	<b>7,500</b> 34,000	<b>150 lbs.</b> 65 Kg		<b>55w</b> or 2 x 30w or 4 x 11w PL
<b>BBF-5</b> 1.95m high 0.79m dia. 280L backwash	<b>2.5 lbs.</b> 1.1 Kg	<b>3,300*</b> 250	<b>6,500</b> 30,000	<b>10,000</b> 45,000	<b>250 lbs.</b> 110 Kg		<b>2 x 55w</b> or 2 x 30w or 2 x 36w PL
<b>BBF-7</b> 2.25m high 0.79m dia. 340L backwash	<b>3.5 lbs.</b> 1.5 Kg	<b>4,000*</b> 300	<b>8,000</b> 36,000	<b>12,000</b> 55,000	<b>350 lbs.</b> 150 Kg		<b>2 x 55w</b> or 3 x 30w
<b>BBF-9</b> 2.50m high 0.79m dia. 400L backwash	<b>4.5 lbs.</b> 2.0 Kg	<b>5,000*</b> 375	<b>10,000</b> 45,000	<b>15,000</b> 70,000	<b>450 lbs.</b> 200 Kg		<b>3 x 55w</b> or 4 x 30w
<b>BBF-XS1</b> 1.08m high 0.41m dia. 45L backwash	<b>0.5 lbs.</b> 230 gm	<b>800</b> 60	<b>1,600</b> 7,250	<b>2,400</b> 11,000	<b>50 lbs.</b> 23 Kg	BBF-XS1/XS2/XS4 have <b>Single Valve manual control</b> of the backwash process and suit sites above or below the adjacent pond level.  Use with pumps whose maximum head is between 4 and 7 metres. If a pressure release valve is fitted, pumps of up to 10m head can be used.	<b>25 - 30w</b> or 2 x 11w PL
<b>BBF-XS2</b> 1.25m high 0.50m dia. 95L backwash	<b>1.0 lbs.</b> 450 gm	<b>1,500</b> 115	<b>3,000</b> 13,500	<b>4,500</b> 20,000	<b>100 lbs.</b> 45 Kg		<b>30 - 55w</b> or 3 x 11w PL
<b>BBF-XS4</b> 1.53m high 0.66m dia. 170L backwash	<b>2.0 lbs.</b> 900 gm	<b>3,250</b> 245	<b>6,500</b> 29,000	<b>9,750</b> 44,000	<b>200 lbs.</b> 90 Kg		<b>2 x 55w</b> or 2 x 30w or 2 x 36w PL

A pressure release bypass is essential if using pumps with delivery heads exceeding 10m (7m for XS). If a suitable pressure release bypass is fitted, pumps with heads of up to 12m (10m for XS) may be used. Very heavily stocked ponds require more frequent turnover than the 2 hours noted above. Multiply Imperial gallons by 1.2 for US Gallons. Dimensions and backwash volumes are approximate. Specifications may change. 09/08



**BubbleBeads are now successfully in use on thousands of systems worldwide -  
Koi Ponds / Holding Tanks / Tropical Fish Systems / Aquaculture & Marine Facilities**

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