

BIO BALLS

Bio Balls are used for biological filtration. The main advantage of bio balls over other biological media is that the surfaces are impossible to clog (when used with a pre-filter). The reason is simple: the gaps of space within a bio ball is large and anything that can clog it up would already have been filtered by the pre-filter (such as filter wool, sponge etc). This is the reason why water filtration should always pass through mechanical filtration (filter) before biological filtration.



Bio Balls



BIO FILTERS

Bio filtration is a chamber containing living bacteria to capture and biologically degrade nitrogens in ponds. Bio filtration is required to break down ammonia into nitrite and nitrite into nitrate.



51 Bio Filter
(Pond Volume: 2500l, 20-60l/min flow rate)



101 Bio Filter
(Pond Volume: 5000l, 40-80l/min)



151 Bio Filter
(Pond Volume: 7000l, 60-100l/min)



251 Bio Filter
(Pond Volume: 12 000l, 100-150l/min)