

**WATERCO**

water, the liquid of life

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# ClearPond

Enhanced Ammonia Removal & Dual Filtration



**Benefits:**

- Removal of ammonia
- Low entry cost
- Thermoplastic technology
- Easy backwash filter



## Superior Strength with Ease of Maintenance

Exotuf filters are considered one of the strongest filters within its class. Its filter vessel is precision injection moulded within minimal tolerances for enhanced structural strength.

Cleaning the filter can be done with ease of turning of the filter handle and high powered pumps.



Maximum working temperature of 50°C

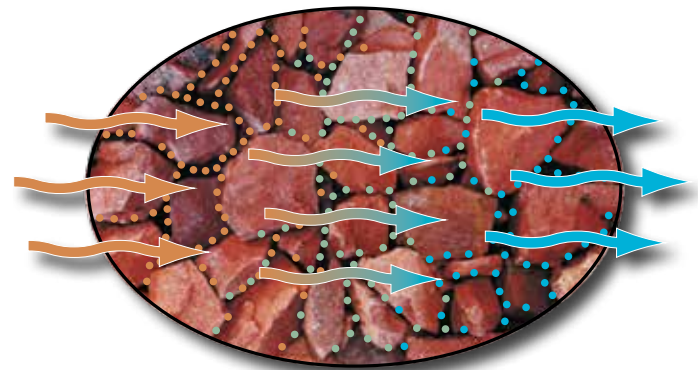
## Dual Filtration

ZeoPlus provides excellent mechanical filtration of suspended particles. In addition to trapping the larger particulates between the grains of the ZeoPlus (similar to the filtration mechanism of sand), ZeoPlus is also capable of filtering the smaller particulates by catching them within its micro porous structure and surface irregularities.

It is this dual filtration action that helps ZeoPlus achieves superior water clarity.

## Ammonia Removal

Ammonia is released whenever fish waste or fish food breaks down in the pond water. This chemical is very toxic to the fishes and it should be removed immediately or it needs to be converted to nitrates by nitrifying bacterias.



ZeoPlus is particularly suitable for koi ponds where high levels of ammonia are an ever present danger .

## Technical Specification

| Model No.    | Valve Size (mm) | Inner Dia. (mm) | Filter Area (sq.m <sup>2</sup> ) | Bed Depth (mm) | Max. Flow* (lpm) | Media Volume (litres) | ZeoPlus 0.6 - 1.2mm (kg) |
|--------------|-----------------|-----------------|----------------------------------|----------------|------------------|-----------------------|--------------------------|
| <b>CP500</b> | 40              | 500             | 0.20                             | 250            | 157              | 62                    | 75                       |
| <b>CP600</b> | 40              | 600             | 0.28                             | 250            | 226              | 89                    | 107                      |

## ZeoPlus Physical and Chemical Characteristics

| Property                                      | Specification                 |
|---|-------------------------------|
| Main ZeoPlus Minerals                         | Mordenite and Clinoptilolite  |
| Nominal Product Size                          | - 2.2 mm + 1.0 mm             |
| Hardness (Moh Scale)                          | 4.5 to 5.0                    |
| Particle Specific Gravity                     | 2.2/2.3                       |
| Bulk Density                                  | Around 1200 kg/m <sup>3</sup> |
| Average Ammonia Exchange Capacity (meq/100g)* | - 146                         |

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