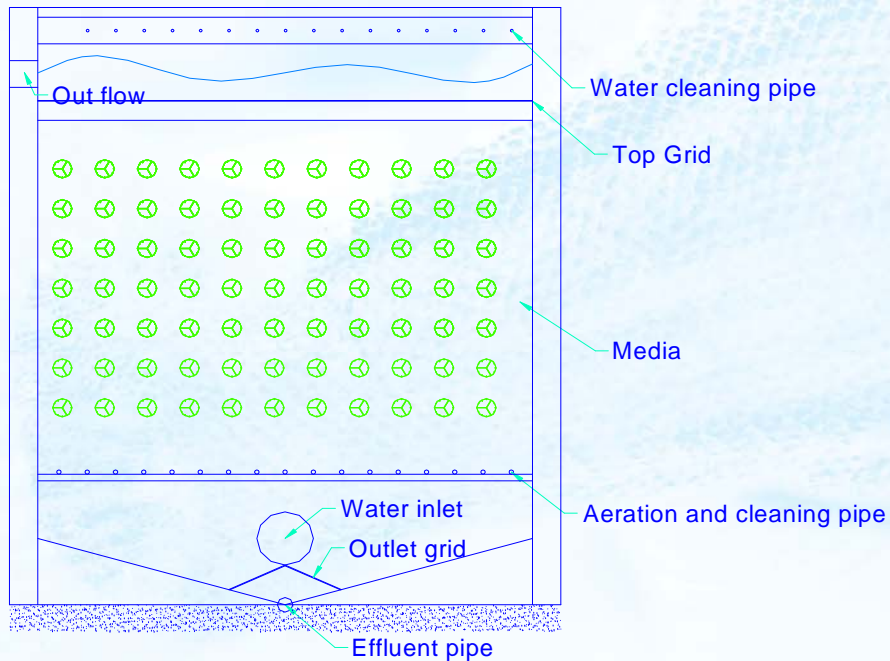


## Aquatec Bio-Filter Systems



### Facts

- Excellent removal efficiency of Nitrogen
- Next to non in continuous particle collection
- Reliable construction
- Low maintenance cost
- Installation size after need - Flexible installation

### Benefits

- Easy cleaning
- Everlasting media
- Adjustable load due to air flexibility
- Extreme low head loss due to the open structure

## Aquatec Bio-Filter Media

Media type	Diameter (mm)	Height (mm)	Surface m <sup>2</sup> /m <sup>3</sup>
AQS 10-3-9	10	5,6	850
AQS 12-3-12	12	6,8	720
AQS 14-4-12	14	8	660
AQS 16-4-16	16	9	600
AQS 18-4-16	18	11	530
AQS 20-4-16	20	13	470

### Facts

- High opening
- Long lasting
- Easy to clean
- High surface

### Benefit

- Low pressure loss
- No maintenance cost
- Easy to make clean water



Aquatec design includes only one type of bio-filters, which are submerged up-flow mixed bed filters, where the water is distributed evenly to the total area at the bottom of the bio-filter, in order to achieve low water speeds and thereby allowing for settlement at the bottom of bio-filter prior to entering the bio-filter media – this reduces the amount of solids that the bio filter has to degrade.