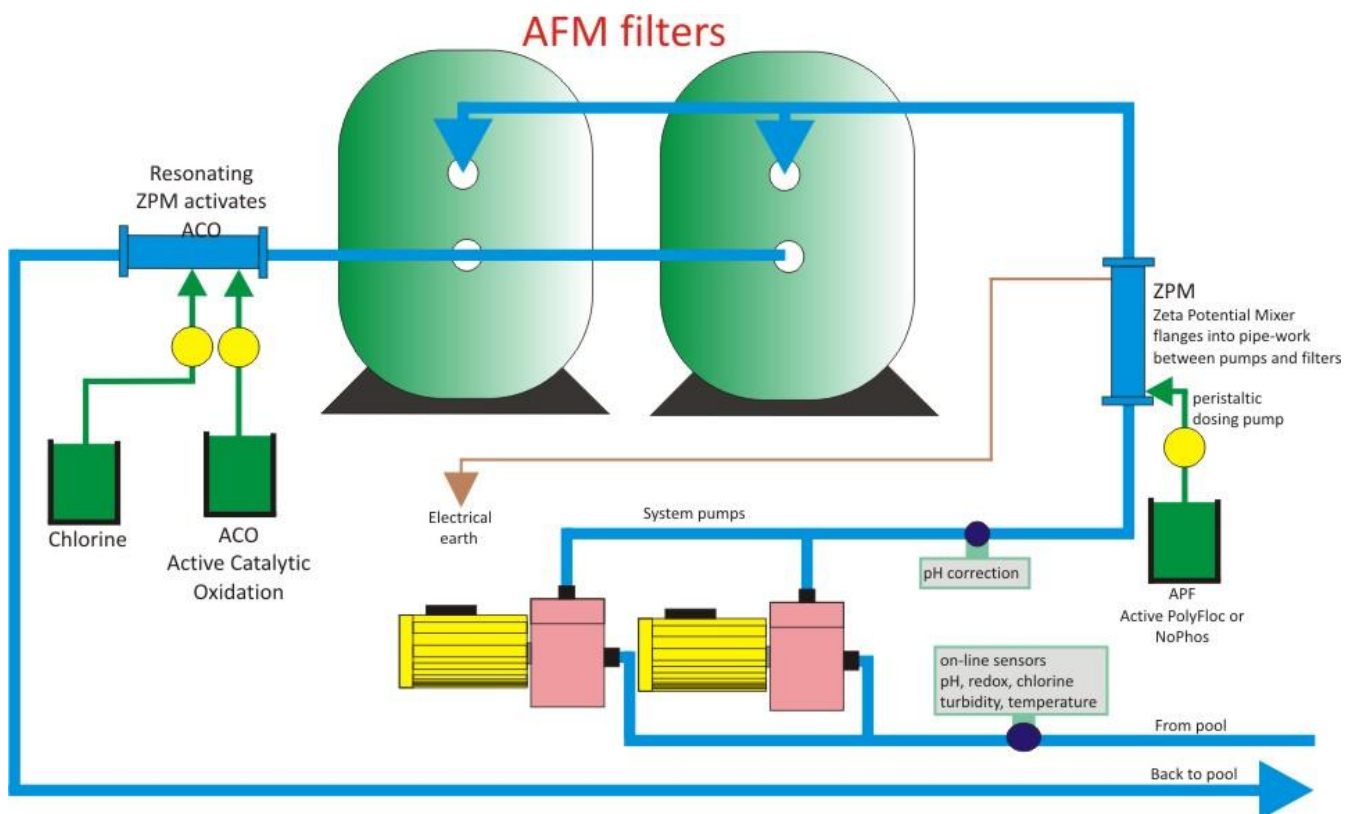


AFM[®]

Active Filter Media

- The only activated filter media
- Replaces sand in sand filters
- Reduces chlorine consumption
- Huge water & energy savings
- High protection from crypto oocysts
- Up to 80% better performance than sand
- Prevent trichloramine & THM production
- Gives a return in capital measured in months



AFM is supplied in 25 kg bags or 1 tonne big bags, 4 grade of AFM are available.
 Grade 0 = 0.25 to 0.5mm for specialist high end applications for seawater intake systems
 Grade 1 = 0.50 to 1.0mm the principle filter media grade size, for all applications
 Grade 2 = 1.0 to 2.0mm support media, below grade 1
 Grade 3 = 2mm to 6mm support media below grade 2

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How to use AFM

Simply replace the sand in your sand filters with AFM. Dryden Aqua manufacture and supply GRP pressure filters, or you may use your existing filters with AFM. When you change your filter media to AFM it is also best to change the laterals at the same time. AFM has a lower density than sand so you need 15% less AFM by weight than sand if your filter takes 200 kg of sand it will only require $200 \times 0.85 = 170$ kg of AFM.

For filters under 1m in diameter, use grade 2 media on the base of the filter and grade 1 on top of the grade 2. 20% of the media should be grade 2 and 80% grade 1, for example if the total weight of AFM in the filter is 250 kg then use 2 x 25kg bags of grade 2 on the base and 8 x 25kg bags of grade 1 on top of the grade 2. For filters larger than 1m diam we recommend three grades of AFM in the filter, 15% grade 3, followed by 15% grade 2 and 70% grade 1.

Certification of AFM

AFM is a registered product that has been through a major R&D program in co-operation with the European Commission and the UK Government and has been tested for almost 20 years. AFM is certified for use in drinking water and is in compliance with European Water Directive (98/83/EC) & (80/778/EEC). AFM is also manufactured under ISO9001-2008 quality control procedures in accordance to and certified under BSEN12902 and BSEN 12904.

If its not AFM® it's not Activated or safe

AFM® is an Activated Filter Media, manufactured and activated by Dryden Aqua under ISO procedures to have a high negative zeta potential and catalytic self sterilizing properties. AFM® is manufactured from reprocessed glass, but it is not a basic crushed glass filter media... We have a basic crushed glass filter media product available for low end applications. AFM® is a highly processed product which has been tested by independent UK Government laboratories and the water industry and has been certified safe for all water filtration applications. A basic crushed glass product does not have the surface active properties; there will be a hydraulic lenses effect, channelling and potentially serious health implications for the public, pool staff and contractors. Dryden Aqua have completed a 1.2 million Euro Research Project in co-operation with the European Commission under the Life Environment initiative to solve these problems

| If it's not AFM® it's not activated or safe to use and this is why | AFM® | crushed glass |
|---|------|---------------|
| • AFM® is manufactured by Dryden Aqua and the process is certified under ISO9000 : 2008 to insure a quality product | ✓ | ✗ |
| • hypodermic needles, biohazard and toxic chemical risk, (not a risk concern with AFM) | ✗ | ✓ |
| • Drinking water approval full certification checked by WRC-NSF | ✓ | ✗ |
| • Surface activation gives AFM® a high zeta potential and redox potential, greatly enhances performance | ✓ | ✗ |
| • AFM® rejects bacterial growth and activation process makes it self sterilising | ✓ | ✗ |
| • Activation removes micron and sub micron particles as well as organics that make up 80% of the loading swimming pool systems | ✓ | ✗ |
| • The leading manufactured filter media for the swimming pool industry in Europe | ✓ | ✗ |
| • Risk Analysis conduct by one of Europe's largest independent water consultant organisations ENTEC report concludes AFM® is safest media | ✓ | ✗ |
| • 15 years track record 100% success in pools & spas | ✓ | ✗ |
| • Backed by 1.2 million Euro research program by European Commission, independent reports on European Commission web site. | ✓ | ✗ |
| • Protected by Dryden Aqua Patent and backed by our continuing product improvement by Research & Development | ✓ | ✗ |