



Technical Bulletin No 11 HYRATE Polytower Biofilters and Rotary Distributors.



Sewaco Ltd provide the design, manufacture, supply and installation for the full range of our HYRATE rectangular and Polytower plastic media biofilters. Filter shells extend in size from 3.0 – 30 mt square and from 6 – 30 mt in diameter with structure height from 3.6 – 9.0 mts. Specially treated media support matrix modules are factory built and delivered ready for immediate installation, thus reducing site time. Filters can be fitted with sectional roof panels where an enclosed structure is required. Low level ventilation control and abstraction facilities are also provided.

Plastic modular media to suit roughing, secondary and nitrification applications are available. Access stairway structures are manufactured and installed to meet individual site requirements. Mesh infill panels being supplied to comply with site specific safety standards.

Flow rates from 3.5 – 980 lt/sec, are handled by our range of HYCOVER static and rotary distributors. Static distribution systems can be fitted with AUTOCLEANSE our automatic nozzle cleansing system is designed to maintain free flowing nozzles with minimal maintenance requirements. Our rotary distributors are available in both tubular and trough arm concept. Machines have stainless steel distribution arms and can be arranged for gravity or pumped feed. We also offer a self dosing version that incorporates an integral dosing syphon. Rotary distributors are offered for both reaction drive and variable speed controlled power driven applications.