

# RBC SERVICES UPDATE

RBC Services  
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## SOMETHING YOU SHOULD KNOW

### Special Issue

**As of September 2006, replacement shafts and media for the Bio-Surf and Aero-Surf model RBCs are no longer available.** This model incorporates the 16" square shaft; either mechanically driven, air driven or SBC models.

This is the design which was originally developed by Autotrol Corporation in 1972. In 1983, the product line was purchased by Envirex, which continued their manufacture. In 1995, Envirex became part of US Filter (US Filter/Envirex). Again, they continued manufacturing this model.

In 2005, Siemens purchased what was US Filter/Envirex. In an effort to economize, it was decided to phase out the Bio/Aero-Surf models. With hundreds of wastewater facilities operating thousands of those models, that decision was quite a surprise, confusing and very disappointing.

**RBC Bearings and other drive components will still be available from RBC Services.** But, at this point, depending on the degree of a problem which might require a replacement shaft or media, the complete unit will need to be replaced with an alternate design. (Please call with any questions.)

You should also know that a complete replacement will not cause any need for alteration of the tank and/or baffling system currently in place. There is however, the probability of making preparations to incorporate a different drive system, particularly if your RBCs are air driven.

In the case of air drive RBCs, preparations would include the need to run electricity to the RBCs for the purpose of providing power to the 5 hp. motor used with the mechanical drive system.

There remain three manufacturers of RBCs in the market with varying characteristics and degrees of quality. RBC Services is very familiar with each of them, their beginnings and their histories of performance.

I believe that RBC technology remains as one of the best when it comes to process and ease of operation. As opposed to a suspended solids process – such as activated sludge, RBCs are rarely affected by increased flows such as heavy rain occasions/flooding or biological slug loads.

If the situation arises at your facility for the need of a replacement RBC, please give me a call. We can discuss equipment options and your particular case regarding logistics and procedures. The exchange can be done regardless of whether your units are outside under enclosures or inside a building.

RBC Services has always made the effort to keep operators informed of situations when it comes to RBC operations, available services, maintenance procedures and available replacement equipment. It's been our job for nearly 30 years and one that we enjoy. I hope you have all benefited from the information we have distributed over the years.

Remember, if you ever have any questions regarding your RBC operations, please do not hesitate to give me a call.