

# Packaged Sewage Treatment Plants

## Rotating Biological Contactors



*RBC System*

RBCs are fixed film biological treatment systems for secondary and/or advanced wastewater treatment. Designed to meet stringent effluent requirements, an RBC consists of vertically arranged plastic media disc segments on a horizontal rotating central shaft. RBCs can accommodate flows ranging from 5,000 GPD for small plants to over 30 MGD for large municipal plants.

RBC systems are used for organic carbon removal (BOD), nitrification, or a combination of the two in these applications:

- Municipal Wastewater
- Septage Treatment
- Food and Beverage Wastewater: meat packing, bakery, dairy, etc.
- Landfill Leachate
- Pharmaceutical Wastewater
- Other Industrial Wastewater

The RBC system is also compatible with applications requiring phosphorous removal. The rotation of the RBC unit provides excellent flocculation for phosphorous precipitation.

For more information please click '[Request Information](#)' or phone (604) 986-9168