

MIRANDA Technology Advantages

MIRACELL® / DROPBOX® Biodisk System



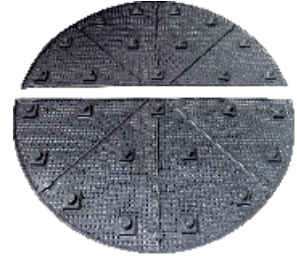
MIRANDA RBC FEATURE

MIRANDA RBC ADVANTAGES

Bio-disc Type

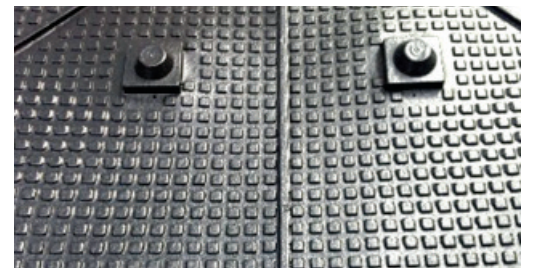
Due to its patented design, Miranda bio-discs cover much more space compared to its competitors.

Miranda RBC's have an increased bacteria loading surface, consequently, performance is increased due to higher surface area and better bacteria cohesion.



Due to its divided and corrugated disc design system, Miranda provides maintenance simplicity

Miranda patented discs are assembled separately in order to facilitate maintenance.



Aesthetic Design

Appealing aesthetic design due to fully composite exterior and drum.

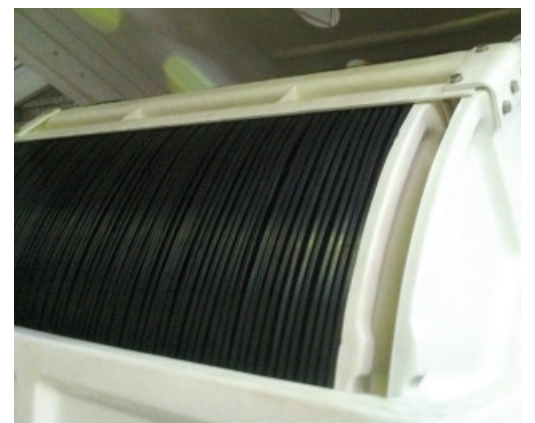
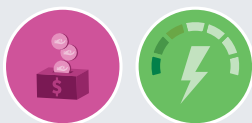
Due to its interior and exterior being made out of composites, Miranda systems offer an appealing aesthetic design.



Energy Requirement

Due to its composite design, the drum requires much less energy and offers very low energy consumption.

Miranda systems operate with glass reinforced polyester thus, they are much more lighter compared to other RBC systems. In addition, due to the lightness of the GRP drums, the systems operate on very low energy.



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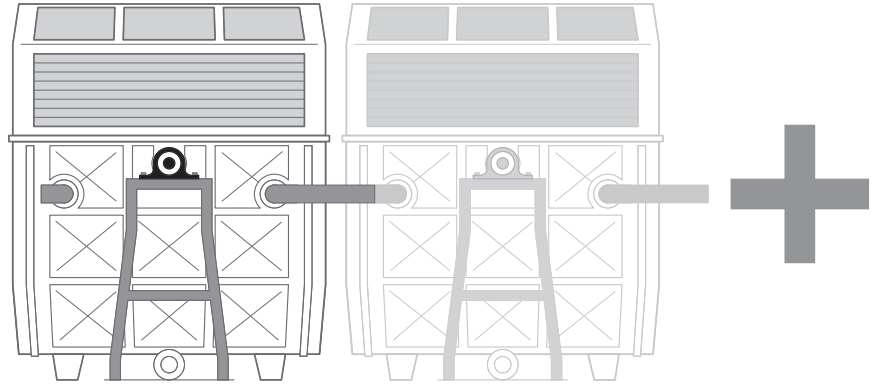
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Modularity

Much more modular design compared to competitors.



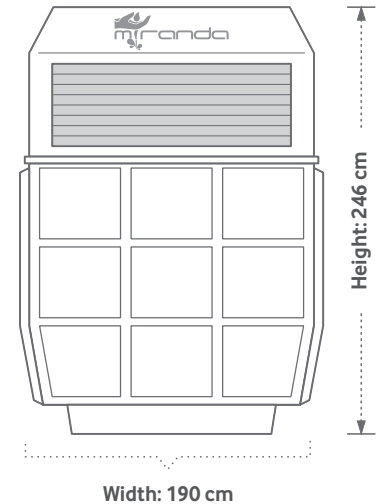
Miranda systems are modular, thus, the system is adjustable by increasing or decreasing the number of operating modules, based on the incoming water flow. (for ex : a 1000 people plant can operate for 250, 500 or 750 people if the water flow is lower than expected)



Footprint of the WWTP

Minimal footprint requirement compared to competitors.

Miranda systems require much less footprint, thus systems are easily transportable.



Positioning of Reducer and Motor

Maintenance efficiency due to reducer and gearbox placed outside the module.



As the reducer and gearbox are placed outside the module, maintenance is much more easy.

