

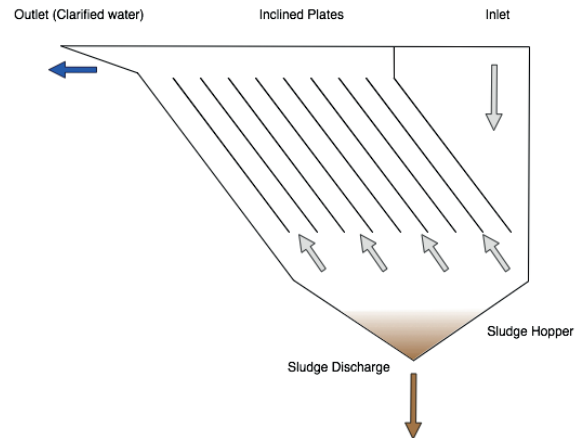
LAMELLA CLARIFIER

Compact Biological Wastewater Treatment Systems Rotating Biological Contactor (RBC) Technology



TECHNOLOGY of LAMELLA CLARIFIER

- Lamella separators are clarification devices designed to compress the capacity of a large conventional clarifier into a compact, economical footprint. Surface area for settling is provided by arrays of Plastic plates, installed at an angle of 55°. Accumulating solids settle, agglomerate and flow down the sloped plate surfaces, while clear water is conducted upward.
- The sludge collected at the bottom of the lamella separator is drawn off via excess sludge pump periodically every 1 hour for 1-2 minutes. The sludge is pumped to sludge thickening tank.



MATERIALS

- Fiber Glass Body
- PVC Lamella Plates
- Epoxy Painted, Galvanized or Stainless Steel Chassis

Model	LS8	LS 15	LS 30	LS 45
Volume	1,00 m ³	1,50 m ³	3,00 m ³	4,50 m ³
Lamella Plate Area	8 m ²	15 m ²	30 m ²	45 m ²

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