

# PlanetDISK®



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

## Product Information Lamella Clarifier

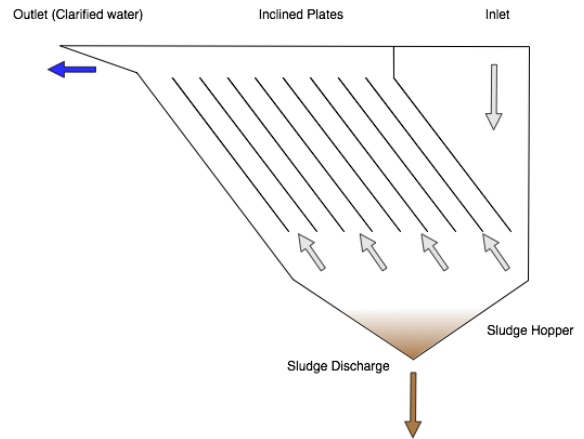


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### TECHNOLOGY of LAMELLA CLARIFIER

- 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	LS 8	LS 15	LS 25	LS 30	LS 45
<b>Volume</b>	1,00 m <sup>3</sup>	1,50 m <sup>3</sup>	2,50 m <sup>3</sup>	3,00 m <sup>3</sup>	4,50 m <sup>3</sup>
<b>Lamella Plate Area</b>	8 m <sup>2</sup>	15 m <sup>2</sup>	25 m <sup>2</sup>	30 m <sup>2</sup>	45 m <sup>2</sup>
<b>Dimensions [L x W x H mm]</b>	1.500 x 1.000 x 1.450 mm	1.560 x 1.420 x 1.510 mm	2.220 x 1.990 x 1.500 mm	2.650 x 1.990 x 1.500 mm	2.200 x 2.450 x 1.800 mm
<b>Empty Weight</b>	150 kg	200 kg	250 kg	300 kg	500 kg
<b>Full Operational Weight</b>	1150 kg	1700 kg	2750 kg	4000 kg	5000 kg



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