The Graver Lamella Clarifier minimizes maintenance and operating costs with a compact design requiring significantly less space than standard clarifiers. The small footprint allows the Lamella to be installed in- or outdoors and can easily be relocated after installation. The Lamella is ideal in new plants or for upgrading existing installations where space is limited. The system configuration ensures laminar flow conditions, which result in hydraulic uniformity and high effluent quality. Point-source treatment with the Lamella is appropriate for many applications.

**Standard Design Features**

- Structural steel support legs
- Epoxy painted carbon steel tank
- Individually removable FRP plates
- Adjustable effluent weir plates
- Standard units can be manufactured for flows from 5 gpm to 3000 gpm and above in a single above-grade tank
- One-piece prefabricated units are available with up to 1,000 sf of effective settling area
- Single tank construction with integral flash mix/floc compartments for smaller units
- Multiple sample connections

**Optional Design Features**

- Flash mix/flocculation tanks with mixers
- Full FRP or stainless steel construction
- Concrete tank designs for large flows
- Special coatings and plate materials
- Integral mechanical sludge thickener
- Access platform and ladder
- In-house laboratory analysis for equipment optimization
- Gasketed and removable covers
- Automatic desludging
- Instrumentation and controls
- Chemical feed equipment
- Sludge handling and dewatering

**Typical Applications**

- Well Water Treatment
- Filter Backwash Recovery/Reuse
- FGD Purge Streams
- Cooling Tower Blowdown
# Lamella Clarifier

## Elevation View

![Elevation View](image)

## Plan View

![Plan View](image)

### Specifications for Standard Models

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Note: Clarifiers and Flash Mix / Flocculation Tanks can be mixed on non-integral sized units.

## Contact Us

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**A Marmo Water/Berkshire Hathaway Company**

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