

MONROE Circular Clarifier

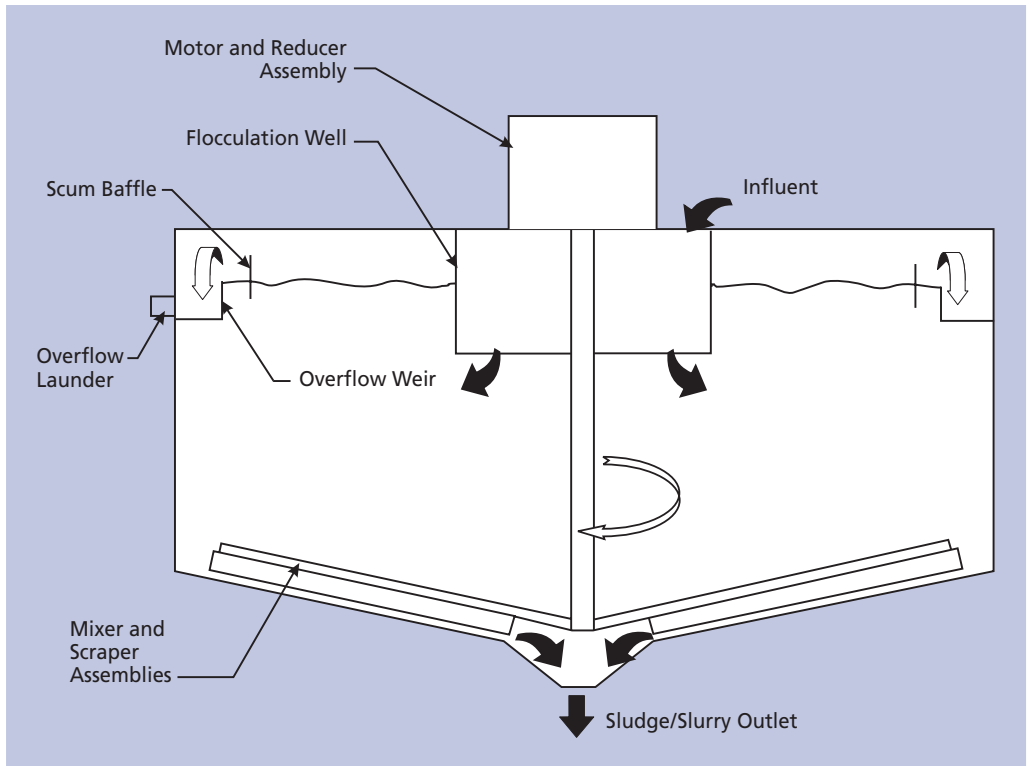


System Design

Monroe Circular Clarifiers use widely accepted settling technology based on the density difference between water and suspended solids. The Monroe Clarifier is designed to give you the performance you require with long-term reliability.

Monroe Environmental realizes that all waste streams are not alike and in many cases standard designs must be modified. Tank sizing, influent and effluent arrangements, flocculation requirements, sludge removal and skimming methods and mechanisms are some of the considerations necessary for a successful installation.

The Monroe Clarifiers are available in self-supporting prefabricated steel units or they can be designed to drop into a concrete tank. Existing structures and systems can sometimes be utilized and upgraded for cost savings.



Circular Clarifiers normally use either a center-feed well or a peripheral inlet. The center-feed well design can be equipped with a chemical addition system with mixing and flocculation. With the center feed well, the effluent is discharged along the outer wall of the clarifier tank. Clarifiers with peripheral inlets will be designed with a center bottom liquid outlet.

Custom Designed for Industrial Applications

- Tank diameter from 10 to 100 feet
- Chemical feed systems available
- Flocculation when required
- Sludge scraper mechanisms
- Skimmer mechanisms
- Corrosion resistant materials and coatings
- Custom built replacement parts

Monroe Environmental designs and builds other liquid cleaning and recycling equipment including:

- Compact Clarifiers (horizontal flow)
- Oil Skimmers
- API Separators
- Vertical Clarifiers
- Complete Engineered Systems



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