

JDV WALKING BEAM FLOCCULATOR

Water Treatment Products

Product Overview

As the original inventors of and with over 50 years of experience with successful installations, the **JDV-Carter Walking Beam Flocculators** are a proven design to help protect public health and provide safe drinking water. Removal of small particles such as clay, organic material, metals and microorganisms from drinking water is essential to the final end product. Filtration alone cannot remove all small particles and can leave the water with a cloudy appearance and can be unsafe for consumption and use.

With a reciprocating paddle design, the **JDV-Carter Walking Beam Flocculators** improve the sedimentation or filterability of the small particles in the drinking water treatment process. The small particles attach themselves to an added coagulant (typically a polymer) as the paddles of the walking beam slowly move the particles in the water to be treated. The resultant product is a clump of material that is now able to settle in the water and is removed after settling to the bottom of a sedimentation basin.

JDV-Carter Walking Beam Flocculators are simple but advanced units with no submerged moving parts or maintenance. The equipment is adaptable to floc basins of any size or configuration and its performance is unaffected by the shape or depth of the flocculation basin.



Features	Benefits
Stainless Steel, Fiberglass Reinforced Plastic (FRP) or Redwood Paddles	Design Flexibility
Adaptable to Any Size or Shape Basins	
No Submerged Moving Parts	Reduced Maintenance Costs, Lower Total Cost of Ownership
Split Case Pillow Block Spherical Bearings	
Uniform Flocculation with No 'Dead Spots'	Improved Operational Efficiencies, Lower Total Cost of Ownership
Reciprocating Paddle Design Prevents Laminar Flow and Short Circuitry	



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Options & Accessories

- SS, FRP or Redwood Paddles
- Single or Multiple Drives Per Basin
- Safety Cages
- Control Panel for integration into central control system (SCADA)

Pricing

Pricing varies depending on capacity and location. Quotations are provided within 48 hours of request when accompanied by minimum required specification data.

Minimum specification data required in order to provide a quote:

1. Existing or New Tank Installation
2. Capacity (MGD)
3. Location (Indoor/Outdoor)

Contact JDV

Ensure Success For Your Next Project!

1-973-366-6556 or www.JDVEquipment.com

