

SkimBoss® Floating Skimmer (NSBB™ Option)

Benefits:

- Hydro-Variant Technology® automatically adjusts for variations in flow rates and hydraulic grade line.
- Front side buoyancy for fast response to changing water levels
- Prevents floating solids and liquids from passing through the vault to the outflow
- Adjusts during extreme flows to allow the bypass media filtration to prevent flooding
- Retrofits existing systems



The optional SkimBoss® Floating Skimmer prevents floating solids and liquids from passing through the vault. Primary buoyancy is on the front inflow side which allows the skimmer to match fast rising water levels regardless of the level on the outflow side via patented Hydro-Variant Technology®. This then allows for maximum settling of sediments without compromising watershed hydrology.

SkimBoss® Skimmer Functionality

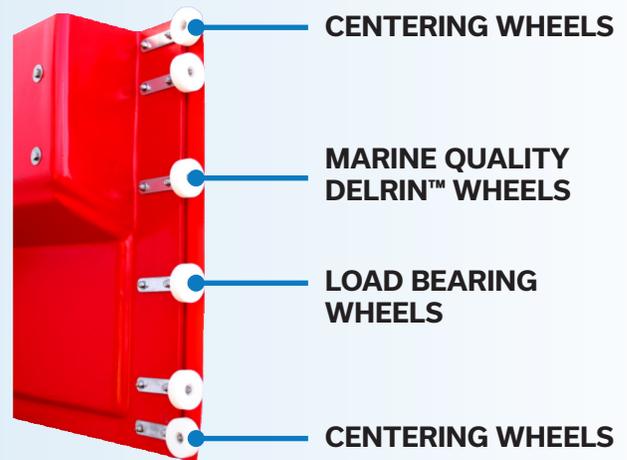
Fast Acting buoyancy

The ability to move vertically with changing water levels allows the SkimBoss® to have the effectiveness of a far taller skimmer unit without significant headloss. The primary buoyancy of the skimmer is conveyed through the front side buoyancy channel, closed cell PVC foam core and rotomolded float. Because buoyancy is not dependent on both sides, the SkimBoss® can react more quickly to changing water levels.



Low Friction Wheels

Marine quality load bearing wheels are engineered with ultra low friction components and are attached to both ends of the skimmer to eliminate any resistance of vertical movement in the track system. Adjacent to each corner of the skimmer are centering wheels which work to keep the SkimBoss® centralized within the vault and prevent friction with the sides of the track.



Pollutant Retention

At each end of the skimmer polyurethane coated polyester fabric seal. This seal has enough balance between both rigidity and flexibility to press against the surface of the track system to block the passage of any lighter liquids such as oils. This effect is amplified through the aid of StormBooms™ attached to brackets on either side of the skimmer. These booms float on the surface and change elevation with the skimmer.

