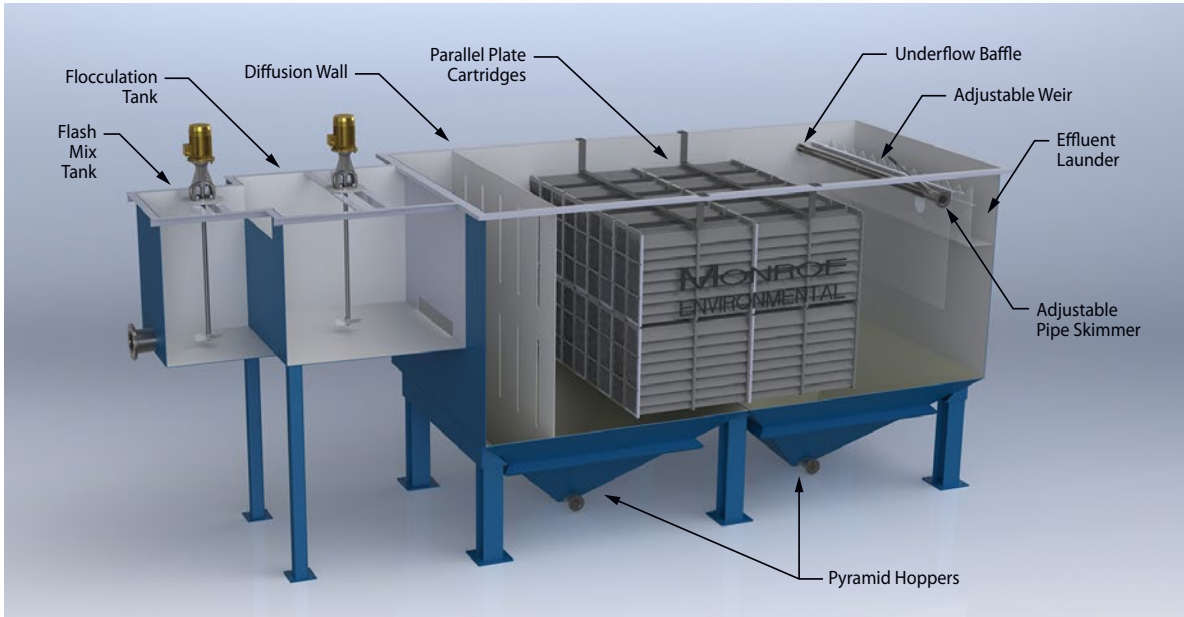




HORIZONTAL PLATE CLARIFIERS



“The only inclined plate clarifier on the market that can remove both settleable and floating materials.”

Features	Advantages	Benefits
Parallel Plate Technology	<ul style="list-style-type: none"> Smaller footprint and higher throughput vs. circular and rectangular clarifiers 	<ul style="list-style-type: none"> Lower capital cost Lower install and labor cost Reduces space requirements
Laminar Plates <ul style="list-style-type: none"> Cross flow design True laminar (co-current) flow 	<ul style="list-style-type: none"> Separates floatable and settleable contaminants <ul style="list-style-type: none"> Combines treatment processes in one unit Solids settling and oil/water separation Eliminates currents 	<ul style="list-style-type: none"> Maximizes settling and separation Improves effluent quality Lower operating cost Minimizes maintenance Reduces space requirements Reduces headloss
Chemical Treatment Options <ul style="list-style-type: none"> Coagulants and flocculants pH adjustment 	<ul style="list-style-type: none"> Increases particle agglomeration Precipitates dissolved metals and solids 	<ul style="list-style-type: none"> Maximizes settling Improves effluent quality
Sludge Removal Options <ul style="list-style-type: none"> Pyramid hopper Drag conveyor Screw/auger conveyor 	<ul style="list-style-type: none"> Accommodates a variety of sludge types: <ul style="list-style-type: none"> Light and fine floc Metals, grit, and heavy solids 	<ul style="list-style-type: none"> Optimizes sludge concentrations Minimizes maintenance
Oil/Scum Removal Options <ul style="list-style-type: none"> Slotted pipe skimmer Surface conveyor Belt skimmer Oil roll 	<ul style="list-style-type: none"> Accommodates a variety of floating materials Recovered oil can be re-used 	<ul style="list-style-type: none"> Lower material cost if oil recovered Lower capital cost No extra separation stage required