

IPC Series

DAF & Inclined Plate Clarifiers



Applications

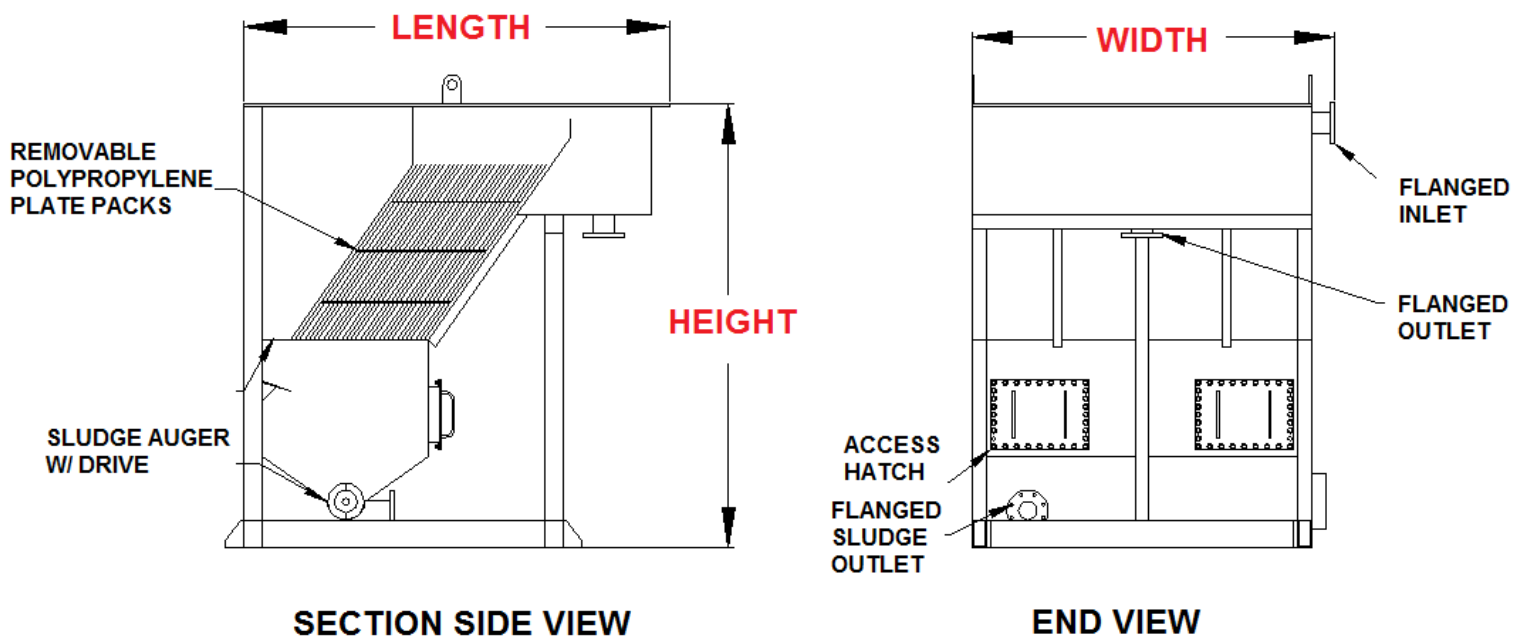
- Removal of Suspended Solids
- Industrial Waste Metals and Sludge Separation
- Precipitated Iron Removal
- Fabricated Metal Plants
- Pulp and Paper Mills
- Railroad Yards

Features and Specifications

- Suspended solids removal down to 2 ppm possible
- Parallel Plate Packs to increase effective settling area in a small footprint, polypropylene with SS rods, removable with lifting lugs, other materials available
- Counter-flow of settled solids and process flow minimizing solid re-entrainment
- Welded steel construction with sand blasted with epoxy lining and epoxy/urethane external finish, 304 stainless steel construction optional
- Inlet chamber with non-clog diffusers and baffle to distribute flow evenly across packing plates
- Sludge auger to thicken sludge and move it toward sludge outlet for efficient removal, access hatches to solids collection sump
- Clean Water Chamber with Adjustable Effluent Weir to further ensure even distribution across packing plates

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Model Number	Length	Height	Width	Effective Settling Area (Ft ²)	Nominal Flow Rate (gpm) at 0.25 gpm/ft ²	Empty Weight (Lbs)	Operating Weight (Lbs)
IPC-220	7'-4"	8'	4'	220	55	2,580	11,200
IPC-330	7'-4"	8'	6'	330	82.5	3,280	16,000
IPC-440	7'-4"	8'	8'	440	110	4,200	20,800
IPC-550	7'-4"	8'	10'	550	137.5	5,100	25,700
IPC-660	7'-4"	8'	12'	660	165	6,200	30,500
IPC-770	7'-4"	8'	14'	770	192.5	7,000	35,300
IPC-880	7'-4"	8'	16'	880	220	7,800	40,200
IPC-990	7'-4"	8'	18'	990	247.5	8,300	45,000
IPC-1100	7'-4"	8'	20'	1,100	275	9,100	49,800



Options

- Flash/Flocculation Tanks with mixers
- Access catwalk with ladder for maintenance
- Chemical metering for pH, floc agents, and oxidizing agents
- 304 Stainless steel construction

Reference Photos

