

PCCS SERIES DAF SYSTEM

flotation (flō -'tā - shən) // **noun** // Fr. 19c. **floatation**;
1. the act, process, or state of floating 2. the separation of
particles according to their relative capacity for floating on a
given liquid



PCCS dissolved air flotation systems are the embodiment of engineering efficiency. The design maximizes free and effective separation area within its compact frame. This allows for higher hydraulic and solids loading than other similarly sized DAF units.

PCCS DAF systems fit inside standard 20ft shipping containers. This makes transporting the DAFs easier and more cost efficient, especially by sea.

PCCS units, like all other FRC DAFs, can be supplied with an ANSI recycle pump, though other pump types can be used. All units come standard with the air dissolving tube, which allows precision control over whitewater generation.

PCCS DAFs are available in flow rates up to 150 gpm and can be supplied as stand-alone units or skid-mounted, plug-and-play solutions.



PCCS DAF systems fit into standard 20ft ISO shipping containers for easy transport by land or sea.



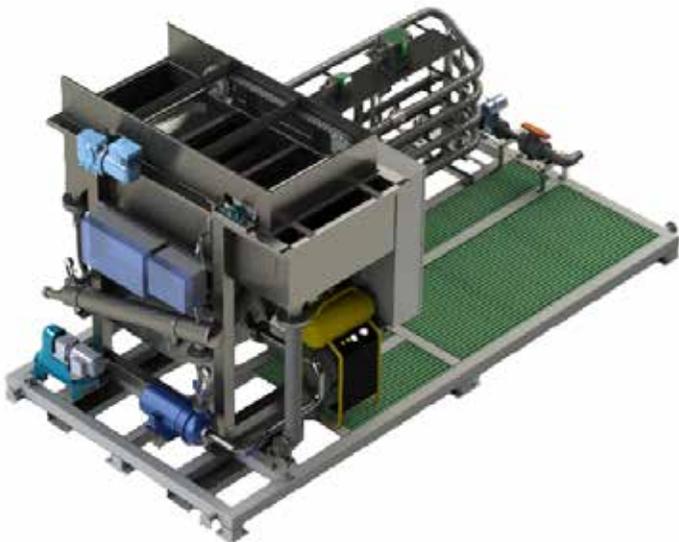
SYSTEM DETAILS

1. Influent Distribution Box
2. Whitewater Manifold
3. Solids Drain Valve
4. Air Dissolving Tube
5. Recycle Pump
6. Skimmer Drive Motor
7. Skimmer Assembly
8. Float Sludge Hopper



PCCS MODEL SPECIFICATIONS

| Model | Flow (gpm) | Free Area (sqft) | Effective Area (sqft) |
|----------|------------|------------------|-----------------------|
| PCCS-25 | 25 | 7.5 | 34 |
| PCCS-50 | 50 | 15 | 68 |
| PCCS-100 | 100 | 30 | 126 |
| PCCS-150 | 150 | 45 | 194 |



SKID-MOUNTED PCCS

PCCS DAFs can be supplied in a plug-and-play fashion to accommodate end users looking for a complete solution. The skid fits inside a standard shipping container for easy transport overseas or to remote jobsites. Components are customizable and can include:

- > Feed Pump
- > Flow Instrumentation
- > Flocculator
- > Chemical Feed Pumps
- > Air Compressor
- > Sludge Pump
- > Electrical Control Panel
- > Catwalk