

Wastewater Treatment: DAF Innovation

Three DAF Systems in Three Years. Stuart Ward of Process Engineered Water Equipment explains efficient design is key...



HD² XLRator™ DAF

Maximum Efficiency, Minimum Footprint...

The HD² XLRator™ DAF design encompasses the full array of newly advanced technological innovations.

- ◆ Tru Counter-Cross Flo™
- ◆ ParaLam Weir™
- ◆ Rogue MAX RGT™ Aeration
- ◆ Command Control™

Available Capacities:
25gpm to 1200gpm

Three Years : Three DAFs

PEWE continues to innovate the technological evolution of dissolved air flotation systems. The driving force behind these unique designs is the need to meet client and wastewater flow/load requirements. The past three years have provided a wide array of liquid/solids separation situations necessitating a new design approach to each one.

Efficient Design

These three systems are fundamentally different in how they manage hydraulic flow and achieve efficient particle separation. The key to each design is maintaining specific engineering principles including Stokes Law, hydraulic loading rate, solids loading rate and air to solids ratios. PEWE then packaged each final design with welded stainless steel vessel & chassis, integrated pipe flocculator, regenerative turbine aeration, effective self cleaning weirs and top/bottom cone solids collection. Each system is operated with a fully automated and programmable control panel.



T²-Max™ DAF

Traditional Open System, Modern Upgrades...

The T²-Max™ DAF Thickener handles high mixed solids flows without sacrificing separation performance.

- ◆ Stilling Well Vortex™
- ◆ ParaLam Weir™
- ◆ Rogue MAX RGT™ Aeration
- ◆ Command Control™

Available Capacities:
25gpm to 1000gpm

Performance Delivered

When a client calls a PEWE Representative, the first step is to survey the situation and select the appropriate system to meet their individual needs. Then at each stage of the progressive engineering and manufacturing process the client is consulted to ensure their goals continue to be met or exceeded. Next the PEWE DAF system is delivered as a readily installed package unit. An experienced PEWE field technician assists with the installation and start-up of the DAF project followed by training. Continuing PEWE customer support ensures the system provides years of reliable service.



Nx²JEM™ DAF

High Flow Capacity, Full Plate Pack Design...

The Nx²JEM™ DAF utilizes key hydraulic flow and laminar engineering principals to achieve high volume separation.

- ◆ Tru Counter Flo™
- ◆ ParaLam Weir™
- ◆ Rogue MAX RGT™ Aeration
- ◆ Command Control™

Available Capacities:
250gpm to 4000gpm



The Complete Product Portfolio

- SuperSkeen™
- HD² XLRator™ DAF
- Poly-E²™ Economy DAF
- T²-Max Thickener™
- Nx²JEM™ DAF
- OZ Oil/Water Separator™
- PolyAccu Dose™
- DeWater Systems™

Quality Liquid/Solid Separation Systems

Screening, Gravity, Flotation, Dewatering & Accessories

Test Your Water
with the
HD² XLRator™
Pilot



**PROCESS ENGINEERED
WATER EQUIPMENT**

Interested Representatives please contact us today at: 360-798-9268 & www.pewe-usa.com