



LIQUID/SOLID SEPARATION SYSTEMS

SCREENING, GRAVITY, FLOTATION, DEWATERING & ACCESSORIES

Poly-E²® DAF

25-150 GPM

US Patent #9962631

PEWE Innovative Quality

The PEWE premier line of dissolved air flotation (DAF) systems covers the full range of solids removal possibilities. Flotation systems are available for very high solids sludge thickening, mixed settleable solids, as well as standard suspended solids fare.

The unique technology built into each PEWE Poly-E²® DAF system maximizes TSS removal while minimizing chemistry usage and sludge production. The Poly-E²® features a **Tru Counter Flo**® plate pack, adjustable weir system, integrated pipe flocculator and **ROGUE MAX RGT**® aeration. Additionally, this unit operates under the complete precision of the PEWE **Command Control**® automated panel.

The PEWE complete product line includes screening systems, inclined plate settlers, DAF units, dewatering equipment, and accessories. PEWE products and systems are designed in-house and produced under tight quality control.



PEWE Dissolved Air Flotation unit shown with standard integrated Pipe Flocculator.

Poly-E²® DAF

MODEL	GPM	FOOTPRINT
Poly-E ² PE-25	25	5W x 8L x 6H
Poly-E ² PE-50	50	5W x 9L x 6H
Poly-E ² PE-75	75	6W x 12L x 6H
Poly-E ² PE-100	100	7W x 12L x 6H
Poly-E ² PE-150	150	7W x 14L x 6H

Length includes area for **MAX RGT**® pump. Both models designed 5000 TSS avg @ 70F

Finally, an affordable DAF packed with features!

PEWE Aeration Technology

The heart behind the Poly-E²® DAF's aeration technology is the **ROGUE MAX RGT**® pump. The regenerative turbine design creates the specific conditions needed for dissolving air efficiently. Coupled with the PEWE DAF, this super saturated water releases uniform 20-30 micron bubbles into the flotation system and effectively floats fine suspended solids.

PEWE Materials

PEWE offers quality material construction of 304L stainless steel for maximum life cycle service. The system is skid mounted for easy transportation, quick installation and minimum maintenance service.

Contact your PEWE representative today.

20-30 Micron Bubbles!

Test Your Water First By PEWE!

