



LIQUID/SOLID SEPARATION SYSTEMS

SCREENING, GRAVITY, FLOTATION, DEWATERING & ACCESSORIES

Dueler® DAF

25-150 GPM

PEWE *Dueler*®TM model



US Patent No. 8431022



Rogue MAX RGT®

PEWE Innovative Quality

The unique patented technology (#8431022) built into each **PEWE Dueler® DAF** system maximizes TSS removal while minimizing chemistry usage and sludge production. The innovative design allows for simultaneous pre and post biological treatment for insoluble TSS, FOG, BOD and other constituent removal in a single compact system.

The **Dueler® DAF** features a **ParaLam Weir®** system, integral pipe flocculator, **Rogue MAX RGT®** aeration, and operates with the complete precision of a **Command Control®** automated panel. Multiple operator interface PLC control languages are available as well.

PEWE Aeration Technology

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

**Maximum 20-30
Micron Bubbles!**

Dueler® DAF

<u>MODEL</u>	<u>GPM</u>	<u>FOOTPRINT</u>
TM-25	25	11 x 11 x 6
TM-50	50	13 x 13 x 6
TM-75	75	13 x 18 x 6
TM-100	100	13 x 18 x 8
TM-150	150	13 x 20 x 8
PE-25	25	8 x 9 x 6
PE-50	50	9 x 9 x 6
PE-75	75	9 x 12 x 7
PE-100	100	11 x 12 x 7
PE-150	150	11 x 14 x 7

All models designed 5000 TSS avg @ 70F

PE & TM Model Systems

The **Dueler® DAF** is available in two vessel configurations and are constructed with a AISI 304 stainless steel welded chassis and PVC piping sub-systems. The TM series is a traditional open style DAF with a cone bottom and vortex stilling well for removal of settleable solids. The PE series is a **Tru Counter-Flo®** plate pack unit with a self-draining flat bottom.

To learn more about our **Dueler DAF®** system or any of our other wastewater equipment, contact us. One of our experienced team members will be happy to help you.

