



OZ® Oil Separator

25 to 1200 GPM

PEWE Innovative Quality

The PEWE premier line of **OZ® Oil Separator** systems cover the full range of flow and removal possibilities. The unique technology built into each **OZ® Oil Separator** system maximizes the free Oil and Grease (OG) removal without the need for chemistry. With the **Tru Counter-Cross Flo®** plate pack and **ParaLam Weir®** system with integrated effluent risers, the **OZ® Oil Separator** achieves excellent results with minimal operator input.

The complete PEWE 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.

And the PEWE **OZ® Oil Separator** is easily convertible to a full Dissolved Air Flotation or DAF unit.

PEWE is an innovative leading company in the field of industrial water and wastewater treatment systems. PEWE offers products worldwide to the Food, Petrochem, Pharma, Metals, Electronics, other industries and Municipal market.



**OZ® Oil Separator
is DAF Convertible!**

PEWE Conversion System

Every **OZ® Oil Separator** chassis can be easily converted later to a full dissolved air flotation or DAF unit with the **ROGUE MAX RGT®** aeration system and integrated pipe flocculator. The new DAF would be operated by precise control of a PEWE automated **Command Control®** panel. Double your value with a PEWE system.

OZ® Oil Separator

<u>MODEL</u>	<u>GPM</u>	<u>FOOTPRINT</u>
OZ-25	25	5 x 7 x 6
OZ-50	50	5 x 8 x 7
OZ-100	100	6 x 9 x 8
OZ-175	175	8 x 11 x 9
OZ-250	250	8 x 15 x 9
OZ-375	375	9 x 16 x 11
OZ-600	600	12 x 16 x 11
OZ-750	750	12 x 19 x 11
OZ-1200	1200	12 x 25 x 13

All models designed up to 5000 PPM
30-60 micron FOG @ 70F

Laminar Flow: Stoke's Law

The rising velocity of a particle depends upon the particles size, density and the viscosity of the water.

PEWE OZ Oil Technology

The heart of the aeration technology behind the **OZ® Oil Separator** is the precision engineered FRP plate pack. Based on physical principles of Stoke's Law, the design creates the specific conditions for capturing free oil and grease along the surface of the plates and segregating it to the skimmer while the water exits for reuse or discharge.

