



OZ Oil/Water Separator® 25 to 1200 GPM



PEWE OZ Oil/Water Separator® shown is convertible to a full Dissolved Air Flotation unit.

PEWE Innovative Quality

The PEWE premier line of **OZ Oil/Water Separator®** systems cover the full range of flow and removal possibilities. The unique technology built into each PEWE **OZ Oil/Water Separator®** system maximizes 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/Water 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. Support services are provided for product life.

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.

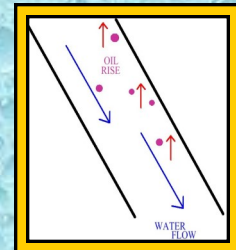
PEWE OZ Oil/Water Technology

The heart of the aeration technology behind the PEWE **OZ Oil/Water Separator®** is the precision engineered IFRP 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.

Laminar Flow: Stoke's Law

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

$$V_r = \frac{\delta_p \times g \times \delta^2}{18\eta}$$



More Benefits:
OZ Oil/Water Separator®
is DAF Convertible!

OZ Oil/Water Separator®

MODEL	GPM	FOOTPRINT
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.

PEWE Chassis System

Every **OZ Oil/Water Separator®** chassis is convertible later to a full dissolved air floatation 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 panel. Double your value with PEWE.

