Centrifugal DAF Pump
The EDUR PBU Series Centrifugal DAF Treatment and Ozone Mixing Pump is a truly remarkable centrifugal pump for DAF and Gas-Liquid pumping applications.

The PBU’s ability to reliably process and pump without cavitation entrained gases in liquids with contents of up to 30% or its high energy-efficiency and its technical superiority and ability to replace many pumping components into a single unit the PBU Series is truly a leader in the field of DAF Pumps and DAF Pump Systems.

Usage

The EDUR PBU Series Centrifugal DAF Treatment and Ozone Mixing Pump is also an Ideal solution for traditional DAF (Dissolved Air Flotation) systems with its high gas-content capability to produce “White Water”.

White Water is a term used for when water is supersaturated with micro bubbles of diameters smaller than 30 microns. These bubbles attach themselves to particulate matter and make it buoyant where it can be then floated to the surface for easy collection.

Main Applications

- Water Supply & Treatment
- Wastewater Treatment
- Bio-Tech Industry
- Surface Cleaning Applications
- Liquid-Gas Pumping Applications
- High Pressure
- Food Sterilization
- DAF Process
- Oil/Scum Removal

The PBU Multiphase achieves low velocity of flow with a high degree of dispersion of micro bubbles for optimal enrichment of mixing liquids with gases at operating conditions of up to 232 PSI and with a flow range of 0-15 GPM at temperatures ranging from -40°F to +284°F with a Viscosity of 115 mm²/s.

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50Hz Performance Curve

Dimensions Drawings

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