



# SugAire Clarifier™ 50 to 1200 GPM



PEWE Clarification System

**Custom Steel  
Only With PEWE!**

## PEWE Vessel & Plate Pack

The *SugAire Clarifier™* chassis is very robust for handling heavy solids and high temperatures. Available in all welded carbon steel or AISI 304 stainless steel, the vessel is standard with 0.125" plate. Additionally, the *Tru Counter-Cross Flo™* plate pack can also be ordered in a custom material specification to meet customer temperature, viscosity and load requirements.

### SugAire Clarifier™

| MODEL    | GPM  | FOOTPRINT    |
|----------|------|--------------|
| SPD-50   | 50   | 5 x 7 x 7    |
| SPD-100  | 100  | 5 x 11 x 7   |
| SPD-175  | 175  | 7 x 10 x 8   |
| SPD-250  | 250  | 7 x 13 x 8   |
| SPD-375  | 375  | 8 x 13 x 10  |
| SPD-600  | 600  | 8 x 19 x 10  |
| SPD-750  | 750  | 10 x 18 x 10 |
| SPD-1200 | 1200 | 10 x 27 x 10 |

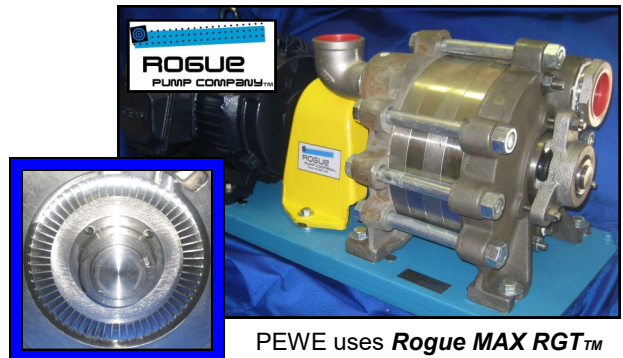
All models designed 5000 TSS ave @ 180F

## PEWE Innovative Quality

The unique patent pending technology built into the **PEWE *SugAire Clarifier™*** system maximizes removal of suspended colloidal materials, color and bagasse while minimizing chemistry usage and mud production. With the ***Tru Counter-Cross Flo™*** plate pack, ***ParaLam Weir™*** system, integrated pipe flocculator and ***Rogue MAX RGT™*** aeration, the ***SugAire Clarifier™*** operates with complete precision of the **PEWE *Command Control*** automated panel.

The heart of the separation technology behind the ***SugAire Clarifier™*** is the precision engineered ***Tru Counter-Cross Flo™*** plate pack. Based on physical principles of Stoke's Law, the design creates the specific conditions for separating particles along the surface of the plates and segregating them while the clarified syrup exits.

**PEWE** is an innovative leading company in the field of industrial process, water and wastewater treatment systems. **PEWE** products and systems are designed in-house and produced under tight quality control. Support services are provided for product life.\* **PEWE** offers products worldwide to the Agricultural, Food, Petrochem, Pharma, Metals, Electronics, other industries and Municipal market.



PEWE uses ***Rogue MAX RGT™*** regenerative turbine pumps.

**20-30 Micron Bubbles!**

## PEWE Aeration Technology

The advanced aeration technology behind the **PEWE *SugAire Clarifier™*** is the ***Rogue MAX RGT™*** pump. The regenerative turbine design creates the specific conditions for dissolving air efficiently. Coupled with the **PEWE *SugAire Clarifier™***, this super saturated sugar syrup releases uniform 20-30 micron bubbles into the flotation system and effectively floats fine suspended solids to the surface for removal.

\* Lifetime support services and pilot cost rebates detailed in purchase quotation.

