



Pilot Test DAF Nx2JEM®

Lab Testing

PEWE recommends before and after lab tests be conducted on representative water samples. This testing should reflect the facilities typical daily wastewater discharges. Lab tests generally include TSS, TDS, TBOD, SBOD, FOG and pH. Lab test costs are not included in the pilot rental.

Pilot Utilities

The electrical control panel is designed for dual voltage of 480v, three phase, 60Hz, and has a 20 amp maximum current draw. Installed power is 2.5 Hp. Compressed air required is 4cfh at 45psi. Fresh water is necessary for dilution of chemicals and final cleaning of the equipment.

Chemicals

PEWE will arrange with your choice of chemical vendor to supply the appropriate type and quantities of required chemicals. Jar testing is suggested prior to selecting any chemical program. The cost and delivery of these chemicals are not included with the pilot rental.

DAF Solids

The flotation solids are dewatered and scraped off by the chain and flight rake system. Periodic bottom discharge solids are released as well. The combined solids can be collected in a container for testing and final disposal.

Footprint

Footprint of DAF: 5' wide X 7' long
Footprint of work area: 10' wide X 12' long



PEWE Pilot Test System

PEWE offers complete pilot testing of water and wastewater streams for the purpose of proofing its treatability. The pilot test system is skid mounted for easy transportation, comes with an experienced operator for set-up, trialing and return shipment. The pilot is a fully scaled version of it's larger "brothers", is constructed in stainless steel and PVC for corrosion resistance, utilizes Rogue regenerative turbine aeration technology and is operated with the PEWE Command Control® system.

The unique technology built into each PEWE DAF system maximizes TSS removal while minimizing chemistry usage and sludge production. Pilot testing provides management with the valuable data needed for making key design and return on investment decisions.

The standard rental is for one week. Additional testing may be arranged as necessary. To schedule a pilot test trial, simply complete the rental agreement and arrange for the selected test period and payment. Some pilot costs may be applied to subsequent PEWE DAF purchase.*

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PEWE Nx²JEM® AS-15 Pilot DAF

20-30 Micron Bubbles!



US Patent #9962631



PEWE uses Rogue MAX RGT™ regenerative turbine pumps.

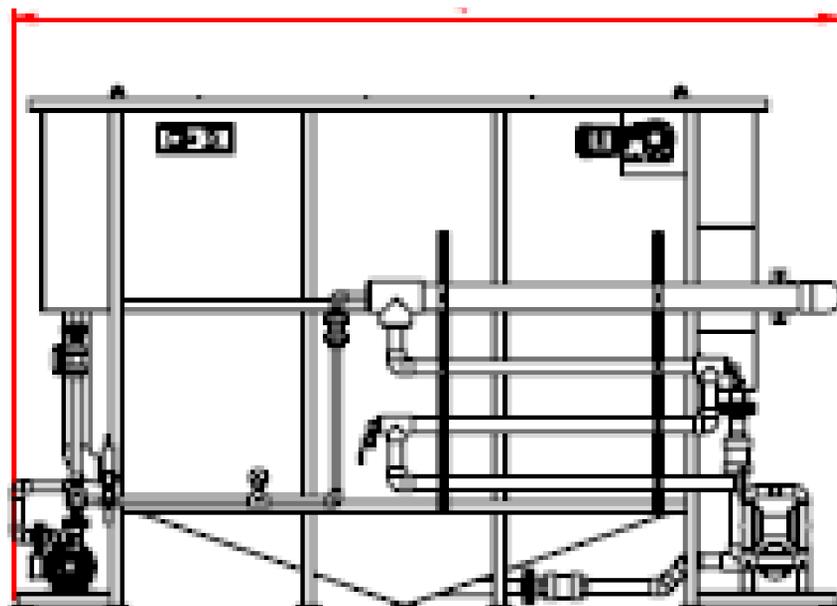
PEWE DAF Innovative Quality

The unique dissolved air flotation technology built into each Nx²JEM® DAF system maximizes TSS removal while minimizing chemistry usage and sludge production. The chassis and vessel are constructed of AISI 304SS. With the Tru Counter Flo® plate pack, ParaLam Weir® system, integrated pipe flocculator and Rogue MAX RGT® aeration, the Nx²JEM® DAF operates by precise control of the PEWE Command Control® automated panel.

Pilot Test Your Water First by PEWE!

Nx ² JEM® DAF		
MODEL	GPM	FOOTPRINT
AS-250	250	6 x 18 x 11
AS-375	375	9 x 16 x 11
AS-600	600	9 x 22 x 11
AS-800	800	9 x 26 x 11
AS-1200	1200	10 x 28 x 11
AS-1600	1600	10 x 32 x 12
AS-2000	2000	13 x 32 x 12
AS-2800	2800	14 x 34 x 14
AS-4000	4000	14 x 42 x 14

All models designed 5000 TSS avg @ 70F.



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