Nx²JEM DAF

Wastewater Treatment System

PEWE *Nx²JEM AS-15* DAF

Model AS-15….21,000gpd capacity

The **PEWE** ***Nx²JEM***™ line of dissolved air flotation (DAF) systems cover the full range of solids removal possibilities. Flotation systems provide high solids sludge thickening, efficient mixed settle-able solids removal, as well as safety recessed surface skimmer.

The unique technology built into each **PEWE** ***Nx²JEM***™ DAF system maximize TSS removal while minimizing chemistry usage and sludge production. With the ***Tru Counter Flo***™ plate pack, ***ParaLam Weir***™ system, integrated pipe flocculator and ***ROGUE MAX RGT***™ aeration, the ***Nx²JEM*** DAF operates with complete precision of the **PEWE** ***Command Control*** automated panel.

This unit comes skid mounted with fully integrated with installed color touch-screen controls, solids pump and pipe flocculator. The optional EQ/pH pre-treatment skid and ***SSI*** internally fed screen are available to complete the package.

Removal Efficacy

The **PEWE** ***Nx²JEM***™ ***AS-15*** typically removes 95% of insoluble materials for industrial wastewater discharges. These generally include TSS, FOG and associated BOD.

System Utilities

The electrical control panel is designed for voltage of 480v, 3p, 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 periodic cleaning of the equipment.

Chemicals

PEWE will arrange with your choice of chemical in the appropriate type and quantities of required. Jar testing is suggested prior to selecting any chemical program.

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

19215 SE 34th Street Suite 106-202 Camas, WA 98607 USA
P: 360-798-9268 F: 360-735-9347 www.pewe-usa.com

MADE IN USA