

New 50m³/h JORSUN DAF Delivered to a F&B Factory in Sendayan

Author: Hafiz Razali

Working closely with our engineering partner, PureGen once again successfully delivered a packaged Dissolved Air Flotation (DAF) to a new F&B factory in construction, located in Bandar Enstek.

(Figure 1: DAF2-050 for Food Production Wastewater Treatment)



This DAF is rated at 50m³/h, with full SS304 construction.

The fabrication was done oversea by our principal, Jorsun. Their vast experience in DAF manufacturing makes it possible to deliver entire DAF package in a standard 40ft container, via sea freight. This is a preferred shipping method for smaller capacity DAF, as it is more economical.



Figure 2: Unloading process of DAF2-050 from container

Larger DAF normally shipped with 'Flat Rack' instead of container:



Figure 3: Example of DAF Shipped with Flat Rack

JORSUN DAF Line Up

Here are the common DAF variants:

- DAF (2m³/hr to 150m³/hr) – Flat bottom tank DAF, most common type of DAF.
- DAF2 (10m³/hr to 150m³/hr) – Inclined bottom tank DAF or “W” shape sludge hopper, for easier sludge discharge
- SDAF (3m³/hr 300m³/hr) – High Efficiency DAF incorporated with incline plates in separation zone. Suitable for higher solid loading.
- IDAF & IDAF2 (2m³/hr to 150m³/hr) – Integrated DAF & DAF2 by the combination of chemical reaction tanks.

The construction material can be specified from Mild Steel, SS304 or FRP lined. Additional customization such as pump quantity, mixer quantity is available.

Ancillary equipment/component such as recycle pump, air compressor, saturation tank, microbubble piping & nozzles, and control panel are included in standard package.

Other JORSUN Products

Since 2019, PureGen has delivered various size of Jorsun DAF and other water treatment equipment to our engineering partners. They were found in various industry sectors, from F&B, glove, solar panel, painting industries, chicken slaughterhouse, sewage treatment plant (STP) to semiconductor.

Besides DAF, Jorsun is also specialized in **lamella clarifier**, **sludge scraper**, **sludge dewatering** and other supporting equipment.



Visit our website to find out more on JORSUN products:

<https://puregen.my>

If you have further enquiry, please contact your respective sales person, or reach us @

marketing.puregen@gmail.com