

Dilution Tank



Point-of-Use Dilution | Centralised Dilution

LT Air Engineering *makes owning a dilution tank easy*

When it comes to dilution needs, we offer a turn-key solution from the design & supply to installation on site if required.

With a fibreglass reinforced plastic (FRP) construction, our dilution tanks offer superior chemical resistance and mechanical strength while remaining light in weight.

All our dilution tanks come with internal baffle plates for longer retention time.

Description

The dilution tank is commonly used for laboratories, clean rooms, paint studios, etc where chemical wastes are often generated.

The point-of-use type is usually installed below lab benches and sinks for local dilution before draining to the centralised dilution tank or treatment facility.

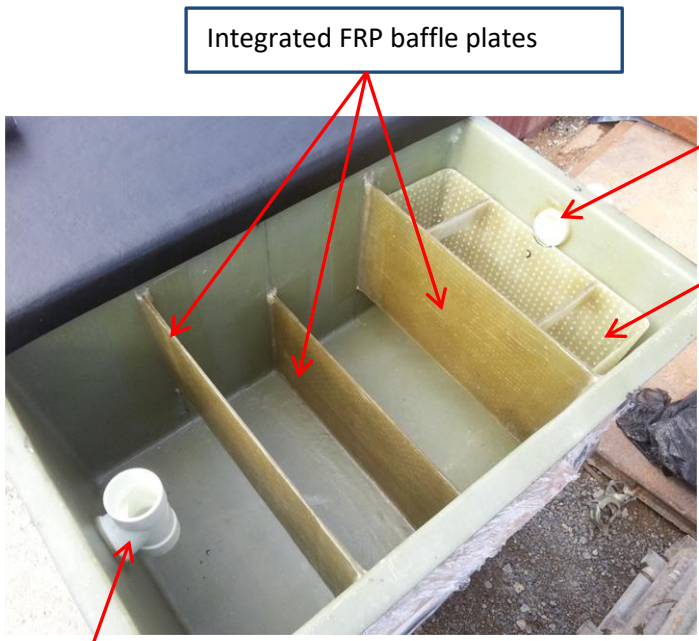
The larger type is usually used as a centralised dilution tank for application where multiple sources of chemical wastes may be present.

Both types of dilution tanks can be customised to suit your site requirements if space constraint is an issue.

Technical Specifications

Product	: Dilution Tank c/w Internal Baffle Plates
Application	: Waste Chemicals Dilution
Top Cover	: Boltless / Bolted Removable Top Cover
Thickness	: 4 – 8 mm
Type of Fabrication	: Handlay
Material of Construction	: FRP
Inlet / Outlet	: Ø1-1/2" PVC Union or Female Adapter (<i>for point-of-use tank</i>) FRP Flange (<i>for centralised tank</i>)
Optional Accessories	: Internal Removable FRP Basket Strainer

Point-of-Use Dilution Tank



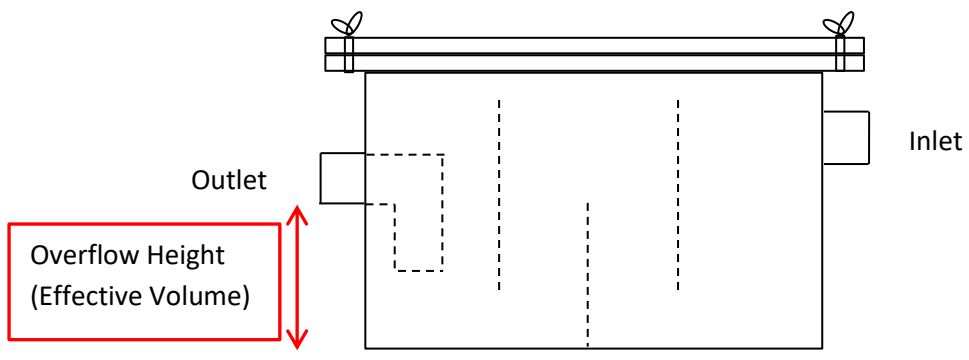
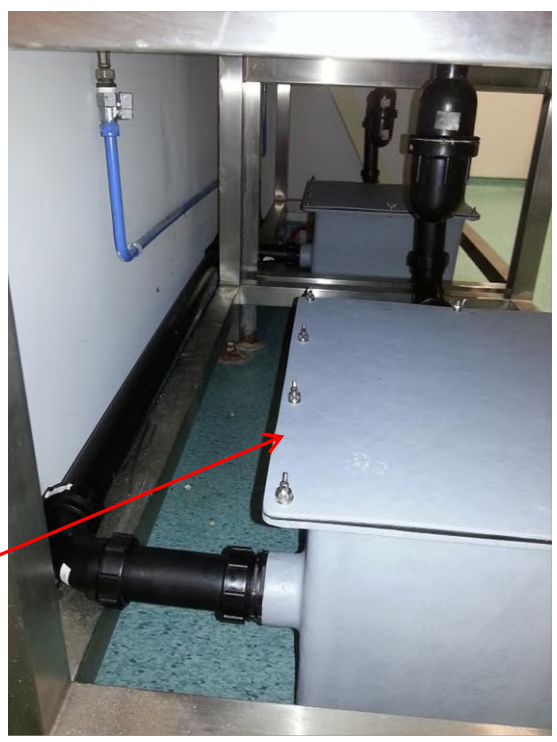
Integrated FRP baffle plates

Inlet: 1-1/2" PVC union or female adapter connection

Optional basket strainer

Outlet: 1-1/2" PVC union or female adapter connection with internal elbow / tee

- Choice of tank cover:
- 1) With lockable SS316 wing nuts
 - 2) With SS316 bolts & nuts
 - 3) Bolt-less cover

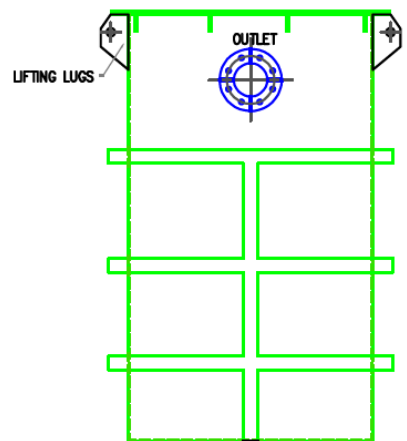
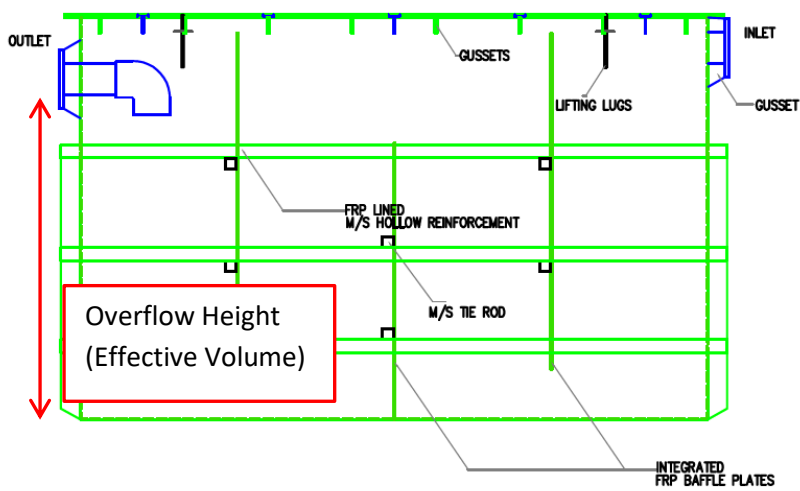


Centralised Dilution Tank



FRP / PVC flange nozzles

FRP flange outlet with internal elbow



Why LT Air Engineering?

- In-house design
- Experienced fabrication team
- Full QC test before leaving factory
- Quick response
- Integrated internal baffle plates for longer retention time
- Optional basket strainer
- Removable and lockable tank cover for easy maintenance
- Robust FRP construction for maximum mechanical strength and corrosion resistance
- Turnkey package from design to installation



Dilution Tank for an art studio



Dilution Tank for laboratories of a local polytechnic



**Dilution Tank for a hospital
(opened to show interior)**

LT Air Engineering Pte. Ltd.

Your partner towards a cleaner and more sustainable environment

Think environment, Think LT Air

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