

### Dilution Tank



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Point-of-Use Dilution | Centralised Dilution

## LT Air Engineering *makes owning a dilution tank easy*

When it comes to dilution needs, we offer both the localised under-sink type as well as the centralised type.

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.

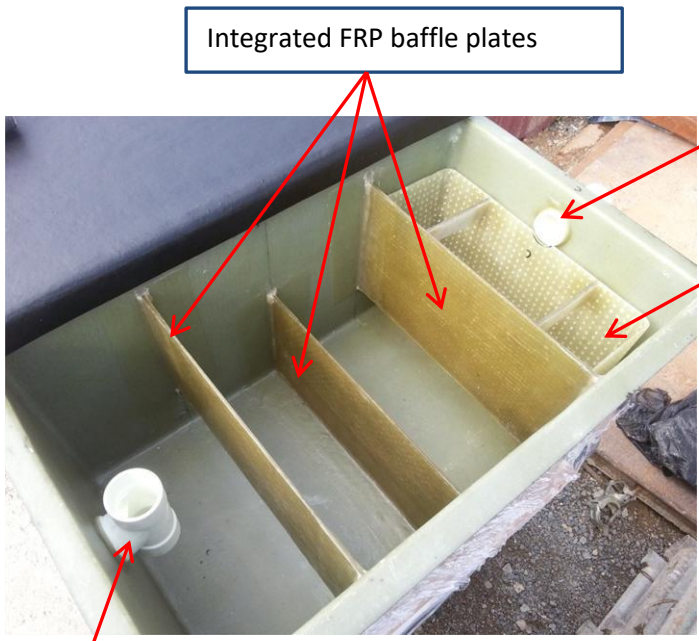
The larger type is usually used as a centralised dilution tank for application where multiple sources of chemical wastes may be present.

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

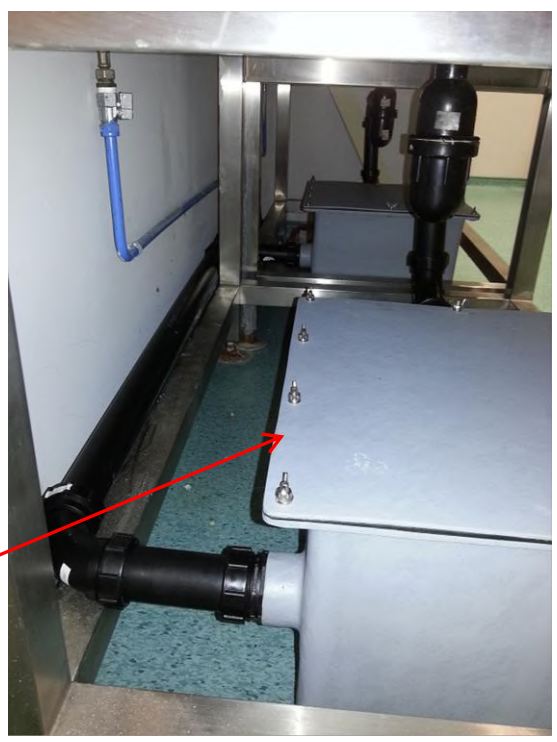


Integrated FRP baffle plates

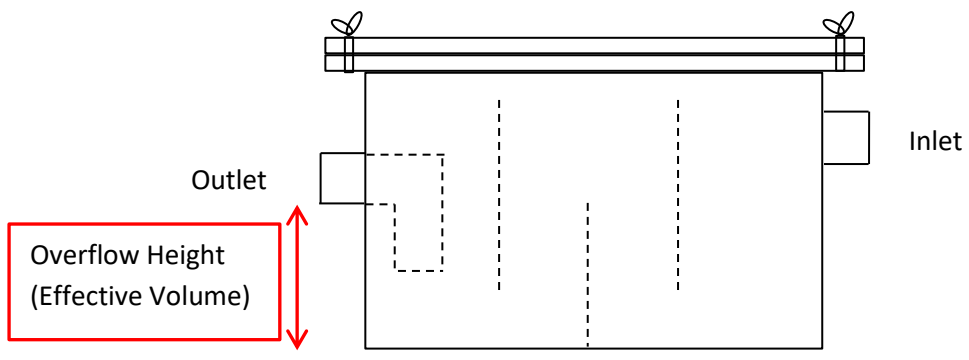
Inlet: 1-1/2" PVC union or female adapter connection

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



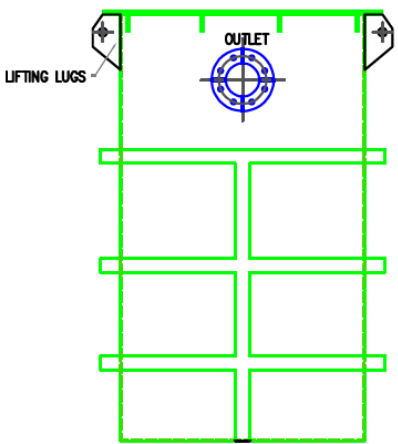
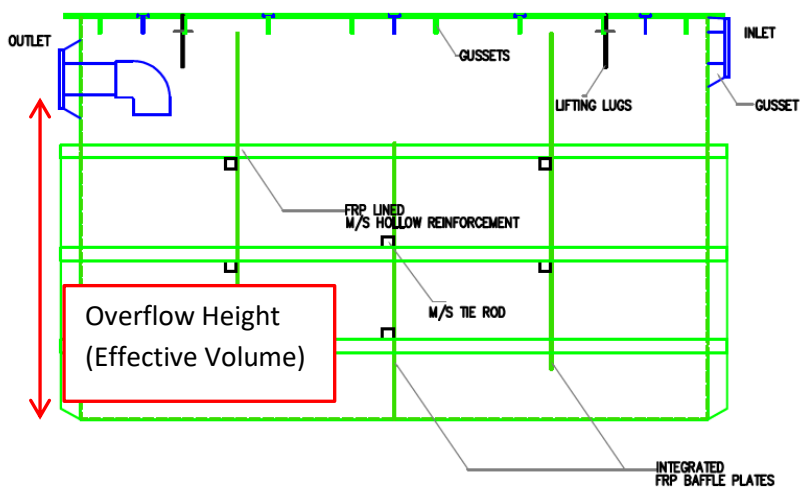
# Centralised Dilution Tank



FRP / PVC flange nozzles



FRP flange outlet with internal elbow



## Why LT Air Engineering?

- Experienced fabrication team
- Full QC test with report
- 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



**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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