

# acecube

## versatile AB/DEF



The AceCube Versatile Ad-blue / DEF tank is an intelligent class leading DEF tank design. It features galvanised stacking corners which double up as lifting lugs and it comes complete with a galvanised primary hatch lid opening up to a convenient bundled equipment compartment. The innovative intelligent tank boasts a three tier component design, a completely removable top cover lid, a fully separate and removable inner stainless steel or HDPE poly plastic tank and an outer carbon steel protection tank. The tank is complimented with an integrated bi-directional forklift base frame design which insures total on-site manoeuvrability.

The tanks equipment compartment area is designed to be up-fitted with a manual electric pump & dispensing nozzle and can be up-fitted with interface modules and controls which accommodate the automatic replenishment of Ad-Blue/DEF into Tier 4 Final North American enginesor Stage V European engines on long run Applications, helping companies adhere to the new worldwide EPA regulations.

### Available Sizes

- ✓ ACV-AB/DEF-380L/100G

### Sectors

- ✓ Equipment Rental
- ✓ Deisel Generator Power
- ✓ Municipalities
- ✓ Construction
- ✓ Fuel Distribution



# acecube

## versatile AB/DEF

### Enhanced Design Features

#### Unique Design Standard

The AceCube Ad-blue / DEF Tank comes complete with an extra-large galvanized hatch lid and galvanized stacking corners. The primary hatch lid opens up to a component ports plate and large equipment compartment area designed to house various pumps or interface controls. The inner tank located inside the class leading AceCube protection shell can be supplied as a 304 Stainless steel tank or a HDEP Poly plastic tank.

#### Maintenance & Environment

To ensure efficient and unencumbered cleaning, maintenance and inspection the ingenious three tier component design allows the inner tank to be completely removed and disconnected. This flexible design ensures a minimal amount of downtime and thus increases over long term ROI.

#### Stacking & Racking

All AceCube Ad-blue/DEF tank designs are "stackable and rackable" into 40ft shipping containers for worldwide transport. They are also stackable 3 high when empty and 2 high when full.

#### Dispensing & Accessibility

The AceCube Ad-blue / DEF Tank comes equipped with a spacious equipment chamber which engages a bespoke universal bracket system that can support the fitting of various interface modules electric cable connections push pump and hoses suitable for the automatic replenishment of the Ad-blue / DEF.

#### Transportable & Portable

The AceCube Ad-blue / DEF cube tank is an IBC Bunded Fuel Storage tank range and comes in the following sizes ACV-A.B/DEF-380-L/100G to ACV-A.B/DEF-950L/250G. The tanks have been built to the well known UN31A/Y Department of transport standard and as Ad-blue/ DEF is a none hazardous liquid the tank is safe for transportation on all major roadways when full.

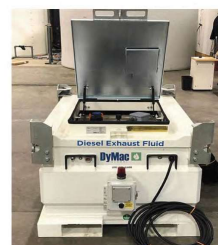
### Intelligent Customisation Design

#### AutoMatic Ad-Blue / DEF replenishing tank

Designed to replenish Ad-blue / DEF in construction equipment using Tier 4 Final engines for the North American markets and construction equipment using Stage V engines for the European markets. The ACV-A.B/DEF 380L /100G & ACV-A.B/DEF 900L /220G models have been design for simple dispensing using a 12V Electric pump & Manual nozzle and or a full intelligent automatic replenishing system.



### Superior Features



letter box opening for hose and cable entry



bi-directional forklift pockets for maximum manoeuvrability



heat trace hosing available for cold weather applications

### Optional Accessories



Monitoring equipment for Ad-blue / DEF Levels, Pump status, DEF Temperature



12V Electric Pump with Nozzle and 4M hose for Manual Dispensing.



Heat trace hosing secured through the unique letter box openings.



## MODEL (ACV-AB/DEF-380L/100G)

The AceCube Ad-blue / DEF tank offers an intelligent Automatic replenishing system and or manual dispensing system. It has been designed for the rigours of rental industries worldwide.



### Specifications

	Metric	US	Imperial
Capacity	380 Litres	100 Gallons	84 Gallons
Length	1466 mm	57 11/16"	57 11/16"
Width	1066 mm	41 15/16"	41 15/16"
Height	854 mm	33 9/16"	33 9/16"
Outer Tank Thickness	4 mm	2/16"	2/16"
Inner Tank Thickness	4 mm	2/16"	2/16"
Mass(empty)	380 kg	837 lbs, 12oz	837 lbs, 12oz
Mass(full)	705 kg	1554 lbs, 4oz	1554 lbs, 4oz
Safe Fill Level	361 Litres	95 Gallons	79 Gallons

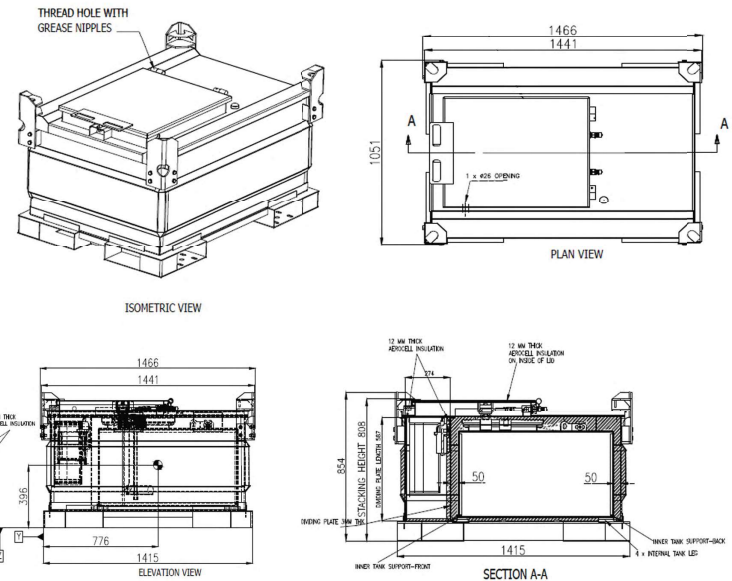
### Approvals and Certifications

#### UK & Europe

- ✓ Trade Mark Certificate Europe
- ✓ Trade Mark Certificate UK
- ✓ (IBC) Intermediate Bulk Containment
- ✓ UN 31 A/Y
- ✓ Adhering to ADR regulations
- ✓ Lifting when Full Certified
- ✓ PPG2 & PPG26
- ✓ Vibration Tested
- ✓ UL142
- ✓ ULCS601-14

#### USA & Canada

- ✓ (IBC) Intermediate Bulk Containment
- ✓ TSSA B1390 ON - 2006 (Optional)
- ✓ UN 31 A/Y
- ✓ DOT USA
- ✓ DOT Canada
- ✓ Lifting when Full Certified
- ✓ Vibration Tested
- ✓ UL142
- ✓ ULCS601-14



The Ad-Blue DEF cube is designed to meet the most extreme climate conditions for proper, Safe storage of Ad-Blue/DEF without freezing



Standard warm weather kit



Cold weather kit



Extreme cold weather kit