

OPERATION MANUAL



POWER®

acecube™

MODELS **ACV-DEF-211G** **ACV-DEF-436G** **TRANSPORTABLE DEF TANKS**

Revision #0 (08/17/26)

To find the latest revision of this publication or associated parts manual, visit our website at:

www.mqpower.com



THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

PROPOSITION 65 WARNING



ACV-DEF-211G
ACV-DEF-436G
Transportable Def Tanks

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PRODUCT DETAILS

Product Details	
Manufacturer	Supplier/Distributor
DyMac Global Limited +353 1 442 0516 Brownstown Road, Commons, Newcastle Co. Dublin, Ireland, D22 Y2F2 E-mail: sales@dymacglobal.com	MQ Power (310) 537- 3700 6141 Katella Avenue Suite 200 Cypress, CA 90630 E-mail: mq@multiquip.com
Model No: Purchase Order No:	Purchase Order No:
Serial No:	Job No:
Date of Supply:	Tank Capacity:
Tank Capacity:	Issue Date:
Color: RAL: Warranty No:	Warranty No:
Notes:	

ALL WARRANTY AGREEMENTS ARE BETWEEN THE CUSTOMER AND DYMAC GLOBAL LTD.

The warranty is subject to the conditions below, your product is supplied with the warranty against material defect in workmanship or materials from the date of supply for the following warranty period. The warranty is based on fair wear and tear basis. Defective parts will be replaced or rectified at the manufacturer's discretion and subject to being returned for full examination at client's cost. For export sales, it is expected that labor would be carried out locally and under the review of DyMac Global. No warranty either explicit or implied is offered for any bought-out items other than those offered by the manufacturer.

ACECUBE – VERSATILE DEF BUNDED TANKS – STEEL STRUCTURE: 3 YEARS

INNER POLY PLASTIC TANK: 1 YEAR

PAINT WORK: 1 YEAR

ACCESSORIES:

DISPENSING PUMPS, DELIVERY NOZZLES,

SUCTION/DELIVERY HOSES: 90 DAYS

ALL OTHER ACCESSORIES: 1 YEAR

The warranty is subject to following conditions:

To qualify for the guarantee this product must be installed by a registered competent person in accordance with prevailing statutory requirements. The period of the warranty will commence from the date of invoice. The warranty is provided to the original purchaser, only proof of the purchase and evidence of annual inspection by a registered competent person will be required in the event of a claim.

HEAD OFFICE: DyMac Global Limited,
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During the warranty period, any component of your product which is proved to contain any material defect in workmanship or materials will be exchanged or repaired, at our sole discretion by us free of charge for material or labor. In respect of your product, the warranty does not cover (and we will not accept responsibility for) any consumable items, any component which has not been manufactured by us (please refer to the manufacturer's warranty supplied with the relevant component), fair wear and tear, or any fault:

- In respect of any component not forming part of your product; or
- Arising from any cost other than defect in original workmanship or materials; or
- Caused improper installation, maintenance, neglect, misuse or willful or accidental damage; or
- Caused by alteration or repair by you or by a third party who is not one of our authorized repairers; or
- Caused by non-observance of either any applicable statutory requirement or any of the instructions contained in the installations and operating instructions appropriate to your product and in this respect.

Your product has been used only for the purpose for which it is designed, and that any terms and conditions held with your installer have also been adhered to.

To the maximum extent permitted by UK law:

- The warranty is given in lieu of all other warranties, expressed or implied by statute or common law, including implied warranties or conditions of satisfactory quality and fitness for a particular purpose, provided that this warranty is in addition to your legal rights in relation to goods that are faulty or not as described; and
- We shall not in any circumstances be liable to you or any other party, whether in contract or (including for negligence and breach or statutory duty howsoever arising), misrepresentation (whether innocent or negligent), restitution or otherwise, for any special, indirect or consequential loss or damage.

INTRODUCTION

Thank you for the purchase of AceCube. This accompanying manual will help you safely operate and maintain your new tank. The following information in this manual will ensure years of safe, reliable service and production. Please ensure that all owners, operators or any other persons working near or on the AceCube read and understand this manual. Following the procedures and maintenance schedules as outlined in this manual will help to:

- Avoid dangers
- Reduce costly repairs, cleanups, and downtime
- Increase the reliability of the AceCube

The AceCube is designed and built to the highest standards using quality materials and components. DyMac Global has taken the greatest care to ensure that you have received a safe and reliable product that will provide you with years of service. The AceCube is designed with the highest regard for safety. Nonetheless, misuse of this product may result in serious injury, death, or damage to the tank, as well as void the manufacturer's warranty.

DESIGNATED USE

The AceCube Versatile ACV-DEF-211G, ACV-DEF-436G is a transportable fuel tank designed to be moved when full via its built-in forklift pockets or lifting eyes. It is stackable both in shipping containers and on truck beds, 2 high when full or 3 high when empty. Its outer bund tank is 110% the capacity of the inner tank, ensuring the upmost level of security and environmental protection in the event of a leak. DyMac Global cannot be liable for any damages resulting from misuse.

Contacting DyMac Global: if you have any questions regarding your product, please contact us at the following number:

Ireland office: +353 1 442 0516

By calling this number you can reach any of the following departments: service, sales, production, accounting or engineering.

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SAFETY INFORMATION

DO NOT operate or service the equipment before reading the entire manual. Safety precautions should be followed at all times when operating this equipment. Failure to read and understand the safety messages and operating instructions could result in injury to yourself and others.

SAFETY MESSAGES

The four safety messages shown below will inform you about potential hazards that could injure you or others. The safety messages specifically address the level of exposure to the operator and are preceded by one of four words: **DANGER**, **WARNING**, **CAUTION** or **NOTICE**.

 **DANGER**

Indicates a hazardous situation which, if not avoided, **WILL** result in **DEATH** or **SERIOUS INJURY**.

 **WARNING**

Indicates a hazardous situation which, if not avoided, **COULD** result in **DEATH** or **SERIOUS INJURY**.

 **CAUTION**

Indicates a hazardous situation which, if not avoided, **COULD** result in **MINOR** or **MODERATE INJURY**.

NOTICE

Addresses practices not related to personal injury.

SAFETY DECALS

This tank is fitted with a number of safety warning decals to highlight potential risks. These warnings must be obeyed at all times. If one of the decals become detached or damaged it must be replaced. The safety decals use pictograms to indicate the relevant risk in line with ISO requirements and pictograms with text in line with ANSI requirements, and will be equipped with same dependent on your region.

It is imperative that you check the local requirements for labeling before loading the tank with dangerous goods. The appropriate decals should be applied to the tank in line with local authority requirements.

PERSONAL SAFETY

NOTICE

- Ascertain from the appropriate authority and observe all statutory and any other regulations that may apply to the planned location before operating the product. Operators must be trained in the correct and safe use of all equipment.
- Before operation the operator(s) must:
 - Have received specific and adequate training in the task to be carried out.
 - Have read and understood the operations manual and the safety signs in this manual and around the product(s).
 - Know the location and function of controls and safety features.
 - Be aware of all moving parts of the equipment.
- Any work on and/or with the product must be executed by trained, reliable and authorized personnel only.
- Statutory minimum age limit must be observed.
- Work on the hydraulic system must be carried out only by personnel with special knowledge and experience of hydraulic equipment.
- It is the responsibility of the persons using this tank to ensure that the correct placards are fitted before transporting the tank. Please refer to the appropriate legislation in your region.

SAFETY INFORMATION

WORK AREA SAFETY

DANGER

- **DO NOT** smoke or allow smoking near flammable fuels or solvents. Use non-flammable solvents for cleaning parts and equipment. Know where fire extinguishers and other fire suppression equipment are located and learn how to use them.



- Avoid electrical and static sparks and any open flame while handling, storing, moving or pouring fuels, electrolytes for batteries, hydraulic fluids or coolants.

NOTICE

- Operators must have received specific training in all operating and service tasks as required for the safe operation and service of the tank. Operators must know the location and correct operation of all controls and safety features.
- Only authorized and trained personnel involved in tank operation or maintenance should be in the vicinity of tank while it is being used or serviced. All other personnel should be kept at a safe distance.
- Keep the work area as neat and as clean as practical. Keep your equipment clean and free of dirt and grease so it can be checked for loose, cracked or broken parts. Replace defective parts as soon as they are discovered.
- **ALWAYS** use proper hoisting equipment for heavy loads. Regularly check hooks, cables, shackles and chains for stretch and wear. Never overload hoists, cranes or other lifting devices.

OPERATIONAL SAFETY

NOTICE

- Safety warnings are required to be displayed in the area of the DEF dispensing equipment.
- All personnel involved in the handling and storage of DyMac Global ACV-DEF Cubes must have, or be supervised by those who have, adequate knowledge, experience, and training in the handling of DEF and in accident prevention and response.
- Ensure DyMac Global ACV-DEF tanks are stored away from areas with heavy vehicle traffic.
- Read and keep the maintenance instruction supplied with all the equipment you will be using with tank.
- All fittings, pumps, valves and hoses must be monitored for leaks regularly.
- Ensure that safety instructions and warnings attached to the equipment are always complete and perfectly legible.
- Keep warnings and instruction labels clean and up to date.
- Only use approved DEF pumps with the tank, and ensure that the pumps are installed near the supply tank.
- Ensure a cleared working space is allowed around the DyMac Global ACV-DEF Cubes.
- Only fill this tank with DEF, no other liquids.
- Regularly check the suction filter on the suction lines and clean if necessary.

TRANSPORTATION AND HANDLING

FORKLIFT GUIDELINES

The ACV-DEF-211G to ACV-DEF-436G may be transported using a forklift of 3-ton capacity or higher. Using forklift pockets 3 and 4 (Figure 1), the tank may be transported both full and empty. The tank may be transported *empty only* using forklift pockets 1 and 2. The tank may be transported full on the highway.

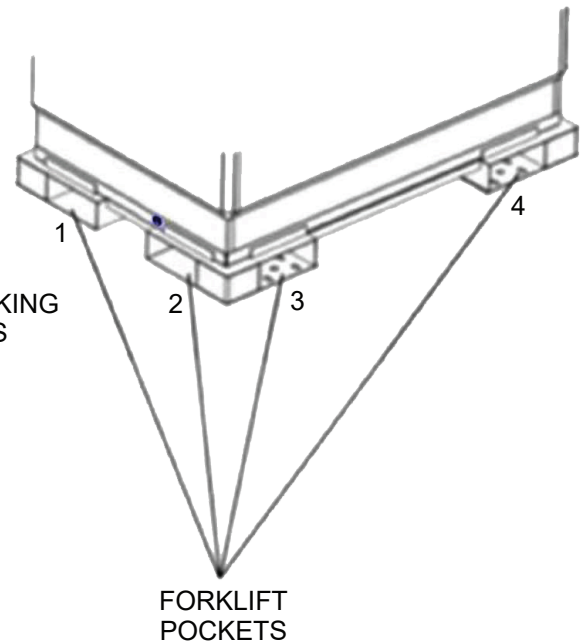
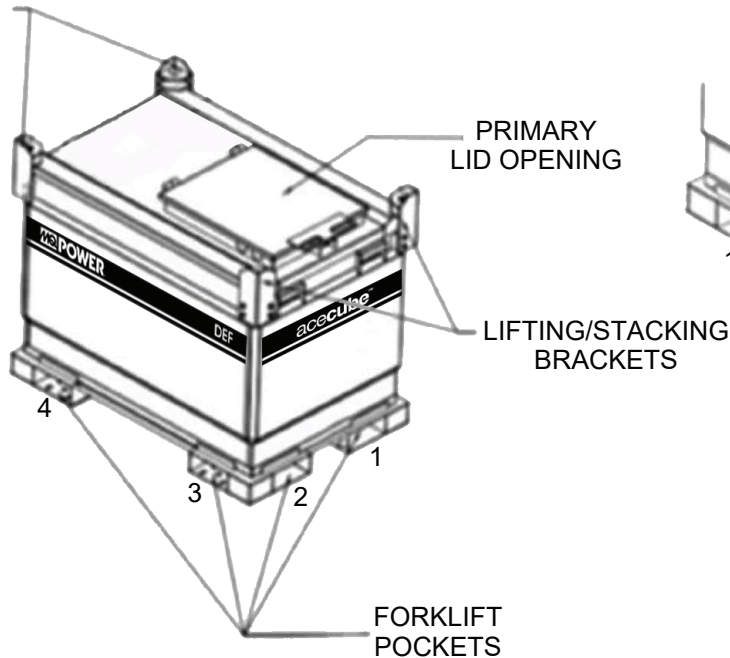
The ACV-DEF-211G to ACV-DEF-436G Cube may be stacked 2 units high with both units full, and 3 units high with the bottom unit full and the top 2 units empty.



WARNING

Only properly trained and licensed forklift operators who have knowledge of hazardous material handling should transport AceCube. Failure to adhere to this could result in serious injury or death.

LIFTING/STACKING
BRACKETS



NOTE: IMAGE MAY NOT REPRESENT YOUR EXACT TANK MODEL.

Figure 1. Forklift Pockets

TRANSPORTATION AND HANDLING

TOP LIFT BY CRANE

This tank has been tested in accordance with the testing criteria of UN31A/Y for safe lifting by crane from its top lifting points when the tank is full of liquid. Please check the MPMG stated on the tank's data plate to ensure the correct lifting slings/chains and crane are used for this top-lift process. Ensure that the tank is free from any obstructions and follow local safe lift precautions.



WARNING

Only properly trained and licensed crane operators who have knowledge of hazardous material handling should transport AceCube. Never allow anyone to place any part of their body beneath a lifted load. Only use approved lifting cranes and hardware whose maximum weight limit exceeds 3 tons.

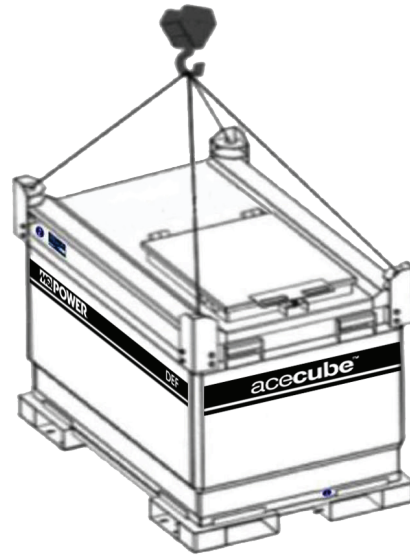
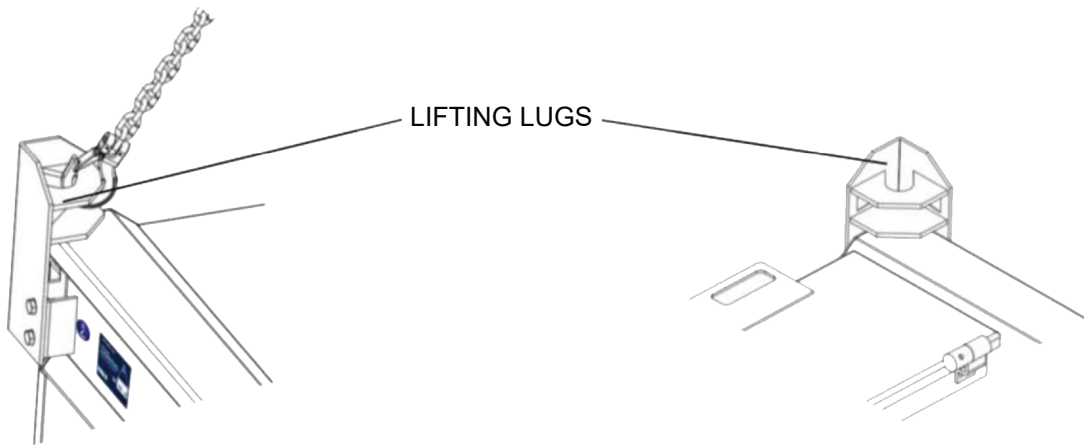


Figure 2. Top Lift By Crane



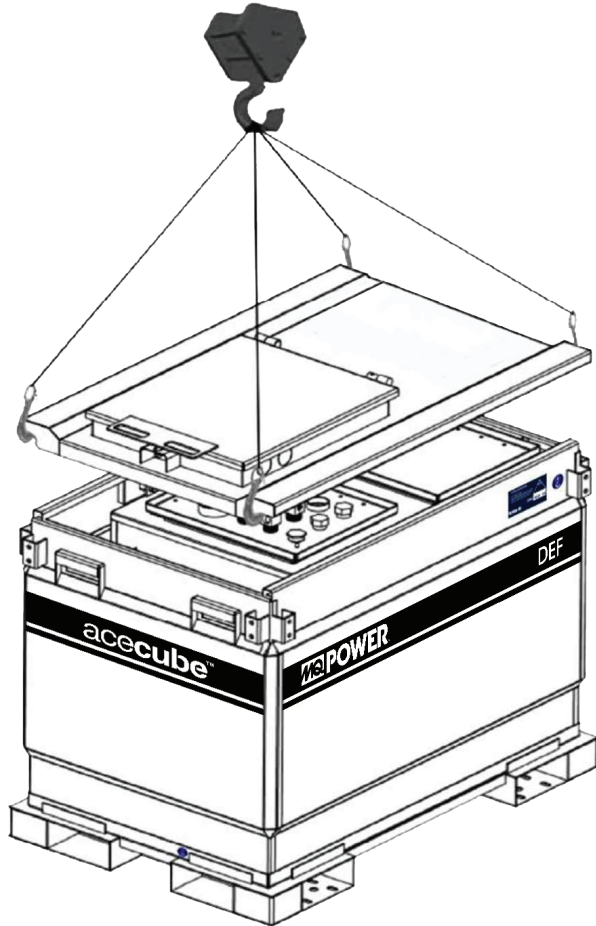
NOTE: IMAGE MAY NOT REPRESENT YOUR EXACT TANK MODEL.

Figure 3. Lifting Lugs

TRANSPORTATION AND HANDLING

LIFTING THE TANK LID

1. Remove all four stacking corners.
2. Lift the lid at all four corners using a crane with hooks on the ends of the slings (Figure 4).



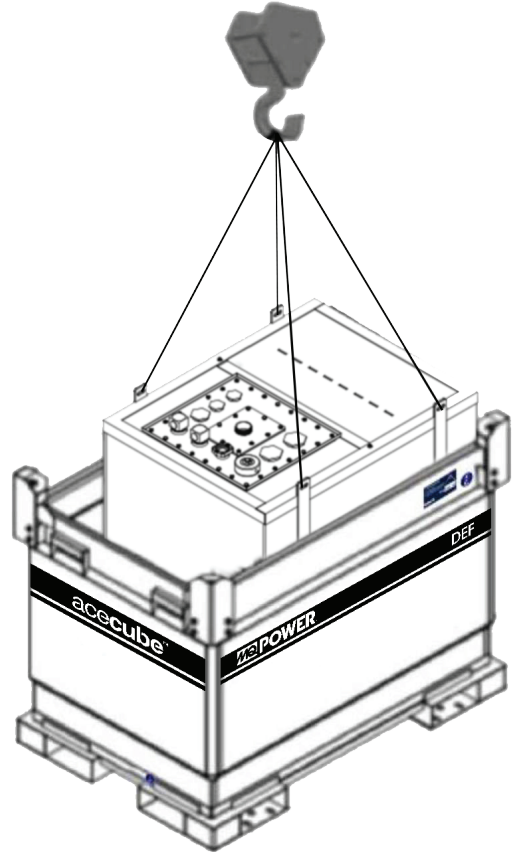
NOTE: IMAGE MAY NOT REPRESENT YOUR EXACT TANK MODEL.

Figure 4. Lifting The Tank Lid

REMOVING THE INNER TANK

WARNING

Only remove inner tank when empty.



NOTE: IMAGE MAY NOT REPRESENT YOUR EXACT TANK MODEL.

Figure 5. Removing The Inner Tank

WARNING

Only properly trained and licensed crane operators who have knowledge of hazardous material handling should transport AceCube. Never allow anyone to place any part of their body beneath a lifted load. Only use approved lifting cranes and hardware whose maximum weight limit exceeds 3 tons.

Table 1. Dimensions		
Model	ACV-DEF-211G	ACV-DEF-436G
Height in. (mm)	51 (1,295)	51 (1,295)
Width in. (mm)	43 (1,099)	46 (1,179)
Length in. (mm)	64 (1,643)	102 (2,613)

COMPONENTS AND FUNCTIONS

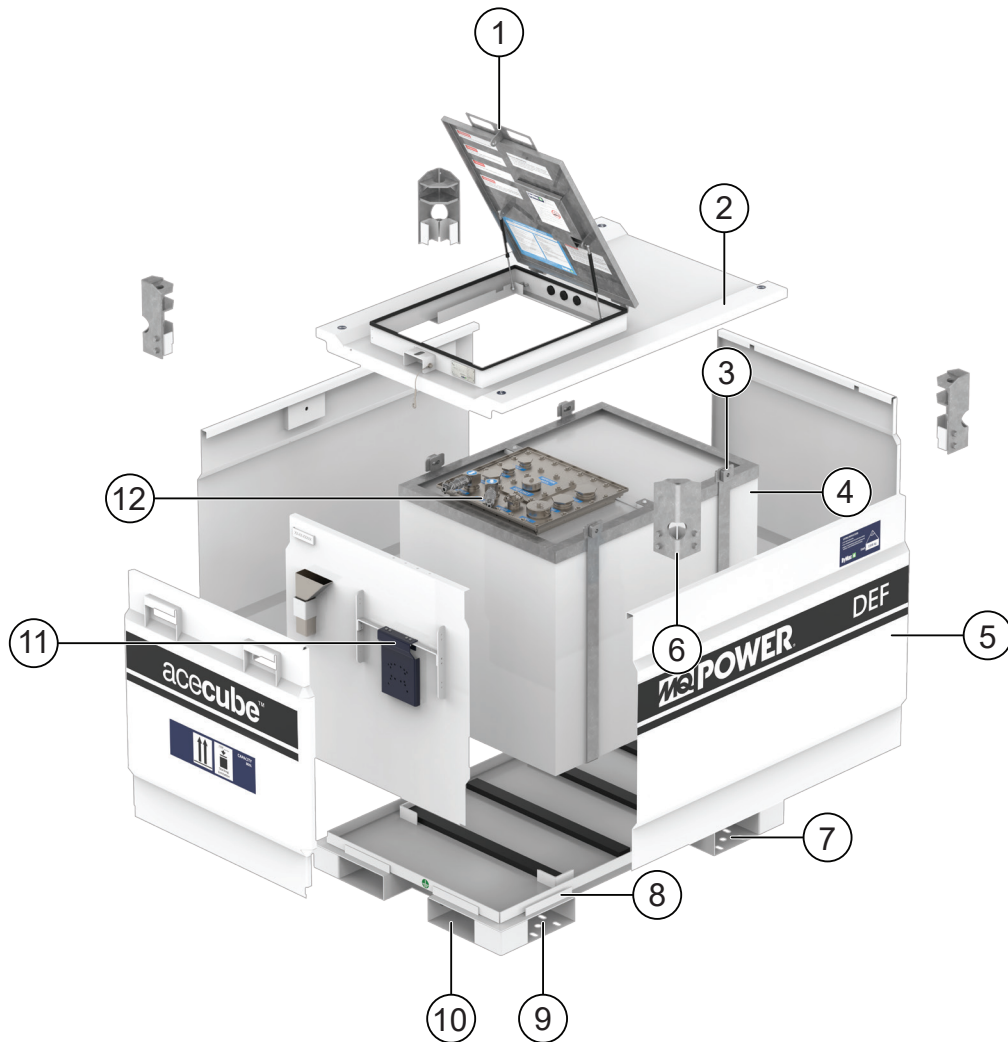


Figure 6. Assembly Components

Table 2. Assembly Components	
Item No.	Description
1	Primary Hatch Lid
2	External Lid
3	Lifting Ports for Inner Tank
4	Inner Tank
5	External Bund
6	Stacking Corner with Lifting Point
7	Bi-Directional Forklift Pocket
8	Base Frame
9	Road Trailer Connection
10	Forklift Pocket
11	Removal Universal Bracket Plate
12	Primary Hatch Fitting

COMPONENTS AND FUNCTIONS

PRIMARY FITTING PLATE	LEVEL GAUGE
 A rectangular metal plate with various fittings and labels. Labels include: SUCTION, SPARE, ADDITIVE ONLY, FILL, GAGE, INJECTION, and VENT. There are two blue hoses connected to the bottom, a pressure vent on the right, and a fill cap in the center.	 A mechanical gauge with a blue face and a long, thin rod extending from the bottom. A black float is attached to the top of the rod. Rochester Gauge
 A circular metal component with a black top and a silver base. Pressure Vent	 A green cylindrical component with a silver top and a small metal rod protruding from the center. 3" Fill Cap
	 A rectangular metal component with a black top and a red bottom. A large black arrow points downwards on the top surface. Suction

Figure 7. Hatch Plates Parts

PARTS DESCRIPTION

Inner Tank — A primary storage tank made of poly plastic, having all fuel transfer accessories and externally encased within an outer bund tank.

Outer Tank — Outer bund is designed to contain 110% of the inner tank volume it surrounds. Wraps the main inner tank unit and has the interstitial space between inner and outer tanks. Therefore any potential leak that may occur will be captured in this sealed space, preventing release to the environment.

Top Lid — The top plate used to cover the inner tank.

Fill — Fill inlet is used to fill the inner tank in a secure way, without sparks or spillages. Automatic or manual nozzles can be used for filling.

Suction — Feeding of the engine (through a pump). Suction pipe provided up to the level of 100 mm above from the bottom of the inner tank is used to withdraw liquid from the inner tank to the outlet unit (genset/engine).

Normal Vent — Relieves vacuum and pressure of liquid as it expands and contracts.

Level Gauge — Rochester gauge indicates the level of liquid contained in the tank to measure or evaluate the remaining *quantity* of liquid in the tank.

COMPONENTS AND FUNCTIONS



Figure 8. Hatch Plates And Top Lid Parts

PARTS DESCRIPTION

Fill — 3" BSP SS external threaded pipe with 3" BSP fusible cap.

Level Gauge — Rochester level gauge with bolted-type adaptor.

Suction — 1.5" BSP pipe block with 0.75" port and SS metal stopper, 0.75" feed HDPE downpipe with foot valve and 1.5" internal threaded coupling.

Suction — 1.5" BSP pipe block with 0.5" port and SS metal stopper, 0.5" feed HDPE downpipe with foot valve and 1.5" internal threaded coupling.

Pressure vent — 2" NPT internal threaded coupling with 2" pressure vent.

Spare — 2" BSP internal threaded coupling with 2" SS plug.

Spare — 1" BSP internal threaded coupling with 1" SS plug.

Spare — 2" BSP external threaded coupling with 2" plastic cap.

Spare — 2" BSP internal threaded coupling with 1.5" SS plug.

Table 5. Inspection/Maintenance	Daily	Weekly	Monthly
Check DEF level.	X		
Look for any major leakages.	X		
Inspect hoses, valve, and coupler for damage/leaks.	X		
Inspect electrical wires, terminal and connections for damage and disconnections.	X		
Visually check the bund tank to see that there have been no leaks from the primary tank or spills during liquid transfers. If any liquid is found in the bund tank, pump it into an approved container, seal and dispose of it in accordance with local regulations.		X	
If the inner tank is found to contain material unable to be pumped out, it is recommended to remove the inner tank and wash out the outer tank in a secure banded area without run-offs.		X	
Lubricant spring bolts, hinges, and locks.			X
Clean out pump and line filters and strainers.			X
Visually inspect tank, hoses, valve, pump and other components for cracks, corrosion and leaks.			X
Empty and clean tank.			X

CLEANING INSTRUCTIONS

1. Start cleaning process after emptying DEF from inner tank into an approved receptacle.
2. Clean the inside of the outer tank (bund tank). Remove all debris and liquids.
3. Clean out any residue from inside the inner tank.
4. Pressure wash both inner and outer tanks, drain and dry.
5. It is recommended that after the tank has been cleaned, a leak inspection is performed:
 - Replace pressure/vacuum relief valve with a plug.
 - Secure all bolts to ensure that there is no leakage.
 - Install new pressure/vacuum relief valve with a plug for the leak test.
 - Keep all records of testing with the unit.

RECOMMENDED MATERIALS

To avoid contamination of DEF and to resist corrosion of the devices used (tanks, feed pipes, valves, fittings, gaskets, hoses, etc.), all materials in direct contact with DEF during handling, transportation, and storage, including sampling, shall be compatible with DEF.

All DEF Tanks supplied by DyMac, together with all wetted components are manufactured from DEF resistant materials, compliant with ISO 22241.

It is the responsibility of the user of the tanks to ensure that the correct materials are used while using tanks for storage of DEF.

Examples of materials recommended for use with DEF as per ISO 22241-3 are found below in Table 3. Users can select materials for pumps, hoses and fittings based on Table 3.

Table 3. Recommended Materials	
Sr. No.	Material
1	Austenitic Cr-Ni, Cr-Ni-Mo, and Cr-Ni-Mo-Ti stainless steels
2	Titanium
3	Ni-Mo-Cr-W superalloys
4	Polyethylene (PE)
5	Polypropylene (PP)
6	Polyisobutylene (PIB)
7	Perfluoro alkoxy alkane (PFA)
8	Polyfluoroethylene (PFE)
9	Polyvinylidene fluoride (PVDF)
10	Polytetrafluoroethylene (PTFE)

SHELF LIFE

Throughout the entire distribution chain, DEF is expected to remain within the specifications given in ISO 22241-1 for at least the time periods specified in Table 4 as a function of the constant ambient temperature at which the DEF is stored.

Table 4. DEF Shelf Life	
Constant ambient storage temperature °F (°C)	Minimum shelf-life months
≤50 (≤10)	36
≤77 (≤25)	18
≤86 (≤30)	12
≤95 (≤35)	6
>95 (>35)	Significant loss of shelf life: check every batch before use

DEF HANDLING TIPS

Temperature

DEF starts to freeze at 12°F (–11°C) and can expand up to 7% when frozen. In cold weather, tanks that may freeze should be kept at less than full to allow for expansion. While freezing does not change DEF effectiveness, you should ideally store DEF between 15°F and 77°F (–9°C and 25°C). Also, urea will decompose if exposed to long periods of direct sunlight.

- If your DEF does freeze, **DO NOT** put additives in the tank. This will throw off the concentration of the fluid and can damage your SCR system. DEF tanks can be supplied with a heating element that can thaw the fluid. Otherwise, wait until thawed.

Storage and Dispensing

- On-spec DEF should be stored in dedicated tanks. Avoid switching DEF products in bulk tanks without a thorough cleaning and rinse with distilled or deionized water.
- Prevent dirt or debris contamination during transfer from a drum or bulk tank by using a closed-loop system designed specifically for DEF versus open systems. This can also help prevent crystallization due to exposure to air.
- Use dedicated equipment and containers when putting DEF into a tank. Avoid cross contamination from funnels, hoses, or other containers used for other fluids.

- Since DEF has corrosive properties, **DO NOT** use with brass or copper containers or hardware. Plastic or stainless steel are always best for handling DEF. Pump fittings, hoses and components containing zinc, chrome, brass, nickel, or aluminum can corrode and contaminate your DEF.

- Follow stringent housekeeping by cleaning any equipment used to dispense DEF with distilled or deionized water (not tap water) and followed by a DEF rinse.

SPILLAGE OF DEF

Although classified as non-hazardous, DEF liquid, when spilled, will form crystals and creep. If left unattended, this will create a slippery surface. All spillages of DEF liquid must be reported immediately.

- If DEF is leaked into the drainage system, flush liberally with plenty of water.
- Use a soft cloth and water to remove small DEF spillages on the dispenser/vehicle.

When DEF freezes (typically occurring at temperatures below 14°F/–10°C), the solution can turn into a solid mass, causing it to clog up.

Crystallization in DEF can happen for various reasons, but it's commonly due to either temperature changes or poor storage conditions.

MAINTENANCE OF DEF TANKS

In order for DEF to work correctly and not crystallize, you need to maintain its pump and hoses; this means cleaning these areas once the supply has been turned off. Proper emptying of the hose connection is the primary way to prevent any problems from occurring, including crystallization.

We suggest getting in the habit of cleaning the tanks and hose connection as often as needed. This will help you get the best use out of DEF product since there will be far less wastage.

Store DEF in a warm place. This is the best way to keep the solution efficacious and in optimum condition. However, where this isn't possible, you can wrap the tank in an insulating material which will help to retain heat.

It's important to remove DEF crystals regularly.

REMOVAL OF DEF CRYSTALS

DEF crystal buildup can occur over time and lead to significant damage if left unchecked. Keep your tank in top condition by following the steps below. Remember to perform this maintenance regularly.

- To start, you will need several materials, including gloves, safety glasses, DEF removal solution, a funnel, and a container.
- Make sure to wear gloves and safety glasses when working with DEF and DEF removal solution.
- Once you have gathered your materials, begin by locating the DEF system components, which include the DEF tank, pump, hoses, feed pipes and filter.
- The next step is to empty the DEF tank completely. Use the funnel and container to catch the fluid and make sure to dispose of the DEF properly, as it can be harmful to the environment.
- After that, use the DEF removal solution to flush the tank and tank components. You may need to use a spray bottle or pump to apply the solution to the tank and tank components.
- Once you have flushed the tank, refill the DEF tank with fresh DEF solution.
- Make sure to use the appropriate amount of fluid, as recommended by the manufacturer.
- It's also important to use a correct DEF removal solution, as using improper products may cause more harm than good.

TANK INSPECTION AND MAINTENANCE

HDPE tanks need to have routine and careful visual inspections. Inspecting the tank annually will help to ensure the safety of personnel and increase the life span of DEF tanks.

All DEF tank inspections must be performed against the approved drawings, specifications, and standards, and according to any applicable legislation.

1. Empty the storage tank. Wash the tank with approved DEF removal solution. Thoroughly clean the exterior and interior of the tank. A dirty tank cannot be properly inspected.
2. Visually examine the exterior and interior of the tank for signs of cracking, crazing, or brittle appearance.
3. Check the areas around fittings and where different portions of the tank converge into one another. Pay special attention to corners.
4. Inspect the interior of the storage tank. Use a bright light source to inspect the tank interior from the manway opening. An interior inspection is essential because stress cracks can often show up on the inside of a tank before appearing on the outside.
5. Perform a leak test as specified below to find any leaks around tank joints and surface.
 - Assemble fitting plates to tank and close all the ports by blind plugs.
 - Tighten all inlet/outlet ports to avoid leakages.
 - Ensure proper sealant or gaskets are placed wherever applicable.
 - Use properly sized bolts with spring washers or plain washers as per manufacturer drawing.
 - Tighten the bolts with a torque wrench.
 - After complete assembly, pressurize the tank to 2 psi using an air line connection.
 - Hold pressure in the tank for 15 minutes. If there is any pressure drop, apply soapy water around the fitting plate and all tank welding joints and check for leakages.

- If leakages are found, then retighten the bolts and check threading and repeat the test until there are zero leakages. If leakages are found in weld joint of tank surface, then spots need to be identified and repair needs to be done.
 - Clean the tank by applying hot air or with clean rags after the test.
 - 6. Check fittings, hoses, gaskets, and all connections for any signs of general corrosion or deterioration and leaks. Replace where necessary.
 - 7. Check the vents and feed piping and make sure they are functioning properly.
 - 8. Confirm that filling the tank from tanker trucks does not cause over-pressurization and does not end with a line purge that “balloons” the tank.
 - 9. Ensure the bund area of the tank is in good condition.
- It is important that the gauge needs to be connected directly to the tank without any valves.
 - Apply internal air pressure of 2 psi (13.8 kPa).
 - Hold for 10 minutes. Observe the gauge for any pressure drop. Apply soapy water around the fitting assembly and all welding areas of the tank and check for leakages. Mark the locations of any leaks.
 - Leakage locations must be repaired and retested.
 - Capture video and photos of testing for record.
 - Record the test date details on the **Statutory Inspection and Maintenance Record** log sheet (page 20).
 - Clean the tank by applying hot air.
 - Carefully lower the tank back into the bund, making sure to keep everything correctly aligned.
 - Allow the lifting equipment to take the weight of the tank until each corner bracket and each side tank clasp has been replaced and secured with their respective bolts.
 - All securing bolts should be fully tightened.

PRESSURE TESTING

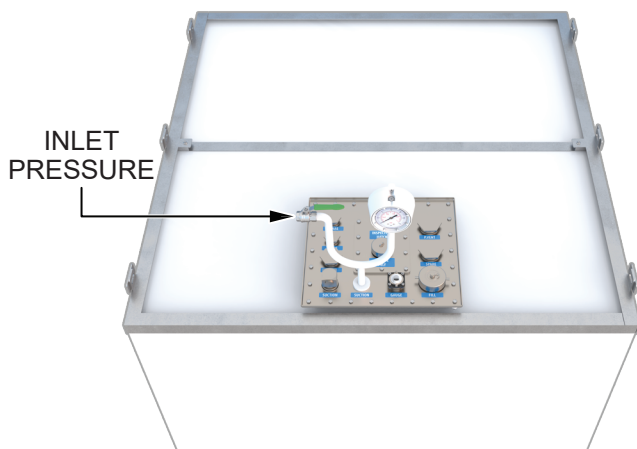


Figure 9. Inner Tank Pressure Testing

- The pressure test must only be performed under the supervision of a competent person.
- Barricade the area to restrict movement and display caution signs to alert people.
- Use calibrated pressure gauge during pressure testing.
- Pressure gauge should have lower limit and upper limit between 1.5 and 4 of the pressure test value.
- Gauges need to be placed at high points of the tank in a position where it is possible to purge air pockets while the tank is filling.

STATUTORY INSPECTION AND MAINTENANCE RECORD

It is a legal requirement that the user of the ACV-DEF tank ensures that periodic inspections are carried out at the statutory intervals of 2½ and 5 years by an approved authority. The Periodic Inspection Report will then be issued and the plate duly stamped.

Record details of your unit below:

OWNER DETAILS		MODEL NO.	
		DYMAC SERIAL NO.	
		DATE OF MANUFACTURE	
		OWNERS REF	
DATE OF NEXT INSPECTION	DATE CARRIED OUT	INSPECTION BODY	LOCATION OF INSPECTOR / TEST

It is a legal requirement that the owner of the ACV-DEF carries out regular inspections and ensures that a record of each inspection is kept. Where fault is found, the unit must be removed from service until the fault is rectified and the unit is retested successfully.

DECLARATION OF CONFORMITY

We declare that the products listed are named as follows:

- AceCube Versatile DEF

Comply in whole or in part with the following standards:

- Lifting when Full
- Pressure Tested
- CE Marked

Product Description: Bulk Fuel Storage Tank Design

Issue Date : 05/09/2024

Checked Date : 06/09/2024

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Director, Signed



Quality Manager, Signed



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OPERATION MANUAL

HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL
NUMBER ON-HAND WHEN CALLING

UNITED STATES

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Multiquip

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This manual MUST accompany the equipment at all times. This manual is considered a permanent part of the equipment and should remain with the unit if resold.

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