

# KleeBlue™

Your Total DEF Storage & Dispensing Equipment Solution



## Distributor Bulk Storage & Dispensing Systems

1,000 - 20,000 gallon



# KleerBlue Bulk Storage & Dispensing Systems for DEF Distributors

## 1,000 to 20,000 Gallon Bulk Tank Solutions

As the demand for DEF has grown, many distributors are turning to KleerBlue to help them expand their storage facilities. KleerBlue has a long history of handling bulk chemicals. They can provide the experience and expertise you need to help you create a system that makes the most economic sense from the time you offload DEF to final delivery.

Whether you need simple storage and dispensing solution, a fully automated facility with blending and dilution or something in between, KleerBlue can make your goals a reality. We have a full team of in-house engineers and knowledgeable staff ready to work with your team to provide you with the equipment you need to take your business to the next level.

### Design a Bulk System around Your Exact Needs

Between your facility, business model and DEF demand, the solution you need will be unique to you.

- KleerBlue offers tanks from 1,000 to 20,000 gallons from a variety of manufacturers to give you both the tank size and capacity you need for your facility.
- Tanks can be manifolded together to increase storage capacity.
- Fill inlets & discharge outlets can be located at the top or base of the tank.

### DEF Dispensing for Every Scenario

Whether you are looking to repackage DEF, fill customer containers or vehicles or fill your own diesel vehicles, KleerBlue has a solution to meet your needs. KleerBlue offers a variety of dispensing solutions at various flow rates, price points and levels of portability depending on your requirements.

- KleerBlue's 115 volt 2-Wheel Portable Carts offer flow rates of 18-39 GPM. They can be Weights & Measures approved and can be used for top or bottom withdrawal.
- KleerBlue's self-contained Portable Delivery skids provide flow rates of 50-70 GPM. They are all Weights & Measures approved and offer several powering options.



Portable Delivery Skid

2-Wheel Portable Cart



## Systems You Can Rely On

KleerBlue has 60+ years of experience building complex systems for storing and dispensing chemicals including urea, a major component of DEF. That's why you can rest assured you're getting the right product and the best value with KleerBlue.

- The tank design features mechanical overflow protection, pressure relief and properly designed ventilation.
- The tough HDLPE polyethylene wall is UV protected, corrosion proof and impact resistant.
- Standard tanks are single-walled UV stabilized HDLPE polyethylene flat bottom tanks. Double-walled tanks are also available.
- Optionally, KleerBlue bulk poly tanks can be built to ASTM D1998 specifications.

## Optional Tank Features

Need something other than the standard system? Consider these options:

- Digital alarms and tank gauges can be added for increased volume oversight.
- Factory-installed insulation & heating can be added for outdoor applications.
- Tank straps, wind & seismic restraint systems can be added for increased stabilization.

## Receive DEF

Need to move DEF around your facility? Consider these options:

- KleerBlue's Fixed & Portable Transloading Systems can offload rail cars.
- KleerBlue's Automated Blending/Dilution systems allow you the option to receive Prill or 50% urea DEF.
- KleerBlue DEF Facility Stationary Filling Systems offer multistage pumping capabilities to do everything from offloading/loading railcars and transports to filling drum and totes.
- Portable Delivery Skids can be used for filling and dispensing DEF from tanks. They offer the advantage of an incorporated



# Want something with more curb appeal?

Check out our Ultra Series Bulk Tanks.

[www.KleerBlueSolutions.com](http://www.KleerBlueSolutions.com)

## Product Specifications



### Standards & Approvals:

- ISO 22241 - 3 & 4
- PEI RP1100
- Option: ASTM D1998



### Operating Temperature:

- -40°F/-40°C to 120°F/48°C (With optional insulation & heating)



### Size & Dimensions:

- Dimensions vary based on tank size and manufacturer. Call for details.



### Tank:

- UV stabilized
- HDLPE polyethylene vertical flat bottom
- Single wall
- Option: Double wall



### Insulation & heating:

- Option: Factory-installed R16 insulation
- Option: Factory-installed heat trace system



### Security/Accident Prevention:

- Tank vents
- Manway
- Option: Tank straps
- Option: Wind & seismic restraint system
- Option: Digital tank level gauge
- Option: Visual & audible high product alarm



### Fill & Discharge Fittings:

- 2" stainless steel ball valve fill port
- Option: 2" stainless steel drybreak (Parker, OPW or TODO)
- Option: Insulated and heated inlet plumbing
- Option: Manifolder piping connections for fill & discharge



### DEF Unloading/Loading:

- Option: DEF Facility Stationary Filling Systems
- Option: Rail Car Transloading Systems



### DEF Blending/Dilution:

- Option: Automated Blending/Dilution Systems



### DEF Repackaging:

- Option: DEF Facility Stationary Filling Systems
- Option: 4' x 4' Portable Delivery Skids
- Option: 2-Wheel Portable Delivery Carts



### DEF Delivery:

- Option: 4' x 4' Portable Delivery Skids
- Option: 2-Wheel Portable Delivery Carts



### Assembly:

- Onsite assembly required.



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