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.
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 wall UV stabilized HDLPE polyethylene flat bottom tanks. Double wall tanks are also available.

• KleerBlue bulk poly tanks are built to ASTM D1998 specifications. Commercial-grade tanks are available.

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 rail cars 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 generator & portability via forklift or flatbed vehicle.
Want something with more curb appeal?
Check out our Ultra Series Bulk Tanks.
www.KleerBlueSolutions.com

Product Specifications

Standards & Approvals:
- ISO 22241 - 3 & 4
- PEI RP1100
- 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 2” polyfoam insulation
- Option: Factory-installed Delta T-50 heat system

Security/Accident Prevention:
- 3” Tank vent
- 18” Access Manway
- 2 Extra 2” openings on top of tank
  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: Manifolded 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:
- Tank wrap for shipping
- Onsite assembly required. Instructions included.