

KleerBlue™

DEF Storage & Dispensing Systems



Commercial Fueling Island-Friendly Mini-Bulk Systems

400 & 1000 gallon



KlerBlue Commercial Fueling Island-Friendly Systems

400 & 1000 Gallon Mini-Bulk Turn-Key Solutions

Looking for a compact, all-in-one DEF storage and dispensing solution that will withstand the most extreme temperatures? Look no further than KlerBlue's Commercial Fueling Island-Friendly patented 400 & 100 gallon systems. These turn-key units can be installed quickly, require a small footprint, and can be strategically placed for lane fueling.

KlerBlue offers several systems tailored to farms, agribusinesses, rental companies and other DEF users. Of those, KlerBlue's turn-key 400 & 1000 gallon mini-bulk systems are the quickest and simplest to install so you can begin dispensing DEF right away. KlerBlue's all-in-one Commercial Fueling Island-Friendly systems stand out from other similar systems in the marketplace. Because DEF freezes at 12°F, it requires special insulation and heating considerations to ensure you can continue to fill vehicles even in the most extreme temperatures. With KlerBlue's Commercial Fueling Island-Friendly systems, you can be confident you can dispense DEF whenever needed.

Service Vehicles Even In Extreme Cold

Since DEF requirements have come into effect, KlerBlue's systems have proven to be the industry's most reliable, even during the harshest winters.

- Each tank system features 2 heaters controlled by an automatic thermostat - a primary heater and a backup heater in case of heating failure.
- R16 industrial-grade insulation on sides, bottom and top of tank is not only easier on the heaters, it ensures that even in the event of a power failure DEF will stay in liquid form for days. This means when power comes back on, you're ready to go. It also protects against extreme heat.

Integrate Into Your Existing Operations

Don't spend extra money trying to make your DEF solution work with your current site infrastructure.

- Each KlerBlue mini-bulk system is engineered to fit on a standard fueling island.
- The included KlerBlue commercial dispenser can be equipped with an optional pulse output to interface to your Fuel Management System (FMS).
- Optionally, the tank can supply a remote dispenser and/or a 3rd party dispenser.





Protect Your Investment & Against Leaks

Thanks to our 60+ history in the oil, gas & agriculture industries, we understand the beating your equipment can take between day-to-day wear-and-tear and harsh weather. That's why our equipment was engineered to withstand the most challenging environments.

- The tank design features mechanical overflow protection.
- Secondary containment design ensures even in the unlikely event of a leak, the liquid will stay between the inner and outer walls.
- The tough HDLPE polyethylene outer double wall is UV protected, corrosion proof, and impact resistant.
- Lockable ball valve in a lockable fill access compartment protects against possible DEF theft.
- The all-in-one nature of the system allows you to relocate the unit and/or resell it as DEF demand grows.

Start Fueling SCR-Equipped Vehicles Quickly

Minimize installation time and costs.

- Each system comes flushed, pre-wired and ready to install.
- An anchor kit is included to help secure the unit to the ground.
- The tank includes access points to allow a fork lift to put the unit in place.

Optional Features

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

- Replace standard tank gauge with a 3rd party aboveground tank gauge including (but not limited to) Veeder Root, Incon and Centuron.
- Add pulse output to communicate with fuel management systems (FMS).
- Remove heating components for warm climates.
- Remove hose reel for smaller cabinet.
- And more! Call for details.



All KleeBlue's Fueling-Island Friendly Systems include an attached KleeBlue aluminum commercial dispenser.

To learn more about this product, talk to your sales rep or find information online at www.kleebluesolutions.com.

Need larger capacity than 1000 gallons?

Check out our bulk tank solutions for fleets.

www.KleerBlueSolutions.com

Product Specifications



Standards & Approvals:

- ISO 22241 - 3 & 4
- PEI RP1100
- CSA Listed - C22.2, U/L 508, ANSI/UL Std. No. 50
- Tank Patent No: US 9,669,991 B1



Operating Temperature:

- -22°F/-30°C to 130°F/54°C



Size & Dimensions:

- Fueling island friendly widths
- **400 gallon:** 38" width x 171" length x 62" height
- **1000 gallon:** 44" width x 171" length x 106" height
- Dimensions reflect extended cabinet commercial dispenser with hose reel



Tank Containment:

- Triple wall containment
- Single wall polyethylene primary tank
- **Double wall HDLPE polyethylene containment shell:** UVB protected, corrosion proof and maintenance free
- True 400 & 1000 gallon capacities



Insulation & Heating:

- Redundant heating
- R16 industrial-grade insulation on bottom, sides and top of tank
- **400 gallon:** 200 watt tank pad heater
- **1000 gallon:** 450 watt immersion heater
- Automatic Thermostat



Electronics:

- Two 20 amp 115V AC circuits required
- Local digital readout tank gauge mounted weatherproof/corrosion proof enclosure displaying product volume
- Dispenser specifications can be found in respective dispenser brochure



Pump:

- Submersible pump
- No priming required
- Rated for 400,000 start/stop cycles
- Up to 18 GPM (recommended max per dispenser is 10 gpm)



Security/Accident Prevention:

- Lockable fill access compartment
- 2" fill port with stainless locking valve located in sealed fill box
- Mechanical overfill prevention
- Electronics located outside of tank enclosure to eliminate vapor related problems
- Impact resistant outer tank & triple wall containment
- Primary and secondary tank vents
- Dial thermometer in the fill access compartment for monitoring tank temperature
- **Option:** High & low temperature & product alarms
- **Option:** 3rd party aboveground tank gauge including (but not limited to) Veeder Root, Incon and Centuron



Fill Inlets:

- Insulated & heated inlet plumbing
- 2" with ball valve and check valve
- **Option:** 2" stainless steel drybreak (Parker, OPW or TODO)



Dispenser:

- Custom aluminum cabinet
- Lockable dual access doors
- 2# density R4 insulation with sealed joints & easy-to-clean solid laminated panels
- 400 watt fan forced heater
- Electronic flow meter with crystal re-settable display
- Polypropylene filter housing with 1 micron filter
- Spring-rewind hose reel with 25' x 3/4" delivery hose
- Electrical box with on/off switch and timer
- **Option:** stainless steel pulse output meter (up to 100:1) with remote display



Installation:

- Forklift compatible
- Pressure-tested before shipment
- Completely pre-piped and wired
- Anchor kit



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