

# KleerBlue™

DEF Storage & Dispensing Systems



## Quick Retail Storage & Dispensing System

Warm & Cold Climate



# KlearBlue Quick Retail Storage & Dispensing System

## Quickly and Affordably Begin Selling DEF

Many DEF retail systems today require a large initial investment. For retailers unsure of customer demand, this can be a major deterrent. That's why KlearBlue now offers Quick Retail. This affordable, Weights & Measures-approved system comes with everything you need to begin offering DEF to your customers.

Systems include an empty 330 gallon tote with pump, retail dispenser, nozzles and hose. The only missing component is plumbing between the tote and dispenser. This is done to allow for fueling island OR remote dispenser configurations. As the customer demand for DEF grows, you can begin adding and replacing components without losing your initial investment.

### Configure System to your Facility

We understand each facility has it's own unique footprint. We've designed Quick Retail with exactly that in mind.

- The KlearBlue APEX or REGAL dispenser looks great at any facility.
- The dispenser offers pulse output and is compatible with most retail POS systems. It can emulate most standard 3rd party dispenser protocols.
- System does not include plumbing between tote & dispenser allowing you to place dispenser wherever it makes the most sense for your location.
- Plumbing can be provided by KlearBlue's in-house team or by a 3rd party.

### Legally Sell DEF with Minimal Investment

KlearBlue's Quick Retail System allows you to start selling DEF legally at a fraction of the initial investment cost of other systems currently on the market.

- KlearBlue APEX or REGAL dispenser is Weights & Measures-approved.
- Tote includes a self-priming submersible pump. Unlike traditional diaphragm pumps, this pump will not pump air ensuring accurate and legal retail transactions.
- Dispensers are certified by CSA to UL-508, ANSI/UL 50, CSA 22.2 No. 14-10 and 94-M199.



System includes OPW mis-fill nozzle, swivel, breakaway, 18' hose and spring rewind hose reel.



Optional insulated & heated single or dual tote enclosures.

## Secure Your Tank and Dispenser

Protect your DEF investment and ensure it's there when you need it. KleeBlue's Insulated & Heated Tote Enclosures not only shield DEF totes from the elements, they protect them from unwanted tampering and dispensing.

- The dispenser is insulated and heated ensuring operation in even extreme temperatures. KleeBlue also offers an optional tote enclosure where indoor storage is not available.
- The tote comes standard with a lockable stainless steel discharge valve reducing risk of tampering and allowing for system shutoff at the source. Dispenser cabinet can also be equipped with an optional locking handle.
- A pressure vacuum vent and pressure relief system are included on the tote to ensure proper pressure levels and a contaminant free environment.
- Tote includes an extra Micro Matic valve for additional accessory including temperature gauges.

## Maintain DEF Purity & Reduce Liability

Due to the cost of SCR engine replacement and repair, DEF purity is of the utmost importance.

- Micromatic valves are standard on the tote to ensure a closed system free of contaminants.
- The dispenser includes a 1 micron filter to ensure any contaminants potentially introduced in the plumbing are removed prior to dispensing.

## Expand System as DEF Demand Grows

Protect your investment as the demand for DEF grows in your area. KleeBlue has many options to expand storage and/or dispensing capacity without replacing your entire system.

- KleeBlue offers manifold kits that allow for chaining totes together to operate as a single tank.
- With an optional switch box, multiple dispensers can be connected to a single tote.
- KleeBlue provides a wide range of replacement storage options including mini-bulk, 2000/2600 gallon and bulk tanks with various types of insulation, heating and secondary containment options.

The KleeBlue REGAL offers an affordable warm climate solution.





# Need a switch box, tote enclosure or manifold kit?

Check out our wide selection online.

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

## Product Specifications



### Standards & Approvals

- ISO 22241 - 3 & 4
- PEI RP1100
- Dispenser: Certified by CSA to UL-508, ANSI/UL 50, CSA 22.2 No. 14-10 and 94-M199
- Dispenser: Weights & Measures approved for retail dispensing of DEF



### Operating Temperature:

- APEX Dispenser: -22°F/-30°C to 130°F/54°C
- REGAL Dispenser: 12°F/-11°C to 130°F/54°C
- Tote: Above 12°F/-11°C



### Size & Dimensions:

- 330 Gallon Tote: 47" length x 40" width x 53" height
- APEX Dispenser: 20" width x 35" depth x 57" height
- REGAL Dispenser: 18" width x 12" depth x 58" height
- Dispenser is fueling island height. Optional mounting bases and transition boxes for other configurations available.



### Dispenser Cabinet:

- Finish and Color: Gloss white & black bezel
- Frame: Powder-coated industrial grade steel
- Fittings & Hardware: Stainless steel



### APEX Dispenser Insulation & Heating:

- Redundant heating: two 800 watt heaters
- Automatic thermostat
- R5 industrial-grade insulation with FRP facing



### Meter:

- Weights and Measures approved stainless steel piston positive displacement meter
- Flow rates of up to 10 GPM/38 LPM
- 10 year limited manufacturer's warranty



### Hose & Nozzle:

- 18' total hose length, 15' usable length
- Spring rewind hose reel
- OPW mis-fill nozzle, swivel & breakaway



### Dispenser Filter:

- Stainless steel filter housing with 1 micron replaceable filters



### Dispenser Electronics:

- Emulates most standard dispenser protocols
- Integrates with most standard POS systems (REGAL Option)
- Backlit digital LCD sales, volume and price displays
- Volume display can show gallons or liters
- Nonvolatile memory
- Option: Volume only display



### Tote:

- Polyethylene tote with tubular steel frame
- Micro Matic RSV fill valve
- Bottom withdraw valve
- Three 2" NPT tank fittings
- 1" NPT locking discharge valve
- Pressure vacuum vent
- Pressure relief system



### Pump:

- 3/4 HP self-priming submersible pump



### Installation:

- Dispenser & tote come assembled
- Requires plumbing from 1" NPT discharge valve on tote to 1" NPT supply inlet on dispenser
- Requires three dedicated 120 volt 20 amp circuits
- Multiple dispensers require optional switch box



### Warranty:

- 1 year parts and labor warranty



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