

# KleerBlue™

DEF Storage & Dispensing Systems



**Apex**  
**Retail DEF Dispenser**

Warm & Cold Climate



# KlerBlue APEX Retail DEF Dispenser

## Integrates with Most Major Site Controllers & POS Systems.

Expanding your operations to include DEF can be a significant investment. Thanks to the KlerBlue APEX, you can now be confident you are getting the most for your money. The KlerBlue APEX was engineered to the highest quality standards to ensure DEF purity and low total cost of ownership. The KlerBlue APEX's proven electronics integrate with all major site controllers and POS systems. Infused with features such as longer usable hose lengths, more durable insulation and optional dual hose capability, the KlerBlue APEX offers the most value of any DEF dispenser in the market.

These dispensers are NTEP-approved by way of a Certificate of Conformance for Weighing and Measuring Devices. This superior distinction allows the dispenser to be used at locations where dispensers with 'NTEP-approved components' are not sufficient to meet regulations.

### Integrate Into Your Existing Operations

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

- The KlerBlue APEX is designed to emulate standard protocols and work with most major site controllers and POS systems.
- Conserve fueling island space with optional dual hose capability.
- Attach to aboveground fueling island-friendly tank such as KlerBlue's Mini-Bulk Tanks.
- Supply remotely via aboveground bulk tank or underground tanks.

### Service Customers 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 system features 2 heaters controlled by an automatic thermostat- a primary and a backup in case of heating failure.
- Added heating fans ensure heat is evenly circulated throughout the unit.
- The dispenser includes industrial-grade insulation to minimize the amount of time the heater needs to run.





## Enjoy Low Maintenance & Low Total Cost of Ownership

Thanks to our 25+ history in the PEI industry, we understand the beating your equipment can take between day-to-day wear and tear, weather, and customer abuse. That's why our equipment was engineered to withstand the most challenging environments.

- The dispenser was engineered with minimal moving parts to reduce risk of downtime.
- With the dispenser's modular design, damage done to one part of the dispenser can be quickly repaired without replacing the entire unit.
- A vapor barrier exists to prevent electronics corrosion.
- To reduce the risk of weather damage, the cabinet was constructed with heavy-duty weather-resistant materials.
- The KlearBlue APEX's meter is the most durable in the industry, offering a 10 year limited manufacturer's warranty.

## Take Comfort in 100% DEF Compatibility

Every part of the KlearBlue APEX adheres to DEF standards to reduce your overall risk of DEF impurity.

- 1 micron replaceable filters provide the highest level of protection against impurities.
- All metal wetted parts including the meter are stainless steel - a requirement for DEF compatibility.

## Get the Most Value for Your Money

What makes the KlearBlue APEX different from the competition? The answer is in the details.

- The unit includes 15' of usable hose length on a spring rewind hose reel for added reach.
- The included meter is the most accurate volumetric meter in the world including low flow rates.
- The insulation is FRP faced for added durability, longevity and ease of internal maintenance.
- Heating components can be removed for warm climates.
- The door switch activates the dispenser and pump for easy operation.



Have a preferred nozzle? The KlearBlue APEX is compatible with all industry-standard stainless steel nozzles.

# Need DEF storage tanks to supply your dispenser?

Check out our aboveground mini-bulk and bulk tank solutions.

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

## Product Specifications



### Standards & Approvals:

- ISO 22241 - 3 & 4
- PEI RP1100
- CSA Listed to UL-508 & CSA 22.2
- NTEP Certificate 09-082A3 (Weights & Measures)



### Operating Temperature:

- -22°F/-30°C to 130°F/54°C



### Size & Dimensions:

- 33.75" width x 30" depth x 58" height
- **Option:** Dual-sided configuration



### Dispenser Cabinet:

- **Base:** Black powder-coated galvanized steel
- **Top Electronics Cabinet:** Black powder-coated galvanized steel. Optional brushed stainless steel.
- **Vertical Side:** Brushed stainless steel
- **Large Access Panel:** White powder-coated galvanized steel
- **Nozzle Access Door:** Brushed stainless steel
- **Option:** Alternate powder coating colors available



### Heating & Insulation:

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



### 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



### Electronics:

- Emulates most standard dispenser protocols
- Integrates with most standard POS systems
- Backlit digital LCD sales, volume, and price displays
- Volume display can show gallons or litres
- Dispenser & pump are activated when nozzle door is opened. Transaction is complete when nozzle door is closed.
- Built-in pump power relay
- Nonvolatile memory
- **Option:** Volume only display
- **Option:** One non-resettable 6 digit electromechanical totalizer located in the bezel for inventory control (per side)



### Hose & Nozzle:

- 18' total hose length, 15' usable length
- One spring rewind hose reel (per side)
- Accepts most stainless steel nozzles. Specify when ordering.



### Supply Inlets:

- **Single Sided:** 3/4" NPT or hose barb
- **Dual Sided:** 1" NPT or hose barb



### Filter:

- Stainless steel filter housing with 1 micron replaceable filters
- One filter per hose



### Installation:

- One 20 amp circuit, and one 15 amp circuit required



### Warranty:

- 1 year parts and labor warranty



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