



# DEF EQUIPMENT CATALOG





DEF Pumps and Equipment are compliant with ISO 22241 requirements of materials of construction

1/1/2015 Part Number Description Details



## DEF DRUM SOLUTIONS

For Dispensing DEF from IBC Drum Packaging

### DRUM PUMP SYSTEMS (Drum Not Included) - REQUIRES DRUM COUPLER FLTDEF756-008B Except Lever

	FLTDEFTB10MN	<b>1/3 HP Diaphragm Pump - 10' Hose w/ Polypropylene Manual Nozzle</b> <b>Drum and Tote Applicable</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Polypropylene Manual Nozzle, 4' suction hose, 10' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEFTB20MN	<b>1/3 HP Diaphragm Pump - 20' Hose w/ Polypropylene Manual Nozzle</b> <b>Drum and Tote Applicable</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Polypropylene Manual Nozzle, 4' suction hose, 20' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEFTB10SN	<b>1/3 HP Diaphragm Pump - 10' Hose w/ Stainless Steel Automatic Shut-off Nozzle</b> <b>Drum and Tote Applicable</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Stainless Steel Automatic Shut-Off Nozzle, 4' suction hose, 10' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEFTB20SN	<b>1/3 HP Diaphragm Pump - 20' Hose w/ Stainless Steel Automatic Shut-off Nozzle</b> <b>Drum and Tote Applicable</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Stainless Steel Automatic Shut-Off Nozzle, 4' suction hose, 20' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEF12V10SN	<b>Portable 12V Drum Pump 10' Hose w/ Stainless Steel Automatic Shut-off Nozzle &amp; Pump Caddy</b>	Diaphragm Pump: Self Priming, 12 Volt DC, Flow rate of 6-8 gpm, 12' power cord, Polypropylene pump housing, Stainless steel auto shut-off nozzle, 4' suction hose, 10' dispense hose, and carbon steel pump caddy. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEF12V20SN	<b>Portable 12V Drum Pump 20' Hose w/ Stainless Steel Automatic Shut-off Nozzle &amp; Pump Caddy</b>	Diaphragm Pump: Self Priming, 12 Volt DC, Flow rate of 6-8 gpm, 12' power cord, Polypropylene pump housing, Stainless steel auto shut-off nozzle, 4' suction hose, 20' dispense hose, and carbon steel pump caddy. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEF12V30SN	<b>Portable 12V Drum Pump 30' Hose w/ Stainless Steel Automatic Shut-off Nozzle &amp; Pump Caddy</b>	Diaphragm Pump: Self Priming, 12 Volt DC, Flow rate of 6-8 gpm, 12' power cord, Polypropylene pump housing, Stainless steel auto shut-off nozzle, 4' suction hose, 30' dispense hose, and carbon steel pump caddy. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEFR12068010	<b>DEF Lever Pump w/Hose</b> For Use with Plastic Drums ONLY	Industrial grade polypropylene housing. Flow rate 6 gpm. 10' dispensing hose. Manual nozzle with locking pin. Includes 2" bung adaptor. Should only be used on DEF drums with plastic valves. Note: This pump does not utilize the Micromat adapter or fitting.  *Drum Not Included * <b>90 Day Warranty</b> *





### MOBILE DRUM CARTS (Drum Not Included) - REQUIRES DRUM COUPLER FLTDEF756-008B

	FLTDEFTB10SNMC	<b>Mobile Drum Cart w/Pump (1/3 HP) 10' Hose w/ Stainless Steel Nozzle</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Stainless Steel Automatic Shut-Off Nozzle, 4' suction hose, 10' dispense hose, and mobile drum cart. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEFTB20SNMC	<b>Mobile Drum Cart w/Pump (1/3 HP) 20' Hose w/ Stainless Steel Nozzle</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Stainless Steel Automatic Shut-Off Nozzle, 4' suction hose, 20' dispense hose, and mobile drum cart. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEF12V20SNMC	<b>Mobile Drum Cart w/Pump (12 volt) 20' Hose w/ Stainless Steel Nozzle</b>	Diaphragm Pump: Self Priming, 12 Volt DC, Flow rate of 6-8 gpm, 12' power cord, Polypropylene pump housing, Stainless steel auto shut-off nozzle, 4' suction hose, 20' dispense hose, and mobile drum cart. Kit includes clamps for attaching hoses.  *Drum Not Included
	FLTDEFMC	<b>Mobile Drum Cart</b>	Mobile Drum Cart - Cart Only




# DEF TOTE SOLUTIONS

For Dispensing DEF from IBC Tote Packaging


## TOTE PUMP SYSTEMS (Tote Not Included) - REQUIRES TOTE COUPLER: FLTBEDEFPTDC OR FLTDEF744-048








	FLTDEFTB10MN	<b>1/3 HP Diaphragm Pump - 10' Hose w/ Polypropylene Manual Nozzle</b> <b>Drum and Tote Applicable</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Polypropylene Manual Nozzle, 4' suction hose, 10' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses. *Drum Not Included
	FLTDEFTB20MN	<b>1/3 HP Diaphragm Pump - 20' Hose w/ Polypropylene Manual Nozzle</b> <b>Drum and Tote Applicable</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Polypropylene Manual Nozzle, 4' suction hose, 20' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses. *Drum Not Included
	FLTDEFTB10SN	<b>1/3 HP Diaphragm Pump - 10' Hose w/ Stainless Steel Automatic Shut-off Nozzle</b> <b>Drum and Tote Applicable</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Stainless Steel Automatic Shut-Off Nozzle, 4' suction hose, 10' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses. *Drum Not Included
	FLTDEFTB20SN	<b>1/3 HP Diaphragm Pump - 20' Hose w/ Stainless Steel Automatic Shut-off Nozzle</b> <b>Drum and Tote Applicable</b>	1/3 HP Diaphragm Pump: Self Priming, Dual Voltage 115v60Hz, Flow rate of 7 to 9 gpm. Stainless Steel Automatic Shut-Off Nozzle, 4' suction hose, 20' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses. *Drum Not Included
	FLTDEFTBCSS10	<b>SureStop Tote Pump (3/4 HP) 10' Hose w/ Stainless Steel Nozzle</b>	3/4 HP SureStop Centrifugal Pump: On/Off function is controlled by nozzle, Time-out function, Dual Voltage 115/230v60Hz, Flow rate of 8 to 10 gpm, Stainless steel auto shut-off nozzle, 4' suction hose, 10' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses. *Tote Not Included
	FLTDEFTBCSS20	<b>SureStop Tote Pump (3/4 HP) 20' Hose w/ Stainless Steel Nozzle</b>	3/4 HP SureStop Centrifugal Pump: On/Off function is controlled by nozzle, Time-out function, Dual Voltage 115/230v60Hz, Flow rate of 8 to 10 gpm, Stainless steel auto shut-off nozzle, 4' suction hose, 20' dispense hose, Stainless steel pump bracket. Kit includes clamps for attaching hoses. *Tote Not Included
	FLTDEF12V10SN	<b>Portable 12V Drum Pump 10' Hose w/ Stainless Steel Automatic Shut-off Nozzle &amp; Pump Caddy</b>	Diaphragm Pump: Self Priming, 12 Volt DC, Flow rate of 6-8 gpm, 12' power cord, Polypropylene pump housing, Stainless steel auto shut-off nozzle, 4' suction hose, 10' dispense hose, and carbon steel pump caddy. Kit includes clamps for attaching hoses. *Drum Not Included
	FLTDEF12V20SN	<b>Portable 12V Drum Pump 20' Hose w/ Stainless Steel Automatic Shut-off Nozzle &amp; Pump Caddy</b>	Diaphragm Pump: Self Priming, 12 Volt DC, Flow rate of 6-8 gpm, 12' power cord, Polypropylene pump housing, Stainless steel auto shut-off nozzle, 4' suction hose, 20' dispense hose, and carbon steel pump caddy. Kit includes clamps for attaching hoses. *Drum Not Included
	FLTDEF12V30SN	<b>Portable 12V Drum Pump 30' Hose w/ Stainless Steel Automatic Shut-off Nozzle &amp; Pump Caddy</b>	Diaphragm Pump: Self Priming, 12 Volt DC, Flow rate of 6-8 gpm, 12' power cord, Polypropylene pump housing, Stainless steel auto shut-off nozzle, 4' suction hose, 30' dispense hose, and carbon steel pump caddy. Kit includes clamps for attaching hoses. *Drum Not Included

## DEF COUPLERS - MUST ADD TO PUMP SELECTION ABOVE

	FLTDEF756008B	<b>DRUM - EPV Dispense Coupler</b> 3A Orange Key, Stainless Steel, EPDM Seals	Stainless Steel EPV Dispensing coupler with EPDM Seals that connects to the hose of a pump to pump DEF from the container. This connects to the 755-003 Drum Container Valve. Used for dispensing only. Self-venting with a stainless steel 70 micron filter.
	FLTDEF744048	<b>TOTE - RSV Dispense Coupler</b> 3/4" Barbed Liquid Outlet, 4 Pin, Viton Seals	Stainless Steel RSV Dispense Coupler with VITON Seals and 3/4" HOSE BARB Outlet which attaches to the suction side of pump hose. Used to connect to container valve for closed system dispensing. This is a self venting Coupler and allows atmospheric air into the container.
	FLTBEDEFPTDC	Poly Tote Coupler	Poly Tote Dispense Coupler: Allows hose connection to 3/4" HOSE BARB Outlet which attaches to the suction side of pump hose. Used to connect to container valve for closed system dispensing. This is a self venting Coupler and allows atmospheric air into the container. Cross Compatible with Stainless Steel Valves





## DRUM/TOTE PUMPS - EXTRA OPTIONS

	FLTDEFFM	<b>Flow Meter assembly</b> (option for ALL drum and tote pumps)	Accurately measures fluid usage. (Non weights and measures) Reinforced polyamide body. Threaded input/output. Totalizer. Flow indication. Runs on 2 AAA batteries (included). Measures Gallons or Liters.
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	FLTDEFSN	<b>DEF Automatic Shut-off Nozzle</b>	Rugged design for long life and reliable service. 19mm nozzle spout. Stainless steel main stem. Duratuff lever and lever guard for additional durability.
	FLTDEFHR25HOSE	<b>Hose Reel 25' w/Hose Assembly</b>	Open design allows for easy maintenance. Stores hose up and out of harm's way, greatly extending service life of hose. 3/4" I.D. hose. DEF hoses are made of sulfur free EPDM rubber that meets ISO 22241 guidelines for use with DEF fluid.
	FLTDEF510COMHOSE1	Hose 10' x 3/4" DEF Hose	Peroxide cured EPDM rubber compound. Antistatic. All DEF hoses are made of sulfur free EPDM rubber that meets ISO 22241 guidelines for use with DEF fluid.
	FLTDEF510COMHOSE2	Hose 20' x 3/4" DEF Hose	Peroxide cured EPDM rubber compound. Antistatic. All DEF hoses are made of sulfur free EPDM rubber that meets ISO 22241 guidelines for use with DEF fluid.
	FLTDEF510COMHOSE3	30' x 3/4" DEF Hose	Peroxide cured EPDM rubber compound. Antistatic. All DEF hoses are made of sulfur free EPDM rubber that meets ISO 22241 guidelines for use with DEF fluid.
	FLTDEF510COMHOSE4	40' x 3/4" DEF Hose	Peroxide cured EPDM rubber compound. Antistatic. All DEF hoses are made of sulfur free EPDM rubber that meets ISO 22241 guidelines for use with DEF fluid.
	FLTDEFTH275BDA	<b>275 Gallon Insulated Heat Blanket, protects to -30°</b>	Patented heat spreading technology. Protects DEF fluid and pump assembly from freezing. Works on both metal and poly totes. Unique design allows for easy access to dispensing equipment. UV, wind and water resistant. Certified to UL/CSA standards. 120V 60Hz and 12V options. 1440 Watts. Amperage - 12A, Resistance - 10.0 ohms.
	FLTDEFTH330BDA	<b>330 Gallon Insulated Heat Blanket, protects to -30°</b>	Patented heat spreading technology. Protects DEF fluid and pump assembly from freezing. Works on both metal and poly totes. Unique design allows for easy access to dispensing equipment. UV, wind and water resistant. Certified to UL/CSA standards. 120V 60Hz and 12V options. 1440 Watts. Amperage - 12A, Resistance - 10.0 ohms.



## DEF DRUM COMPONENTS












### Drum Components

	FLTDEF756008B	<b>EPV DISPENSE COUPLER</b> 3A Orange Key, Stainless Steel, EPDM Seals	Stainless Steel EPV Dispensing coupler with EPDM Seals that connects to the hose of a pump to pump DEF from the container. This connects to the 755-003 Container Valve. Used for dispensing only. Self-venting with a stainless steel 70 micron filter.
	FLTBEDEFVD55P	<b>Poly Valve &amp; Spring Loaded Straight Downtube</b>	Fully Assembled, Poly Valve and HDPE Spring Loaded Straight Downtube for 55 Gal Drum. Thicker Material, ISO 22241 Compliant, 5 Year Warranty. <b>MINIMUM QTY 25</b>
	FLTDEF755003	<b>EPV CONTAINER VALVE</b> 3A Orange Key, Plastic, EPDM Seals	Plastic EPV Container Valve that threads into a drum with the 2.5" x 5 Buttress thread with EPDM Seals. <b>MINIMUM QTY 36</b>
	FLTDEF102136805	<b>EPV DOWN TUBE - 55</b> (For 55 Gallon Drum)	HDPE Down Tube for use with the EPV Drum Container Valve 743-016, 743-096, 743-097. This tube is cut for a 55 gallon HDPE drum. 810mm Length, 1" Diameter. <b>MINIMUM QTY 50</b>

## DEF TOTE COMPONENTS

### 275 GALLON TOTE

	FLTBEDEFPTDC	<b>Poly Tote Coupler</b>	Poly Tote Dispense Coupler: Allows hose connection to 3/4" HOSE BARB Outlet which attaches to the suction side of pump hose. Used to connect to container valve for closed system dispensing. This is a self venting Coupler and allows atmospheric air into the container. Cross Compatible with Stainless Steel Valves
	FLTDEF744048	<b>RSV DISPENSE COUPLER</b> 3/4" Barbed Liquid Outlet, 4 Pin, Viton Seals	Stainless Steel RSV Dispense Coupler with VITON Seals and 3/4" HOSE BARB Outlet which attaches to the suction side of pump hose. Used to connect to container valve for closed system dispensing. This is a self venting Coupler and allows atmospheric air into the container. For use with 743-097.

	FLTBEDFVD275P	<b>Poly Valve &amp; Spring Loaded Straight Downtube</b>	Fully Assembled, Poly Valve and HDPE Spring Loaded Straight Downtube for 275 Gal Tote. Thicker Material, ISO 22241 Compliant, 5 Year Warranty. Cross Compatible with Stainless Steel Couplers. <b>MINIMUM QTY 25</b>
	FLTBEDFVD330P	<b>Poly Valve &amp; Spring Loaded Straight Downtube</b>	Fully Assembled, Poly Valve and HDPE Spring Loaded Straight Downtube for 330 Gal Tote. Thicker Material, ISO 22241 Compliant, 5 Year Warranty. Cross Compatible with Stainless Steel Couplers. <b>MINIMUM QTY 25</b>
	FLTDEF743097	<b>RSV CONTAINER VALVE</b> 2.5" X 5 Buttress, 4 Cam, EPDM Seals	Stainless Steel RSV Container Valve with EPDM Seals that threads into an IBC or Drum. The American Buttress Thread is the heavy thread that is used for plastic drums and IBC's with the correct plastic lid. This is the Container Valve only and no down tube is attached. For use with 744-048, 744-026. <b>MINIMUM QTY 36</b>
	FLTDEF7432361065	<b>RSV DOWN TUBE - 275 (CC)</b> (For 275 Gallon Tote - Center Cap Installation)	HDPE Down Tube for use with the Stainless Steel RSV Container Valve 743-016, 743-096, 743-097. This tube is cut for a 275 gallon IBC center cap installations. 1065mm Length, 1" Diameter. <b>MINIMUM QTY 50</b>
	FLTDEF7432361245	<b>RSV DOWN TUBE - 330 (CC)</b> (For 330 Gallon Tote - Center Cap Installation)	HDPE Down Tube for use with the Stainless Steel RSV Container Valve 743-016, 743-096, 743-097. This tube is cut for a 330 gallon IBC center cap installation. 1245mm Length, 1" Diameter. <b>MINIMUM QTY 50</b>
	FLTZTFSEAL	<b>RSV TAMPER EVIDENT WIRE SEAL</b>	Tamper Evident wire cable for the Stainless Steel RSV Container Valve. Secures RSV Container Valve to container and protects from unauthorized removal. <b>MINIMUM QTY 100</b>
	FLTDEF102014	<b>RSV DUST COVER</b> YELLOW	Reusable dust cover used to protect container valve from debris when coupler is disconnected. (NON-Tamper Evident). <b>MINIMUM QTY 25</b>
	FLTDEF230248	<b>DEF TOTE CAP</b>	DEF Tote Cap (for 275 or 300 Gal Totes)
	FLTDEFMBFILL	<b>Bulk Fill Coupler</b>	2" Dry Disconnect Coupler, Heavy Duty SS Crank & Link, Secure Connection To Fill DEF Mini Bulk System and DEF Bulk Storage Systems.
	FLTDEF744062	<b>RSV FILL COUPLER</b> Vapor Recovery Outlet, 4 Pin, Viton Seals	Stainless Steel RSV Fill Coupler with VITON Seals and a 1" NPT Male liquid inlet. Used to connect RSV Container Valve for closed system filling. For use with RSV Container Valves 743-097.
	FLTBEDFPTDF	<b>POLY FILL COUPLER</b>	Poly Tote Fill Coupler: NPT swivel outlet can accommodate adapters from 3/4" to 2". Used to connect to container valve for closed system dispensing. This is a self venting Fill Coupler and allows atmospheric air into the container. Fill rates up to 40 GPM. Cross Compatible with Stainless Steel Valves

# DEF TRUCK TANK DISPENSING UNIT

## Components

## Tank Size (L x D x H)



- 12V Self Priming Diaphragm Pump
- 20 ft Dispense Hose
- 4 ft Suction Hose
- Stainless Steel Automatic Shut Off Nozzle with Swivel
- Forklift Recesses
- Portable Dispensing Unit
- Built Exclusively for the DEF Market
- Lockable Lid for Complete Security
- Integrated Carry handles
- Molded Recesses for Tie Down During Transport

**FLTDEFTTP110**  
 Gallon Truck Tank System  
 46 x 30 x 29 inches

**FLTDEFTTP155**  
 Gallon Truck Tank System  
 46 x 32 x 40 inches



# DEF MINI BULK SYSTEM WITH FLEET DISPENSER

## NON WEIGHTS AND MEASURES

## Components

## Tank Size



- 500 Gal Capacity - Dimensions 107"x36"x48" Weight:800lbs
- 1000 Gal Capacity - Dimensions 107"x36"x96" Weight:1600lbs
- Ability to expand from 500 Gal to 1000 Gal unit
- Automated fill-port valve to prevent overfilling
- High-level indicator
- Forklift pockets for relocation
- Weather-tight control panel mounted on front wall
- Pre-wired for easy installation
- Low level tank indicators
- 1/2 HP submersible DEF pump(s)
- Dry-break adapter fill port
- Lockable fill port door
- FLEET DISPENSER - 62"x32"x22" Weight: 325lbs**
- Industrial grade cabinet
- 25' DEF hose reel
- Flow Meter Assembly
- Filtration unit system

### Mini Bulk Tank (TANK ONLY)

- FLTDEF500MB
- FLTDEF1000MB

### Mini Bulk Tank with Heat Option (TANK ONLY)

- FLTDEF500MBH
- FLTDEF1000MBH

### Mini Bulk System with Fleet Dispenser

- FLTDEF500MBF
- FLTDEF1000MBF

### Heated/Insulated Mini Bulk System with Fleet Dispenser

- FLTDEF500MBFH
- FLTDEF1000MBFH

# DEF MINI BULK SYSTEM WITH RETAIL DISPENSER

## WEIGHTS AND MEASURES



- 500 Gal Capacity - Dimensions 107"x36"x48" Weight:800lbs  
 1000 Gal Capacity - Dimensions 107"x36"x96" Weight:1600lbs  
 Ability to expand from 500 Gal to 1000 Gal unit  
 Automated fill-port valve to prevent overfilling  
 High-level indicator  
 Forklift pockets for relocation  
 Weather-tight control panel mounted on front wall  
 Pre-wired for easy installation  
 Low level tank indicators  
 1/2 HP submersible DEF pump(s)  
 Dry-break adapter fill port  
 Lockable fill port door  
**RETAIL DISPENSER - 58"x32.6"x20 Weight: 450lbs**  
 Industrial grade cabinet  
 18' DEF hose reel  
 Pulse Output  
 Filtration unit system  
 W&M approved TCS-682 SS meter

### Tank Size

#### Mini Bulk Tank (TANK ONLY)

- FLTDEF500MB
- FLTDEF1000MB

#### Mini Bulk Tank with Heat Option (TANK ONLY)

- FLTDEF500MBH
- FLTDEF1000MBH

#### Mini Bulk System with Retail Dispenser

- FLTDEF500MBR
- FLTDEF1000MBR

#### Heated/Insulated Mini Bulk System with Retail Dispenser

- FLTDEF500MBRH
- FLTDEF1000MBRH

# DEF Bulk Storage Systems

## INDOOR STORAGE TANKS WITH RECOMMENDED FITTING PACKAGE



- DEF Compatible HDPE Vertical Tank – Single Wall  
 2" SS Threaded Bulk Head Fitting-Sidewall  
 1" SS Threaded Bulk Head Fitting-Sidewall  
 (2) 2" Polypropylene Threaded Top Mount Fittings  
 Non-Vented Manway  
 1" x 12" Siphon Tube  
 2" SS Inlet for Fill Port and Cap  
 (2) SS Ball Valves and Nipples  
 Duplex Vent Package (Rated for 225 gpm)  
 Duplex Vent Filtration Sock  
 DEF Pipe Sealant  
*Optional: Insulated & Heated Tank Packages*

### Tank Size

- 500 Gal Tank Dimensions: 48" x 73" Weight: 180lbs Tip Up 80"
- 1,000 Gal Tank Dimensions: 65" x 81" Weight: 275lbs Tip Up 103"
- 2,100 Gal Tank Dimensions: 87" x 89" Weight: 400lbs Tip Up 125"
- 3,000 Gal Tank Dimensions: 95" x 109" Weight: 600lbs Tip Up 145"
- 6,500 Gal Tank Dimensions: 119" x 150" Weight: 1,151lbs Tip Up 192"
- 8,400 Gal Tank Dimensions: 119" x 188" Weight: 2,135lbs Tip Up 223"



# DEF Bulk Storage Systems

## INDOOR STORAGE TANKS WITH DEF WALL MOUNT PUMPING SYSTEM AND HOSE REEL



Components	Tank Size
DEF Compatible HDPE Vertical Tank – Single Wall	
2" SS Threaded Bulk Head Fitting – Sidewall	
1" SS Threaded Bulk Head Fitting – Sidewall	500 Gal Tank Dimensions: 48" x 73" Weight: 180lbs Tip Up 80"
SS 1" x 3/4" Barb, Nipple and Ball Valve	
(2) 2" Polypropylene Threaded Top Mount Fittings	1,000 Gal Tank Dimensions: 65" x 81" Weight: 275lbs Tip Up 103"
Non-Vented Manway	
1" x 12" Siphon Tube	2,100 Gal Tank Dimensions: 87" x 89" Weight: 400lbs Tip Up 125"
2" SS Inlet for Fill Port and Cap	
(2) SS Ball Valves and Nipples	3,000 Gal Tank Dimensions: 95" x 109" Weight: 600lbs Tip Up 145"
Duplex Vent Package (Rated for 225 gpm)	
Duplex Vent Filtration Cover	6,500 Gal Tank Dimensions: 119" x 150" Weight: 1,1515lbs Tip Up 192"
DEF Pipe Sealant	
DEF Pumping System with Wall Mount and Filter	8,400 Gal Tank Dimensions: 119" x 188" Weight: 2,135lbs Tip Up 223"
25' Hose Reel with SS Automatic Shut-off Nozzle	
<b>(Must Be Within 10 Feet of Tank When Using Smart Pump)</b>	

# DEF Bulk Storage Systems

## INDOOR STORAGE TANK WITH STANDING DISPENSING CABINET



Components	Tank Size
DEF Compatible HDPE Vertical Tank – Single Wall	
2" SS Threaded Bulk Head Fitting – Sidewall	
1" SS Threaded Bulk Head Fitting – Sidewall	500 Gal Tank Dimensions: 48" x 73" Weight: 180lbs Tip Up 80"
SS 1" x 3/4" Barb, Nipple and Ball Valve	
(2) 2" Polypropylene Threaded Top Mount Fittings	1,000 Gal Tank Dimensions: 65" x 81" Weight: 275lbs Tip Up 103"
Non-Vented Manway	
1" x 12" Siphon Tube	2,100 Gal Tank Dimensions: 87" x 89" Weight: 400lbs Tip Up 125"
2" SS Inlet for Fill Port and Cap	
(2) SS Ball Valves and Nipples	3,000 Gal Tank Dimensions: 95" x 109" Weight: 600lbs Tip Up 145"
Duplex Vent Package (Rated for 225 gpm)	
Duplex Vent Filtration Cover	6,500 Gal Tank Dimensions: 119" x 150" Weight: 1,1515lbs Tip Up 192"
DEF Pipe Sealant	
Standing DEF Dispenser Cabinet with Filter	8,400 Gal Tank Dimensions: 119" x 188" Weight: 2,135lbs Tip Up 223"
<ul style="list-style-type: none"> <li>• DEF Pumping System w/25' Hose Reel</li> <li>• Nozzle Mounted Flow Meter (Non Weights &amp; Measures)</li> <li>• Stainless Steel Automatic Shut Off Nozzle</li> </ul>	
<b>(Must Be Within 10 Feet of Tank When Using Smart Start Pump)</b>	

# DEF Bulk Storage Systems

INSULATED/HEATED STORAGE AND DISPENSING SYSTEMS - NON WEIGHTS & MEASURES

Components

Tank Size



- DEF Compatible HDPE Vertical Tank
- 2" SS Threaded Bulk Head Fitting – Sidewall
- 1" SS Threaded Bulk Head Fitting – Sidewall
- (2) 2" Polypropylene Threaded Top Mount Fittings
- Non-Vented Manway
- 1 ½" x 12" Siphon Tube
- 2" SS Inlet for Fill Port
- Insulation Package
- Heat Trace Package
- Submersible DEF Pump

1,100 Gal Tank Dimensions: 66" x 92" Weight: 650lbs

2,000 Gal Tank Dimensions: 92" x 90" Weight: 800lbs

3,000 Gal Tank Dimensions: 90" x 127" Weight: 950lbs

Commercial DEF Dispenser

6,500 Gal Tank Dimensions: 120" x 153" Weight: 3,550lbs

- Industrial Grade Cabinet
- Insulated w/ Heating System
- K-23 Flow Meter
- Filter
- 25' DEF Hose Reel

8,000 Gal Tank Dimensions: 120" x 186" Weight: 4,350lbs



# DEF Bulk Storage Systems

INSULATED/HEATED STORAGE AND DISPENSING SYSTEMS - WEIGHTS & MEASURES

Components

Tank Size



- DEF Compatible HDPE Vertical Tank
- 2" SS Threaded Bulk Head Fitting – Sidewall
- 1" SS Threaded Bulk Head Fitting – Sidewall
- (2) 2" Polypropylene Threaded Top Mount Fittings
- Non-Vented Manway
- 1 ½" x 12" Siphon Tube
- 2" SS Inlet for Fill Port
- Insulation Package
- Heat Trace Package
- Submersible DEF Pump
- Commercial DEF Dispenser

1,100 Gal Tank Dimensions: 66" x 92" Weight: 650lbs

2,000 Gal Tank Dimensions: 92" x 90" Weight: 800lbs

3,000 Gal Tank Dimensions: 90" x 127" Weight: 950lbs

6,500 Gal Tank Dimensions: 120" x 153" Weight: 3,550lbs

- Industrial Grade Cabinet
- Insulated w/ Dual Heat
- Volume Only Software Electronics
- Positive Displacement Oval Gear SS Flow Meter
- Pulse Output
- Filter
- Hose Reel w/ 25' DEF Hose

8,000 Gal Tank Dimensions: 120" x 186" Weight: 4,350lbs

*Optional: Pulse Output Meter Component*





# DEF Fleet Dispenser

## Components

## Description



Hose reel w/ 25' def hose, ball stop & 4-way roller  
 Stainless steel automatic nozzle w/swivel  
 Nozzle Holder  
 Turbine meter w/hose adapters  
 Filter housing and cartridge  
 Powder coated carbon steel cabinet  
 Foil face insulation lining  
 Hardware for installation including anchor kit

### FLTDEFFD

FLEET DISPENSER - 62 x 32 x 22

### Available Options

Heat - FLTDEFDSPHT  
 Pulse Out Put - FLTDEFPLSOUT  
 115v Pump - Auto On/Off Submersible Pump  
 Feature - FLTDEFPP19  
 SS Breakaway - FLTDEFSSBRK

# DEF Bulk Transfer Systems

30 GPM Mechanical Transfer Dolly

## Components

## Description



### Pump & Motor:

1/2 HP Flooded Suction SS Centrifugal Pump  
 Mechanical Pump Seal  
 110 VAC Single Phase 60HZ Motor  
 Toggle Switch Manual Motor Starter - 25' x 14/3  
 Gauge Electrical Cord w/120V AC

### Meter & Register:

Piston Flow Meter w/Mechanical Register  
 SSI Air Eliminator w/Vinyl Tube Attached for Discharge  
 Mechanical Ticket Printer  
 Weights and Measures Approved

### Hose Assembly:

1" x 10' Suction Hose w/SS MNPT Ends  
 1" x 20' Discharge Hose w/SS MNPT Ends  
 Hose Hangers for Both Suction and Discharge Lengths

### Optional:

Polypropylene Filter Housing w/1 Micron Filter and Vent  
 Poly Spit Tank For Air Eliminator Discharge  
 Self Priming Pump

# DEF Bulk Transfer Systems

30 GPM Electronic Transfer Dolly

## Components

## Description



### Pump & Motor:

1/2 HP Flooded Suction SS Centrifugal Pump  
 Mechanical Pump Seal  
 110 VAC Single Phase 60HZ Motor  
 Toggle Switch Manual Motor Starter - 25' x 14/3  
 Gauge Electrical Cord w/120V AC

### Meter & Register:

1" MNPT Stainless Steel Sponsler Turbine Meter  
 Pulse Amplifier  
 12V DC Electrically Actuated Ball Valve -LCR II  
 Electronic Register  
 Air Eliminator Plumbed to Poly Spit Tank-40 Mesh  
 Poly "Y" Strainer

### Hose Assembly:

1" x 10' Reinforced Suction Hose w/SS MNPT Ends  
 1" x 20' Discharge Hose w/SS MNPT Ends  
 Hose Hangers for Both Suction and Discharge Lengths

### Optional:

Polypropylene Filter Housing w/1 Micron Filter and Vent  
 Poly Spit Tank For Air Eliminator Discharge  
 Self Priming Pump