

# LUBRICATION MANAGEMENT CATALOG



Safety Cabinets



Filter Carts





OilSafe 4x65 Advance System  
with optional Storage Cabinet

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Cover: OilSafe Advance System featuring four 65 gallon color coded tanks with matching dispensers - and optional OilSafe drums with lids and color-coded drum ring.



↗  
OilSafe 5 quart/liter Drum with a Stumpy Spout Lid, Drum Ring, and ID Card

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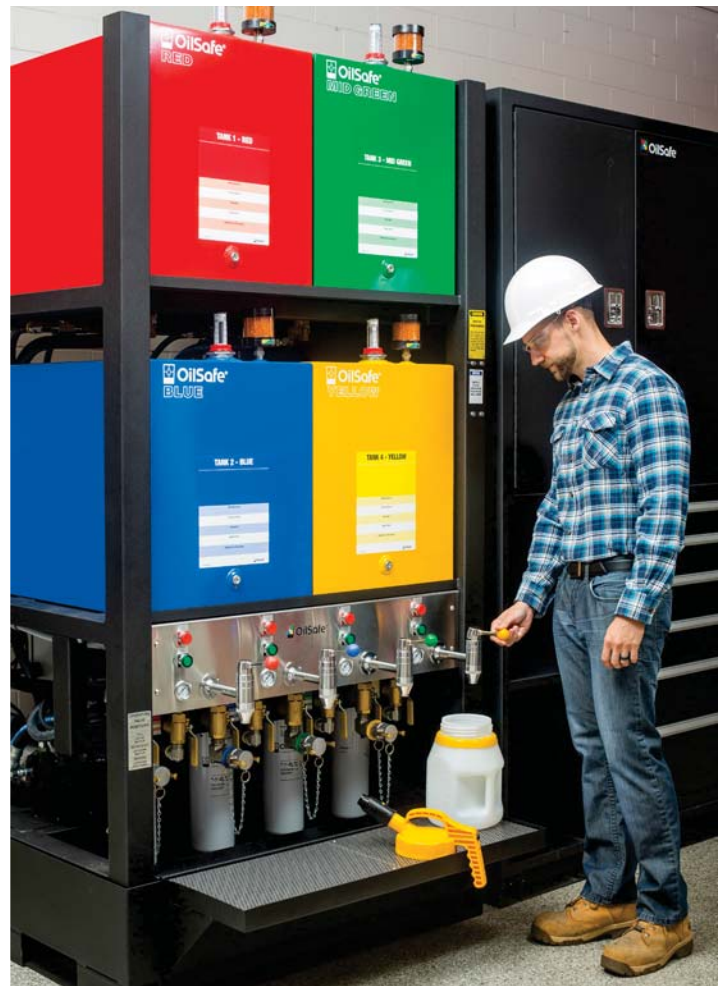


# For Fluids Solutions: Built to Last Built to Perform

## Modernize your Lubricant Storage and Handling Practices

Lubrication storage, handling, and dispensing is often overlooked, but it is critical to a successful maintenance program. Correct storage and handling can lead to real savings. The return on investment, often referred to as ROI, can be immediate with reduced equipment failures leading to increased production up-time. In fact, a few quick changes in your lube program can lead to improved work areas, safer conditions, cleaner lubricants, lower equipment maintenance cost, improved production, and more.

This brochure is designed to give you direction to get on the road to a world class lube room. Whether you have 3 lubricants or 30 - these tools will help guide you on your way. Does this guide contain everything you need to know, of course not, but it can definitely put you on the path to success.



## Fix Old Habits and Move to a World Class Lube Room

The above pictures show some of the 'old ways' of storing lubricants. Often times lubrication took a back seat but not anymore. Companies are realizing the massive savings in both time and money to proper lubricant storage. In addition, an unmanaged and messy lube room can lead to insurance issues and dangerous conditions. The bulk systems offered can lead to a world class lube room and a better workplace.



## MODERNIZE LUBRICANT STORAGE AND HANDLING PRACTICES

The OilSafe Bulk Systems are the most feature rich and highest quality lubricant storage and dispensing systems available. Perfect for any workplace looking to instantly establish best practice by quickly ridding itself of old bulk oil storage equipment and processes. An OilSafe bulk storage system will enable you to take immediate control over your lubrication workflow process and get your lubricant storage areas and practices clean, efficient, and compliant.

The two main systems are the Advanced and the Lubrication Work Center. Those systems become the main focus of any updated world class lube room. Each can be configured to meet your specific workplace requirements. Additional secondary systems are available to supplement lube management either in the field or in other areas of the workplace. So whether you need lube management help in the plant or a remote part of the warehouse with a Drum Work Station, world class lube management is within reach.

## ESTABLISH BEST PRACTICE

- Lubrication Reliability (5R's)
- LEAN Manufacturing
- Workplace Organization (5S)
- Environmental Compliance (SPCC)
- Safety Compliance (OSHA - Right to Know)

- Tanks - Mix and match different tanks and colors to meet your needs
- Custom Labeling - Add the optional labeling feature to receive fully integrated customized identification labeling for additional compliance
- Fluid Cleanliness - Minimize lubricant contamination
- Compliance - Features available to meet facility compliance
- Spill Control - Multi-Tier spill control
- Modular Heavy Duty Construction - With a fully welded and powder coated steel frame it is durable and also ships in pre-assembled modules
- Features - Rich in features and options to maximize budget and functionality

## Match Color Coded Tanks with Color Coded Transfer Containers

Beige

Black

Blue

Dark Green

Grey

Mid Green

Orange

Purple

Red

Yellow

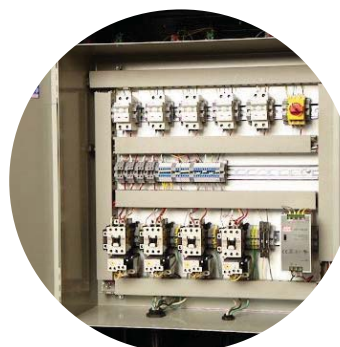
### SYSTEM FEATURES

- Color Coded - Choice of 10 different colors for identification
- Tank Sizes - Choose from 30, 65, 120, 240 gallon tanks
- Fire Safety - Systems come standard with MSHA CFR30 rated hosing and include auto-shut off tank isolation valves
- OSHA - Right to know with color coded and labeled tanks and taps to ensure accurate fluid identification and handling
- EPA SPCC - Systems come standard with integrated spill containment
- Ships Assembled - Save time with preassembled modules that are virtually ready to use within minutes
- Clean, Safe, and Professional - Restores pride and in the work place and helps with facility inspections
- Lube Storage - Accommodates lubricants up to ISO 680
- Various Configuration - Scale the system to accommodate the number and volume of storage and dispensing



### FLUID CLEANLINESS

- In-Line Filtration
- Desiccant Breather - Dedicated breather for each tank to remove airborne contaminants and moisture
- Dispense - High quality auto-shut off taps
- Filling - Dedicated suction hoses on the Advance and Work Center Systems
- Cleaner Fluid - Dedicated pump and filter on each tank on the Advance and Work Center Systems
- Filtration - With the Advance and Work Center it filters when you fill, dispense and you can also recirculate it (kidney loop)



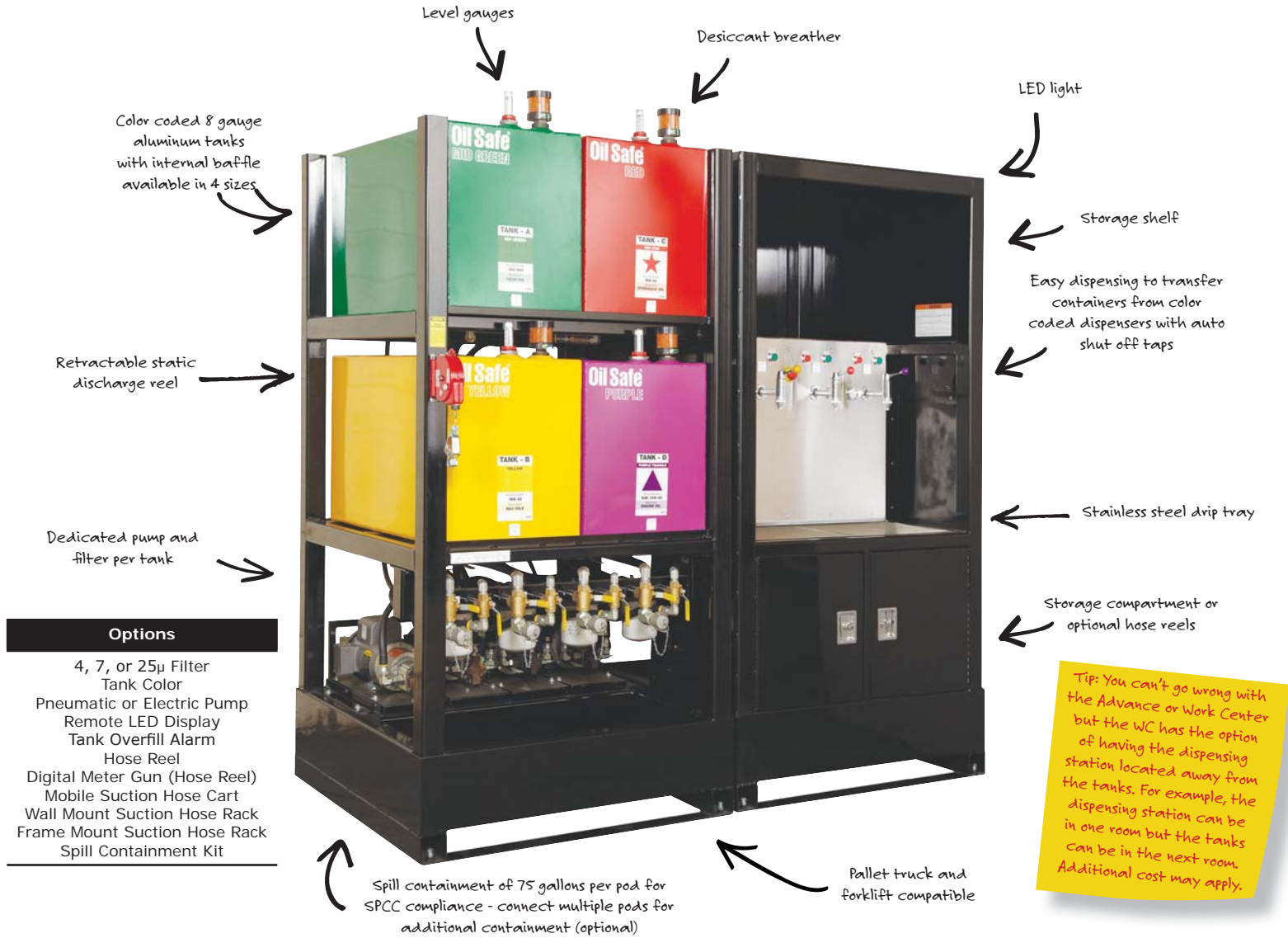
### GENERAL FEATURES

- Integrated Pallets - Integrated lift points built into the systems for easy forklift and hand truck transportation
- Gauges - Top mounted gauges for easy and safe viewing of tank fill level
- Grounding - Retractable cable reel grounding kit and system earth lugs to mitigate static electricity build up
- Lubricant Flexibility - Suitable for storing machinery lubricating oils and glycol based lubricants
- Drip Trays - Removable stainless steel drip trays collect spills that may occur when filling dispensing containers
- Power - All systems come standard with 110v single phase TEFC motors; air pneumatic option available



# Lubrication Work Center System

The ultimate in lubrication management



Color coded 8 gauge aluminum tanks with internal baffle available in 4 sizes

Level gauges

Desiccant breather

LED light

Storage shelf

Easy dispensing to transfer containers from color coded dispensers with auto shut off taps

Retractable static discharge reel

Stainless steel drip tray

Dedicated pump and filter per tank

Storage compartment or optional hose reels

## Options

- 4, 7, or 25µ Filter
- Tank Color
- Pneumatic or Electric Pump
- Remote LED Display
- Tank Overfill Alarm
- Hose Reel
- Digital Meter Gun (Hose Reel)
- Mobile Suction Hose Cart
- Wall Mount Suction Hose Rack
- Frame Mount Suction Hose Rack
- Spill Containment Kit

Spill containment of 75 gallons per pod for SPCC compliance - connect multiple pods for additional containment (optional)

Pallet truck and forklift compatible

Tip: You can't go wrong with the Advance or Work Center but the WC has the option of having the dispensing station located away from the tanks. For example, the dispensing station can be in one room but the tanks can be in the next room. Additional cost may apply.

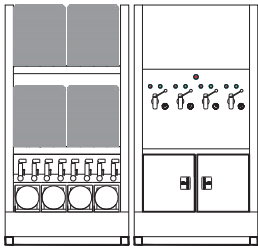
The Oil Safe Work Center Bulk Storage System is like an instant lube room. The color coded central dispensing station makes filling with the right lubricant a snap. There is a storage cabinet below the dispensing station or if you upgrade to hose reels they are conveniently stored inside. Features color coding, pressurized dispensing taps, built in spill containment, and a separate pump/filter for each tank providing 3 way filtration (filters while filling, recirculate (kidney loop), and dispensing). Comes standard with a 7 micron Beta 2000 filter, other ratings available. Ships assembled and virtually ready to use.

- Dedicated Pump and Filter per tank - This helps prevent cross contamination.
- Electrical Protection - Circuit breakers, surge protectors, and motor overload protection.
- Spill Containment - built in spill containment for work place safety and SPCC compliance.
- Three way filtration - fill, dispense, and recirculate.
- Includes MSHA CFR30 rated hosing and include auto-shut off tank isolation valves.
- OSHA Right to know with color coded and labeled tanks. Taps are color coded to ensure accurate fluid identification and handling.
- Ergonomic Dispensing Station - Dedicated dispensing station with work surfaces and storage.
- Color coded Quick Connects are installed on the system and the suction hoses. These Quick Connects fit only a matching color preventing accidental cross contamination.
- Heavy Duty Tanks - Tanks available in 10 colors and 4 sizes; 30, 65, 120, and 240 gallon.
- Pre-Assembled - Get up and running quickly without spending a couple of days chasing down tools and parts building a system.
- Compact Footprint - Each pod is 46" wide x 46" deep x 93" tall.

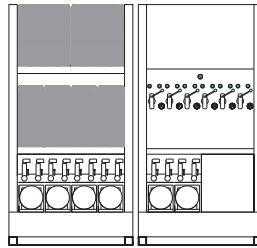
## Lubrication Work Center Specifications

Pre-assembled	SPCC Spill Compliance	Taps	Pumps/Filter Sets	Filtration	Electrical Protection	Dispensing	High Viscosity Pumps	Fire Safety	Hose Reels
Yes	Yes Depending on configuration	Pressurized	1 per tank	3-Way Fill, Dispense, Recirculate	Yes	Station	Yes up to ISO 680	Yes	Optional

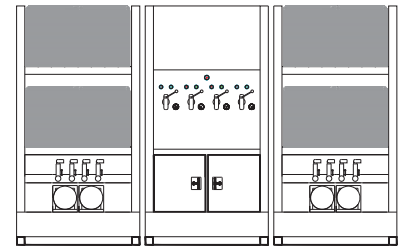




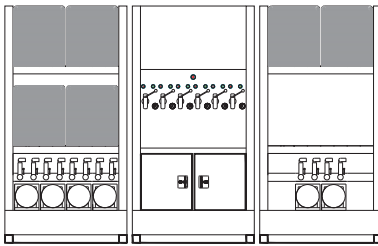
Configuration: 4 x 65 Gallon  
Part Number : FF30400



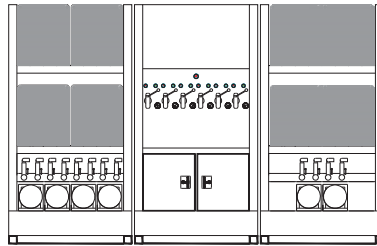
Configuration: 4 x 30 & 2 x 65 Gallon  
Part Number : FF34200



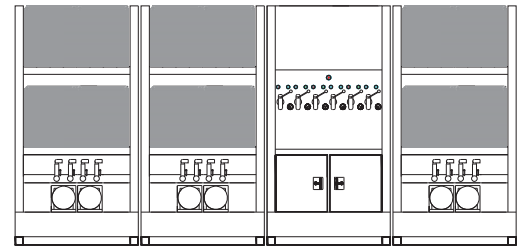
Configuration: 4 x 120 Gallon  
Part Number : FF30040



Configuration: 6 x 65 Gallon  
Part Number : FF30600



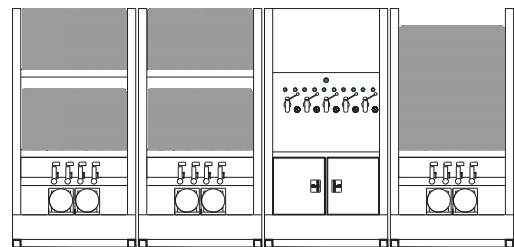
Configuration: 4 x 65 & 2 x 120 Gallon  
Part Number : FF30420



Configuration: 6 x 120 Gallon  
Part Number : FF30060



Configuration: 8 x 65 Gallon  
Part Number : FF30800

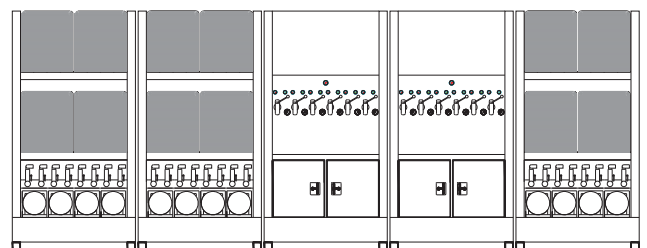


Configuration: 4 x 120 & 1 x 240 Gallon  
Part Number : FF30041

Dimensions: Each Pod is 46" (116cm) x 46" (122cm) x 93" (236cm)

### Or Mix and Match - Build Your Own System

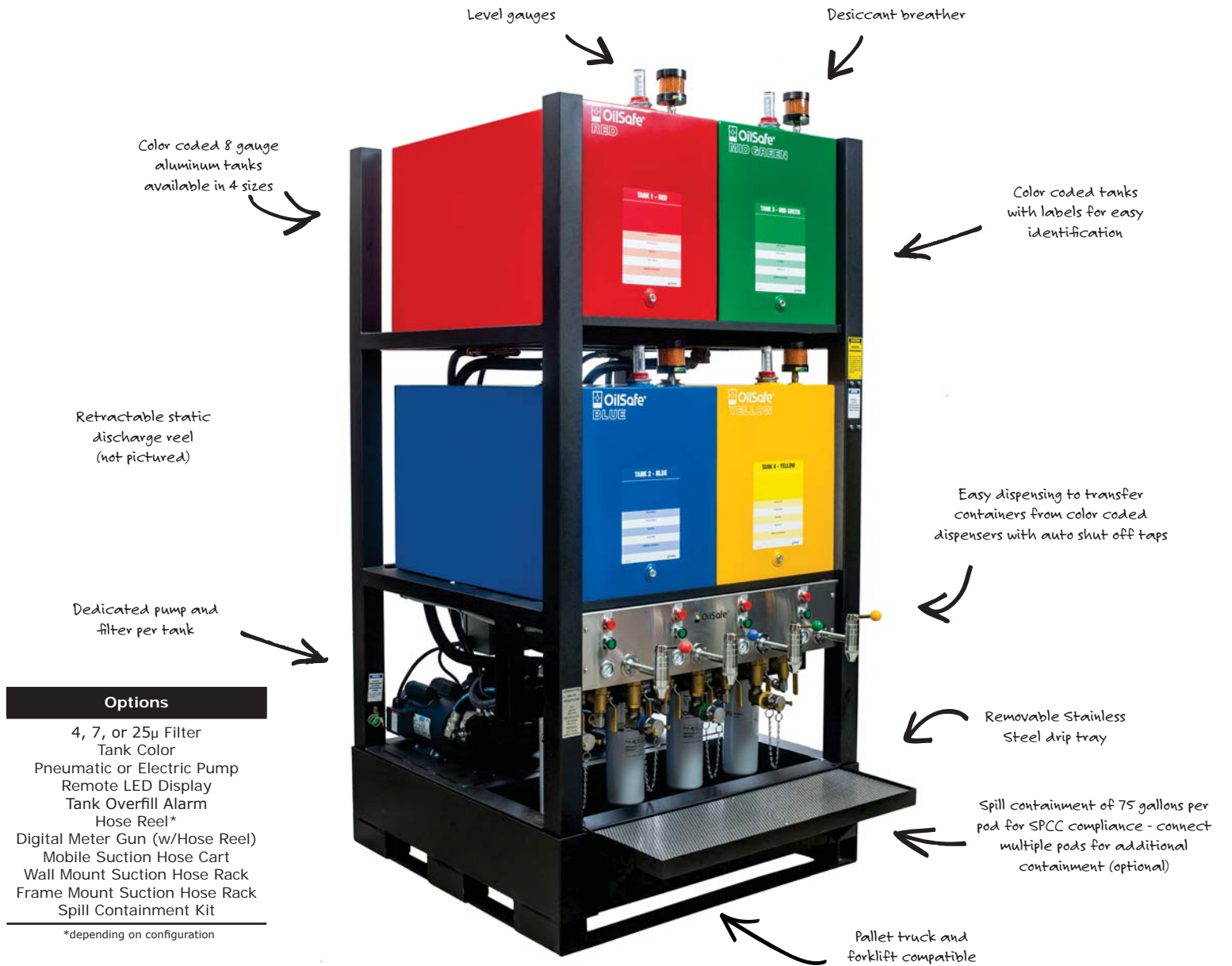
Mix and match different size tanks and create a system that matches your application. Choose from 30 gal, 65 gal, 120 gal, or 240 gallon tanks; just tell us the number of tanks and sizes and we will swiftly create a tailored configuration for you.



Configuration: 12 x 65 Gallon  
Part Number : FF30C00

# Advanced System

The most popular lubrication management system



## Options

- 4, 7, or 25µ Filter Tank Color
- Pneumatic or Electric Pump
- Remote LED Display
- Tank Overfill Alarm
- Hose Reel\*
- Digital Meter Gun (w/Hose Reel)
- Mobile Suction Hose Cart
- Wall Mount Suction Hose Rack
- Frame Mount Suction Hose Rack
- Spill Containment Kit

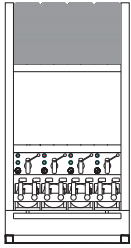
\*depending on configuration

The Oil Safe Advanced Bulk Storage System can easily get you up to speed with best practices. This space efficient design features color coding, pressurized dispensing taps, built in spill containment, and a separate pump/filter for each tank providing 3 way filtration (filters while filling, recirculate (kidney loop), and dispensing). Comes standard with a 7 micron Beta 2000 filter, other ratings available. Ships assembled and virtually ready to use - just screw on the taps and the drip tray, plug it in and you have a best practice storage system.

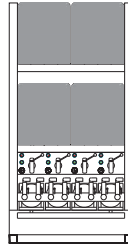
- Dedicated Pump and Filter per tank - This helps prevent cross contamination.
- Spill Containment - built in spill containment for work place safety and SPCC compliance.
- Three way filtration - fill, dispense, and recirculate.
- Includes MSHA CFR30 rated hosing and include auto-shut off tank isolation valves.
- OSHA Right to know with color coded and labeled tanks and taps to ensure accurate fluid identification and handling.
- Color coded Quick Connects are installed on the system and the suction hoses. These Quick Connects fit only a matching color preventing accidental cross contamination.
- Heavy Duty Tanks - Tanks available in 10 colors and 4 sizes; 30, 65, 120, and 240 gallon.
- Pre-Assembled - Get up and running quickly without spending a couple of days chasing down tools and parts building a system.
- Compact Footprint - Each pod is 46" wide x 61" deep x 93" tall.

## Advanced Bulk System Specifications

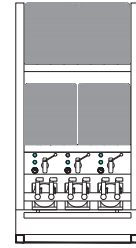
Pre-assembled	SPCC Spill Compliance	Taps	Pumps/Filter Sets	Filtration	Electrical Protection	Dispensing	High Viscosity Pumps	Fire Safety	Hose Reels
Yes	Yes Depending on configuration	Pressurized	1 per tank	3-Way Fill, Dispense, Recirculate	Yes	Console	Yes up to ISO 680	Yes	Optional on some models



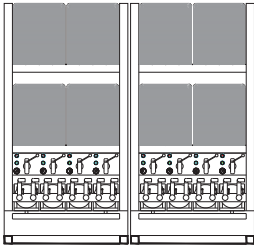
Configuration: 4 x 30 Gallon  
Part Number : FF24000



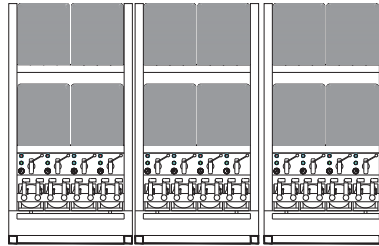
Configuration: 4 x 65 Gallon  
Part Number : FF20400



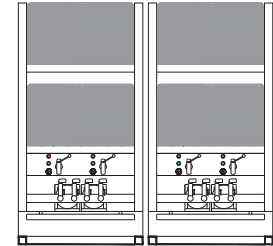
Configuration: 2 x 65 & 1 x 120 Gallon  
Part Number : FF20210



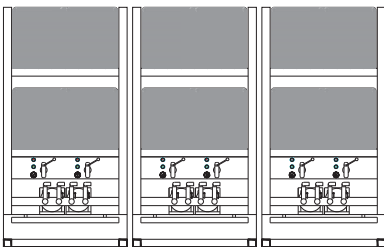
Configuration: 8 x 65 Gallon  
Part Number : FF20800



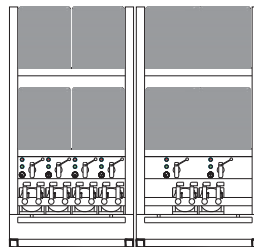
Configuration: 12 x 65 Gallon  
Part Number : FF20C00



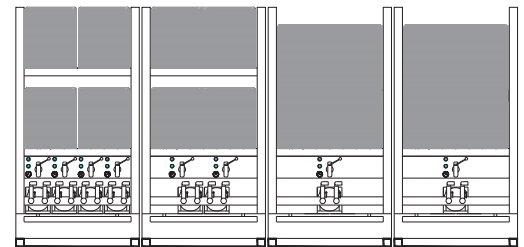
Configuration: 4 x 120 Gallon  
Part Number : FF20040



Configuration: 6 x 120 Gallon  
Part Number : FF20060



Configuration: 4 x 65 & 2 x 120 Gallon  
Part Number : FF20420

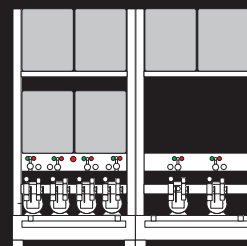


Configuration: 4 x 65 & 2 x 120 &  
2 x 240 Gallon  
Part Number : FF20422

Dimensions: Each Pod is 46" (116cm) x 61" (155cm) x 93" (226cm)

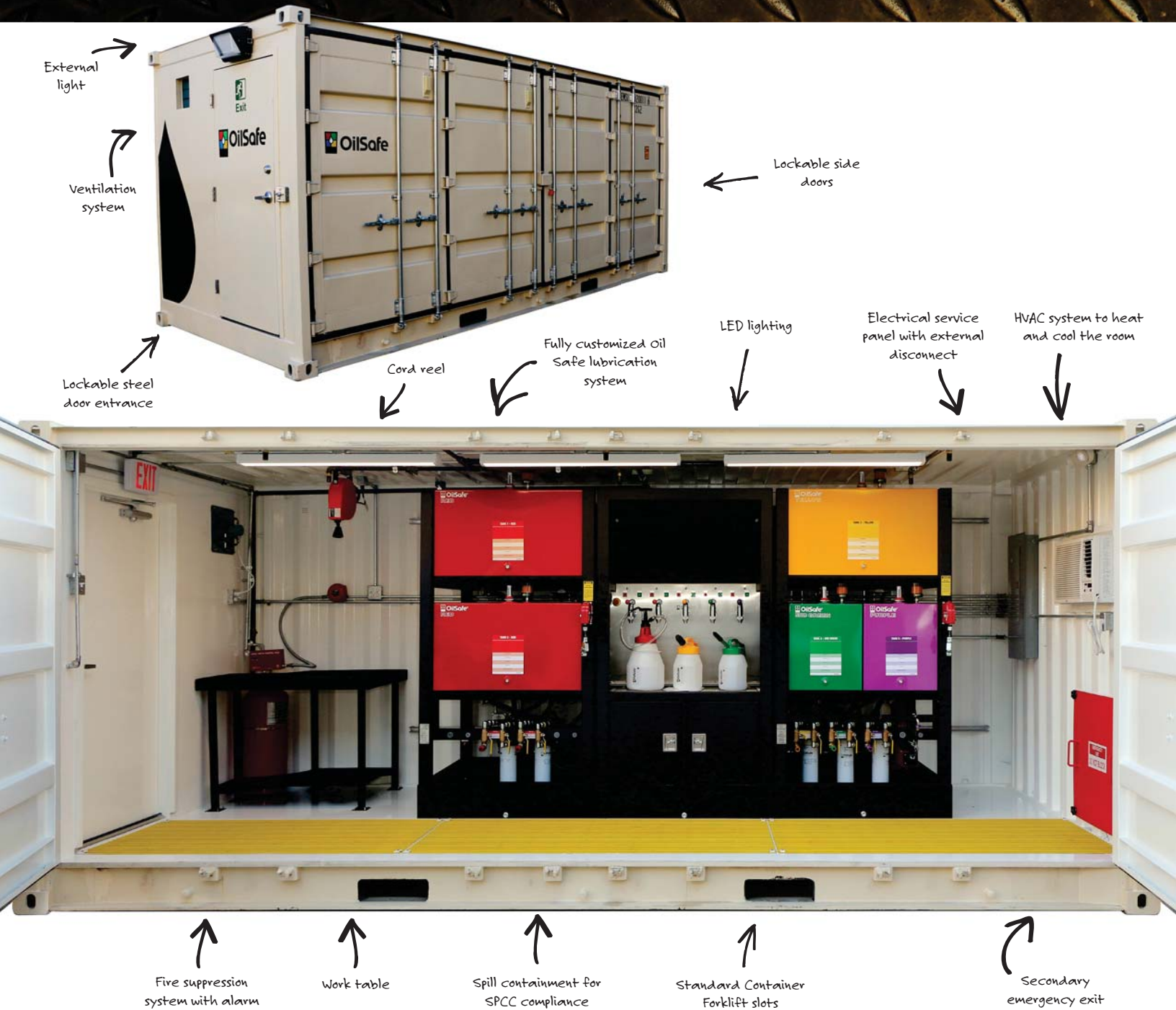
### Or Mix and Match - Build Your Own System

Mix and match different size tanks and create a system that matches your application. Choose from 30 gal, 65 gal, 120 gal, or 240 gallon tanks; just tell us the number of tanks and sizes and we will create a customized system for you.



# Satellite Lube Room

Instant lubrication management on the base, in the field, or on location.

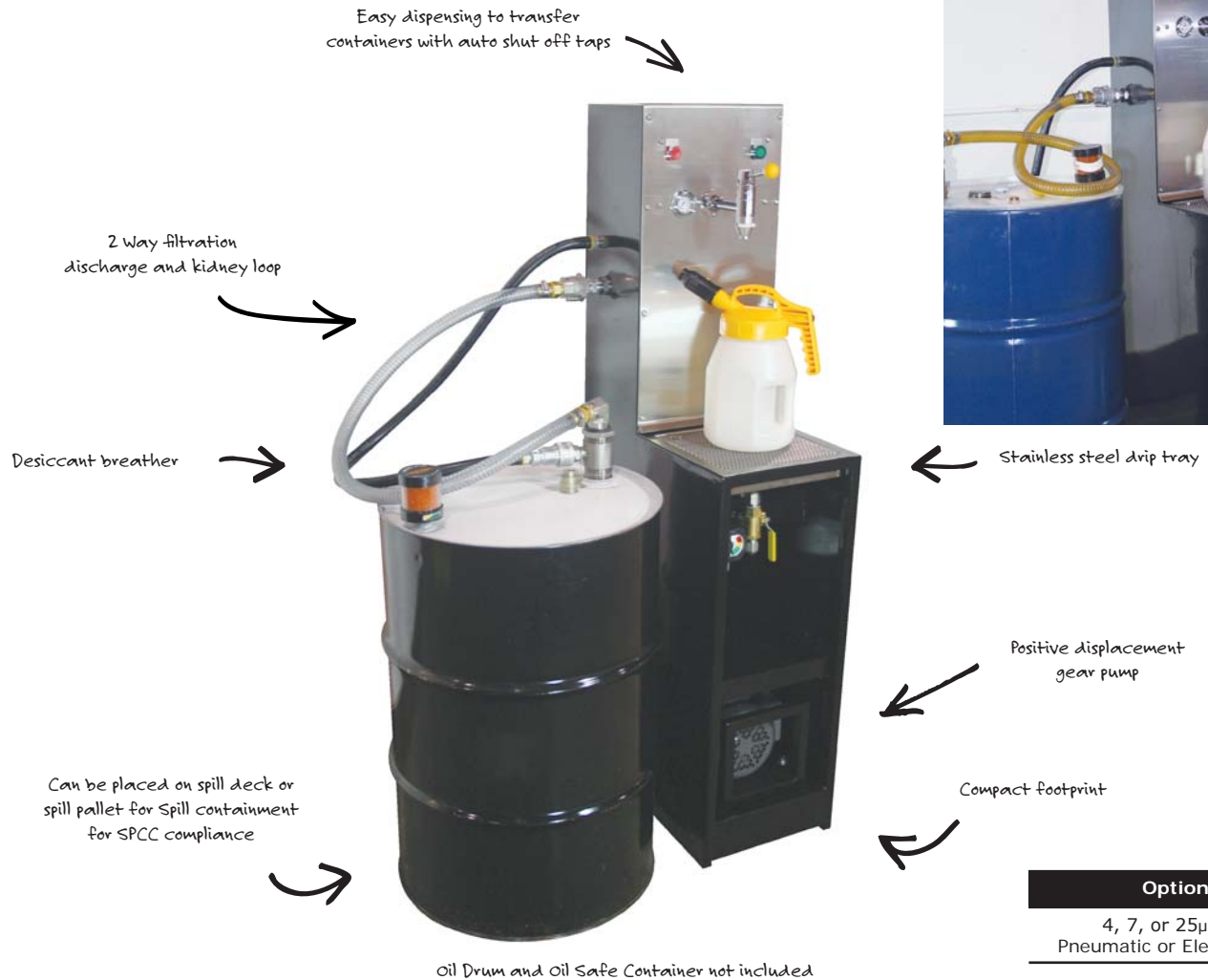


The Oil Safe Satellite Lube Room allows you to establish a safe and efficient remote base of operations for storing, dispensing, and managing your industrial lubricants. The sturdy steel structure offers a customized foundation for all your lubrication protection and storage needs. The shipping container lube room is customized with the Oil Safe Lubrication Work Center matched to your needs.

- Oil Safe Lubrication Work Center features dedicated Pump and Filter per tank to help prevent cross contamination. Built in spill containment. Each tank has three way filtration. Includes MSHA CFR30 rated hosing and included auto-shut off tank isolation valves. Dedicated dispensing station. Tanks available in 10 colors and 4 sizes; 30, 65, 120, and 240 gallon. OSHA Right to Know with color coded and labeled tanks. Taps are color coded to ensure accurate fluid identification and handling.
- 200 Amp electrical service panel with external shut-off.
- Work Table for additional surface area with overhead cord reel.
- Interior features LED lighting and HVAC system.
- Safety features include fire suppression system with alarm and carbon monoxide detector.
- Lockable entrance and side doors.
- Pre-Assembled - Minimal set-up required to get up and running quickly.
- Robust Construction.
- Available in 20ft and 40ft configurations.

# 55 Gallon Drum Work Station

Remote best practice contamination control



Options
4, 7, or 25µ Filter Pneumatic or Electric Pump

The Oil Safe 55 Gallon Drum Work Station delivers best practice contamination control for 55 gallon drums in a space efficient form. This space efficient design features a stainless steel dispensing console and drop pan, pressurized dispensing tap, dedicated suction hose, and a pump/filter providing 2 way filtration (filters while dispensing and recirculate (kidney loop)). Comes standard with a 7 micron Beta 2000 filter, other ratings available. Ships assembled and ready to use.

- Dedicated stainless/PVC suction spear/hose for drum with cam coupler.
- Positive displacement gear pump with internal bypass.
- Two way filtration.
- Delivered pre-assembled and ready to use.
- Electronic stop/start buttons.
- Color coded Quick Connects are installed on the system and the suction hoses. These Quick Connects fit only a matching color preventing accidental cross contamination.
- Compact Footprint - 14" wide x 24" deep x 65" tall.
- Drum can be placed on a drum deck or spill pallet for SPCC spill compliance if required.
- Available as electric or pneumatic.

Part #	Description
FF94500	55 Gallon Drum Work Station, TEFC 110v/14a
FF94520	55 Gallon Drum Work Station, TEFC 240v/10a

Optional: available in pneumatic version

## 55 Gallon Drum Work Station System Specifications

Pre-assembled	SPCC Spill Compliance	Taps	Pumps/Filter Sets	Filtration	Filter	Electrical Protection	Dispensing	High Viscosity Pumps	Hose Reels
Yes	No	Pressurized	1 per system	2-Way Dispense, Recirculate	Spin on filter 7µ β2000 (others available)	Yes	Console	Yes up to ISO 680	No

# Tote Dispensing Rack

Filter incoming tote lubricants for contamination control



Fits common totes (not included)

Electronic start/stop buttons

Easy dispensing to transfer containers or directly into equipment with the retractable hose reel

Pallet truck and forklift compatible

Positive displacement gear pump

Spill containment of 75 gallons per pod - connect multiple pods for additional containment (optional)

Tote is not included

- Options**
- 4, 7, or 25µ Filter
  - Pneumatic or Electric Pump
  - Digital Metering Gun

The Oil Safe Tote Dispensing Rack delivers best practice contamination control for common 300 gallon totes. This space efficient design lifts the tote off the ground for easy dispensing. Features retractable hose dispensing reel (25 feet) with trigger dispenser. Comes standard with a 7 micron Beta 2000 filter, other ratings available. Ships assembled and virtually ready to use - just attach the tote and connect hose (hose adapter may be necessary, available from the tote supplier), plug it in and you have a best practice dispensing rack.

- Positive displacement gear pump with internal bypass.
- Spill Containment - built in 75 gallon spill containment, additional spill pans available to expand spill capacity for SPCC compliance.
- Fits common totes.
- Heavy duty rack designed to accommodate totes with base dimensions less than 41" w x 46" d.
- Pre-Assembled.
- Available in electric and pneumatic.
- Compact Footprint - Each pod is 46" wide x 48" deep.

Part #	Description
FF94600	Tote Dispensing Rack, TEFC 110v/14a
FF94620	Tote Dispensing Rack, TEFC 240v/10a

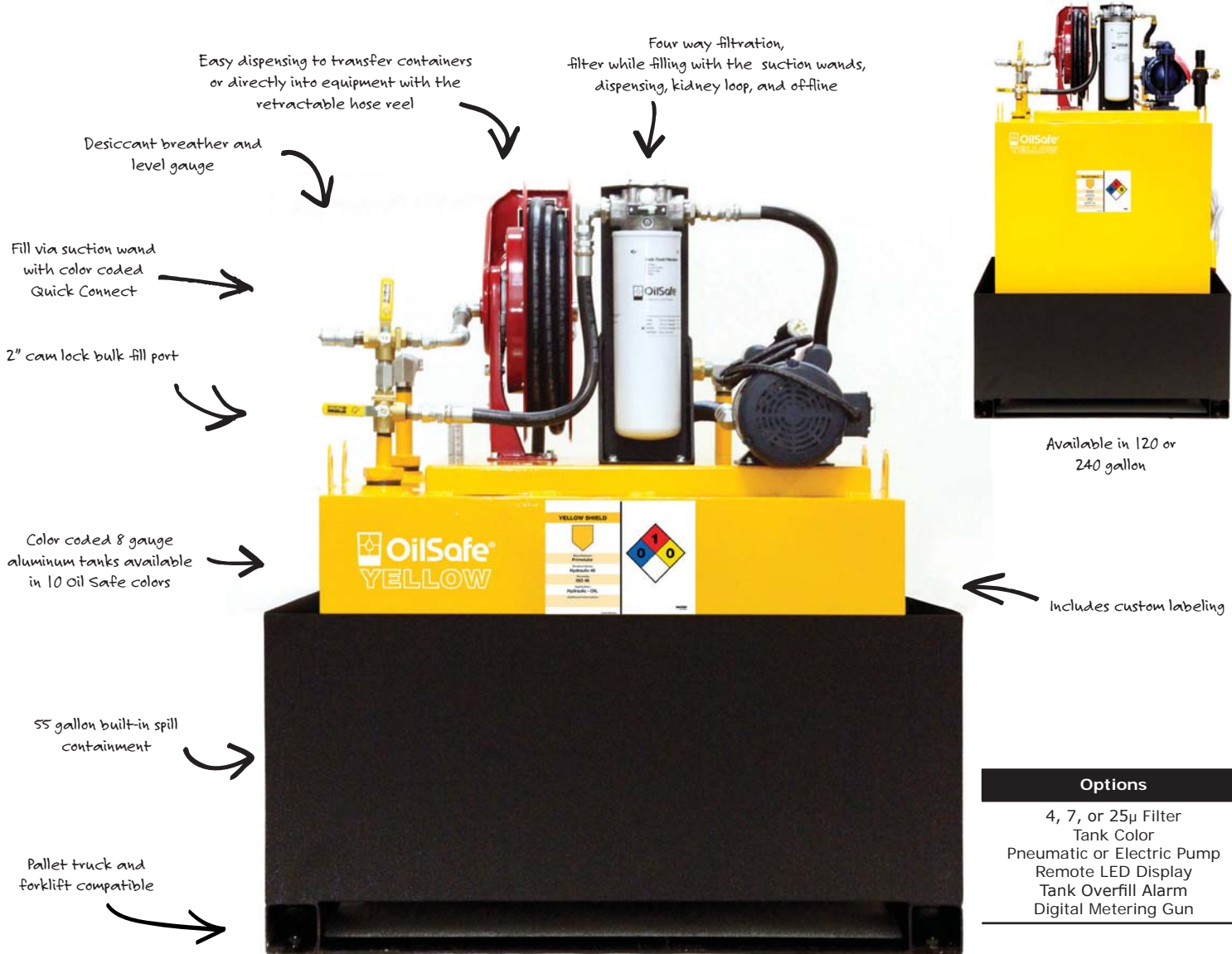
Optional: available in pneumatic version

## Tote Dispensing Rack Specifications

Pre-assembled	SPCC Spill Compliance	Taps	Pumps/Filter Sets	Filtration	Filter	Electrical Protection	Dispensing	High Viscosity Pumps	Hose Reel
Yes	No	Pressurized Hose Reel	1 per tank	1-Way Dispensing	Spin on filter 7µ β2000 (others available)	Yes	Hose Reel	Yes up to ISO 680	Yes 25 ft

# Bulk Fluid Transfer Skid

Large volume lubricant management



- Options**
- 4, 7, or 25µ Filter
  - Tank Color
  - Pneumatic or Electric Pump
  - Remote LED Display
  - Tank Overfill Alarm
  - Digital Metering Gun

The Oil Safe Bulk Transfer Skid give operations bulk fluid mobility in a safe and rugged form. Available in two tanks sizes of 120 and 240 gallons, it offers facilities a way to manage larger amounts of fluid with integrated fork lift pockets. Dispense with the hose reel to transfer containers, fluid carts, or directly into nearby equipment. Comes standard with a 25 micron Beta 2000 filter, other ratings available. Ships assembled.

- 25ft Hose Dispensing Reel with high flow dispensing gun; Metering gun upgrade available.
- Spill Containment - built in spill containment for work place safety.
- Four way filtration. Filters while filling (if not using bulk fill port), recirculate, dispensing, and offline.
- Heavy Duty Tanks - Tanks available in 10 colors and 2 sizes; 120 and 240 gallons.
- Pre-Assembled - Get up and running quickly without spending a couple of days chasing down tools and parts building a system.
- Compact Footprint - Each pod is 46" wide x 46" deep.

Part #	Description
FF94700	120 Gallon Bulk Fluid Transfer Skid
FF94701	240 Gallon Bulk Fluid Transfer Skid

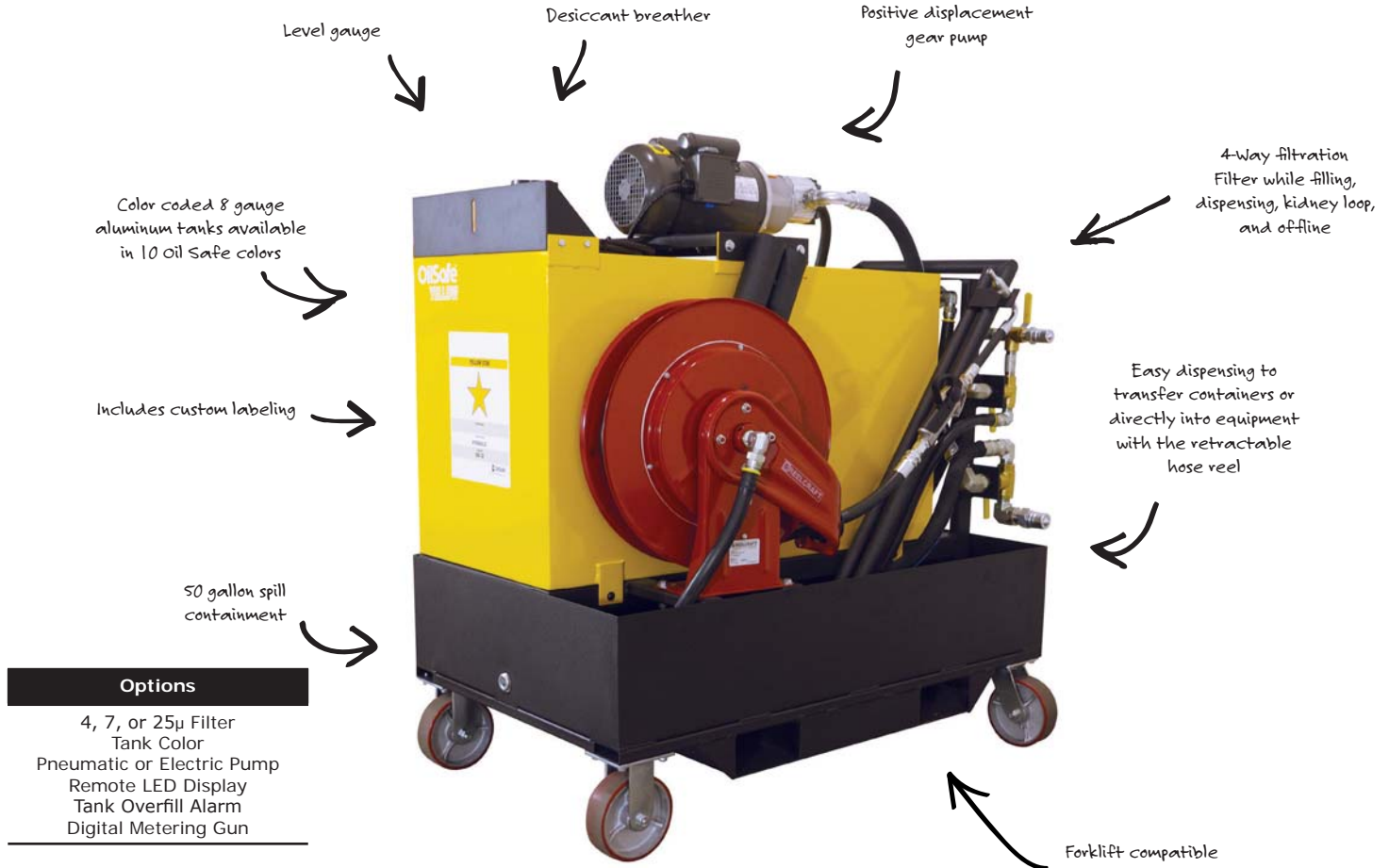
Optional: available in pneumatic version

## Bulk Fluid Transfer Skid Specifications

Pre-assembled	SPCC Spill Compliance	Taps	Pumps/Filter Sets	Filtration	Filter	Electrical Protection	Dispensing	High Viscosity Pumps	Hose Reel
Yes	No	Pressurized Hose Reel	1 per tank	3-Way Dispensing	Spin on filter 25µ β2000 (others available)	Yes	Hose Reel	Yes up to ISO 680	Yes 25 ft

# Advanced Fluid Cart

Portable fluid filtration and handling



- Options**
- 4, 7, or 25 $\mu$  Filter Tank Color
  - Pneumatic or Electric Pump
  - Remote LED Display
  - Tank Overfill Alarm
  - Digital Metering Gun

The Oil Safe Advance Fluid Handling Cart offers mobile best practices. This cart offers mobile storage of fluids in addition to fluid transfer and off-line filtration. Features color coding, 25ft dispensing hose reel, built in spill containment, and a pump/filter providing 4 way filtration (filters while filling, recirculate (kidney loop), dispensing, and off-line). Comes standard with a 7 micron Beta 2000 filter, other ratings available. Integrated forklift pockets and available with air or electric pumps. Ships assembled.

- 25ft Hose Dispensing Reel with high flow dispensing gun; Metering gun upgrade available.
- Built in spill containment.
- Four way filtration. Filters while filling (if not using bulk fill port), recirculate, dispensing, and offline.
- Heavy Duty Tank - 65 Gallon steel tank available in 10 colors.
- Color coded Quick Connects are installed on the system and the suction hoses. These Quick Connects fit only a matching color preventing accidental cross contamination.
- Pre-Assembled - Get up and running quickly without spending a couple of days chasing down tools and parts building a system.
- Compact Footprint - 28" wide x 45" deep x 47" tall.

Part #	Description
FF94765	65 Gallon Advanced Fluid Handling Cart
	Optional: available in pneumatic version

Advanced Fluid Cart Specifications									
Pre-assembled	SPCC Spill Containment	Taps	Pumps/Filter Sets	Filtration	Filter	Electrical Protection	Dispensing	High Viscosity Pumps	Hose Reel
Yes	No	Pressurized Hose Reel	1 per tank	4-Way Fill, Dispense, Recirculate, Off Line	Spin on filter 7 $\mu$ $\beta$ 2000 (others available)	Yes	Hose Reel	Yes up to ISO 680	Yes 25ft



# Waste Oil

Centralized collection point storage



The Oil Safe Waste Oil Skid give operations a collection point for used oils. Labeled for quick identification, the waste oil skid also features a funnel for pouring oils in and draining out filter elements. Users can also utilize the quick connects for transferring oils into the tank from mobile collection carts. Includes integrated spill containment, level gauge, and connection points for bulk truck servicing.

- 1/2" male quick connect for transferring oils into the tank.
- Funnel for pouring oils in and/or for draining out filter elements.
- Built in spill containment.
- Four leveling feet with forklift and pallet jack accessibility.
- Heavy Duty Tank - 120 or 240 Gallon steel tank.
- Identifiable white tank with a level indicator and 1-1/2" camlock access for bulk truck servicing.
- Pre-Assembled - Get up and running quickly without spending a couple of days chasing down tools and parts building a system.
- Compact Footprint - 46" x 46"

Part #	Description
FF94400	120 Gallon Waste Oil Skid
FF94401	240 Gallon Waste Oil Skid



## Used Oil Storage Tank

Used Oil Pump/Tank kit includes 300 gallon chute tank, a 3/4" double diaphragm pump, 3/4" x 12' suction hose with dry break disconnect, and 4 way valve system that allows the operator to evacuate portable oil drains via the suction valve position, or empty the tank by simply selecting the discharge valve position on the 4 way valve. Has convenient hatch opening with cover to allow filter elements to be drained prior to disposal. Hatch opening is also handy for emptying small containers of used oil. A tank level gauge is also included to allow monitoring of fluid level along with an air filter/regulator to control pumping rate. Chute opening 21" x 14" x 6.75". Dimensions: 37.5" D x 63" L x 58" H

Part # FF901076-12

# Bulk System Upgrades / Accessories



## Storage Cabinet

This large cabinet has the same dimensions as the bulk systems and offers tons of room for storing all types of grease and lube related items. Features four deep shelves, six smooth glide drawers, plastic bins, and rugged construction. Ships fully assembled. Dimensions: 88”h x 46”w x 46”d.

FF90150 Storage Cabinet

FF90151 Storage Cabinet with Integrated Spill Containment  
(Link pods together for extra containment capacity)



## Hose Rack

After emptying drums, totes, or pails, the suction hoses for the Advance and Work Centers can be stored in the Mobile Hose Cart, on Wall Mounted Rack, or if space permits on the side of your system with a Frame Mount Rack.

### Mobile Suction Hose Cart

- FF95004 Mobile Suction Hose Cart, 4 Hose
- FF95006 Mobile Suction Hose Cart, 6 Hose
- FF95008 Mobile Suction Hose Cart, 8 Hose
- FF95010 Mobile Suction Hose Cart, 10 Hose
- FF95012 Mobile Suction Hose Cart, 12 Hose

### Wall Mount Suction Hose Rack

- FF95104 Wall Mount Suction Hose Rack, 4 Hose
- FF95106 Wall Mount Suction Hose Rack, 6 Hose
- FF95108 Wall Mount Suction Hose Rack, 8 Hose

### Oil Safe Frame Mount Suction Hose Rack

- FF95204 Frame Mount Suction Hose Rack, 4 Hose
- FF95206 Frame Mount Suction Hose Rack, 6 Hose
- FF95208 Frame Mount Suction Hose Rack, 8 Hose



## Hose Reel

Retractable hose reels with trigger operated dispensing nozzles. A 3/4" diameter hose is available in 25 ft length allowing dispensing to lubricant carts, containers, or equipment.

Part Number : FF0225 Hose Reel, 25 ft

Upgrade available with Lubrication Work Center and some Advanced System configurations.



## Digital Metering Gun

Digital metering gun with nozzle and rigid spout provide instant and accurate measurement of dispensing volume.

Part Number : FF21251

Available for the Lubrication Work Center, Tote Dispensing Rack, Bulk Fluid Skid, and Advanced Fluid Handling Cart.



## Remote LED Display

Remote LED level display that accurately and reliably measures the level in your tank. It will transmit and display the level information to the wired LED display that you can put virtually anywhere. Features colored LEDs, 25ft cord, hi/lo level alarms. Powered by 9v battery (not included). For use with the standard level gauge included with bulk systems.

Part Number : FFRLD01



## Tank Overfill Alarm

Direct mount tank overfill alarm fits easily to tank level gauges and can be supplied with your system or retrofitted to an existing system. Features audible alarm, flashing light, reset, powered by 9 volt lithium battery (supplied), and test switch. For use with the standard level gauge included with bulk systems.

Part Number : FF97102



## Filter

Premium high quality Beta 2000 micro glass replacement bulk system filters provide maximum particle holding capacity and efficient operation.

FF69962 Filter Element OSF4 B2000 - 4um  
FF69964 Filter Element OSF7 B2000 - 7um  
FF69966 Filter Element OSF25 B2000 - 25um



## Breather

Replacement desiccant breather to help prevent moisture and airborne contaminants from entering tank.

Part Number : Z134



## Spill Containment Kit

Increase system spill containment for additional protection of SPCC compliance.

FF21352 Connector Kit, 2 Frame  
FF21353 Connector Kit, 3 Frame  
FF21354 Connector Kit, 4 Frame  
FF21355 Connector Kit, 5 Frame  
FF21356 Connector Kit, 6 Frame



**storage systems**



**transfer containers**



**filter carts**

**Need a customized solution?  
Need a new or updated lube room?  
Need a single source?**

**many products...one vendor.**

Color coded lubrication equipment and accessories.

Bulk Systems • Cabinets • Spill Decks • Lube Containers  
ID/Labeling • Grease Equipment • Filter Carts • Desiccant Breathers  
and more



# Storage Cabinets

## All-Welded Storage Cabinets 14 Gauge Steel Construction



### Combination/Bin Cabinet

- Includes one full-width shelf
- 3 half-shelves adjustable on 3" centers with 50 small plastic bins on door
- 14 large bins
- 36" w x 21" d x 82" h

Part Number : FF1122



### Four Shelf/36 Bin Cabinet

- Includes one full-width shelf
- 3 half-shelves adjustable on 3" centers with 50 small plastic bins on door
- 14 large bins
- 12 removable tilt-bin in each door
- 39" w x 27" d x 76" h

Part Number : FF1128



### Shelf/Bin Cabinet

- Includes three full-width shelves adjustable on 3" centers
- 16 large bins
- 36" w x 21" d x 82" h

Part Number : FF1123



### Maintenance Center

- One modular drawer with latch-in latch-out and flip-up drawer cover kit that provides a work surface for light duty work
- 3 modular drawers
- Hinged lock bar on modular drawers
- 8 tilt bins per door
- 2 shelves per door
- 39" w x 36.5" d x 76" h

Part Number : FF1104F



### Four Shelf/24 Bin Cabinet

- 4 full width shelves adjustable on 3" centers
- 12 removable tilt-bin in each door
- 39" w x 27" d x 76" h

Part Number : FF1125



### Safety Center

- Includes four full width shelves
- Yellow finish
- 48" w x 24" d x 82" h

Part Number : FF1120SC



### Two Shelf/40 Bin Cabinet

- 2 full width shelves adjustable on 3" centers
- 16 large bins
- 12 removable tilt-bin in each door
- 39" w x 27" d x 76" h

Part Number : FF1126



### Mobile Work Center

- Ball bearing drawer slides
- Shelf is adjustable on 3" centers
- Smooth rolling casters
- Steel doors feature padlock hasp
- 48" w x 26" d x 36" h

Part Number : FFDD900 with drawers  
Part Number : FFDD901 without drawers



# Safety Cabinets

Flammable Safety Cabinets provide protection for your employees and property with proper storage of flammable liquids.



Made in USA

# LYON®



FFR5471  
43" x 18" x 18"  
12 gallon



FFR5474  
23.25" x 18" x 44"  
15 gallon



FFR5466/FFR5469  
43" x 12" x 44"  
20 gallon



FFR5470  
17" x 17" x 22"  
4 gallon



FFR5473  
23.25" x 18" x 35"  
12 gallon



FFR5472/FFR5465  
43" x 18" x 24"  
17 gallon

- Conforms to NFPA Fire Code No. 30 and OSHA Standards
- Yellow color and labeled for flammable use for quick identification
- Adjust or add shelves for different configurations
- Add the optional trays for added protection



FFR5467  
35" x 22" x 35"  
22 gallon



FFR5440N/FFR5441N  
43" x 18" x 44"  
30 gallon



FFR5444N/FFR5445N  
43" x 18" x 65"  
45 gallon



FFR5460/FFR5461  
32" x 32" x 65"  
60 gallon

### CABINET SPECIFICATIONS

### CABINET OPTIONS

CAPACITY	W x D x H	NUMBER OF SHELVES	PART # MANUAL CLOSING	PART # SELF CLOSING	PART # EXTRA SHELF	PART # MOUNTING BRACKETS	PART # TRAY
4 gallon	17" x 17" x 22"	1	FFR5470	-	FFN5478	FF5480	-
12 gallon	23.25" x 18" x 35"	1	FFR5473	-	FFN5476	-	-
12 gallon	43" x 18" x 18"	-	FFR5471	-	-	FF5479	-
15 gallon	23.25" x 18" x 44"	1	FFR5474	-	FFN5476	-	-
17 gallon	43" x 18" x 24"	1	FFR5472	-	FFN5449	FF5479	-
17 gallon	43" x 18" x 24"	1	FFR5465	-	FFN5449	included	-
20 gallon	43" x 12" x 44"	2	FFR5466	-	FFN5477	included	-
20 gallon	43" x 12" x 44"	2	FFR5469	-	FFN5477	FF5479	FF5552
22 gallon	35" x 22" x 35"	1	FFR5467	-	FFN5468	-	FF5568
30 gallon	43" x 18" x 44"	1	FFR5440N	FFR5441N	FFN5449	-	FF5550
45 gallon	43" x 18" x 65"	2	FFR5444N	FFR5445N	FFN5449	-	FF5550
60 gallon	32" x 32" x 65"	2	FFR5460	FFR5461	FFN5450	-	-

Not recommended for Phenol, Sulfuric, or Nitric Acids

# Bulk Storage Racks



Starter with No Decking



Starter with Solid Decking



Starter with Ribbed Decking



Starter Add-On

Designed for the hand-loading of intermediate weighted bulky items, this versatile rack system can be used in hundreds of storage applications. In addition to storing your lubrication items such as Oil Safe drums and lids, it can also be used for hundreds of applications around your facility. Heavy-duty 14-gauge steel beams included.

Levels	Height	Depth	Type	60" Wide Racks					72" Wide Racks				
				No Deck	Solid	Ribbed	Wire	Particle	No Deck	Solid	Ribbed	Wire	Particle
3	60"	24"	Starter	67201S	-	67201SR	67201SW	67201SP	67301S	67301SD	67301SR	67301SW	67301SP
			Add-On	67201	-	67201R	67201W	67201P	67301	67301D	67301R	67301W	67301P
		30"	Starter	67202S	67202SD	67202SR	67202SW	-	67302S	-	67302SR	67302SW	-
			Add-On	67202	67202D	67202R	67202W	-	67302	-	67302R	67302W	-
		36"	Starter	67203S	67203SD	67203SR	67203SW	67203SP	67303S	67303SD	67303SR	67303SW	67303SP
			Add-On	67203	67203D	67203R	67203W	67203P	67303	67303D	67303R	67303W	67303P
48"	Starter	67205S	67205SD	67205SR	67205SW	67205SP	67305S	67305SD	67305SR	67305SW	67305SP		
	Add-On	67205	67205D	67205R	67205W	67205P	67305	67305D	67305R	67305W	67305P		
3	72"	24"	Starter	67211S	-	67211SR	67211SW	67211SP	67311S	67311SD	67311SR	67311SW	67311SP
			Add-On	67211	-	67211R	67211W	67211P	67311	67311D	67311R	67311W	67311P
		30"	Starter	67212S	67212SD	67212SR	67212SW	-	67312S	-	67312SR	67312SW	-
			Add-On	67212	67212D	67212R	67212W	-	67312	-	67312R	67312W	-
		36"	Starter	67213S	67213SD	67213SR	67213SW	67213SP	67313S	67313SD	67313SR	67313SW	67313SP
			Add-On	67213	67213D	67213R	67213W	67213P	67313	67313D	67313R	67313W	67313P
48"	Starter	67215S	67215SD	67215SR	67215SW	67215SP	67315S	67315SD	67315SR	67315SW	67315SP		
	Add-On	67215	67215D	67215R	67215W	67215P	67315	67315D	67315R	67315W	67315P		
3	84"	24"	Starter	67221S	-	67221SR	67221SW	67221SP	67321S	67321SD	67321SR	67321SW	67321SP
			Add-On	67221	-	67221R	67221W	67221P	67321	67321D	67321R	67321W	67321P
		30"	Starter	67222S	67222SD	67222SR	67222SW	-	67322S	-	67322SR	67322SW	-
			Add-On	67222	67222D	67222R	67222W	-	67322	-	67322R	67322W	-
		36"	Starter	67223S	67223SD	67223SR	67223SW	67223SP	67323S	67323SD	67323SR	67323SW	67323SP
			Add-On	67223	67223D	67223R	67223W	67223P	67323	67323D	67323R	67323W	67323P
48"	Starter	67225S	67225SD	67225SR	67225SW	67225SP	67325S	67325SD	67325SR	67325SW	67325SP		
	Add-On	67225	67225D	67225R	67225W	67225P	67325	67325D	67325R	67325W	67325P		
4	96"	24"	Starter	67231S	-	67231SR	67231SW	67231SP	67331S	67331SD	67331SR	67331SW	67331SP
			Add-On	67231	-	67231R	67231W	67231P	67331	67331D	67331R	67331W	67331P
		30"	Starter	67232S	67232SD	67232SR	67232SW	-	67332S	-	67332SR	67332SW	-
			Add-On	67232	67232D	67232R	67232W	-	67332	-	67332R	67332W	-
		36"	Starter	67233S	67233SD	67233SR	67233SW	67233SP	67333S	67333SD	67333SR	67333SW	67333SP
			Add-On	67233	67233D	67233R	67233W	67233P	67333	67333D	67333R	67333W	67333P
48"	Starter	67235S	67235SD	67235SR	67235SW	67235SP	67335S	67335SD	67335SR	67335SW	67335SP		
	Add-On	67235	67235D	67235R	67235W	67235P	67335	67335D	67335R	67335W	67335P		





Starter with Heavy Duty Wire Decking



Starter with Particle Board

**LYON**

**Made in USA**

				84" Wide Racks					96" Wide Racks				
Levels	Height	Depth	Type	No Deck	Solid	Ribbed	Wire	Particle	No Deck	Solid	Ribbed	Wire	Particle
3	60"	24"	Starter	67401S	67401SD	67401SR	67401SW	-	67501S	67501SD	67501SR	67501SW	67501SP
			Add-On	67401	67401D	67401R	67401W	-	67501	67501D	67501R	67501W	67501P
		30"	Starter	67402S	-	67402SR	67402SW	-	67502S	-	67502SR	67502SW	-
			Add-On	67402	-	67402R	67402W	-	67502	-	67502R	67502W	-
		36"	Starter	67403S	67403SD	67403SR	67403SW	-	67503S	67503SD	67503SR	67503SW	67503SP
			Add-On	67403	67403D	67403R	67403W	-	67503	67503D	67503R	67503W	67503P
48"	Starter	67405S	67405SD	67405SR	67405SW	-	67505S	67505SD	67505SR	67505SW	67505SP		
	Add-On	67405	67405D	67405R	67405W	-	67505	67505D	67505R	67505W	67505P		
3	72"	24"	Starter	67411S	67411SD	67411SR	67411SW	-	67511S	67511SD	67511SR	67511SW	67511SP
			Add-On	67411	67411D	67411R	67411W	-	67511	67511D	67511R	67511W	67511P
		30"	Starter	67412S	-	67412SR	67412SW	-	67512S	-	67512SR	67512SW	-
			Add-On	67412	-	67412R	67412W	-	67512	-	67512R	67512W	-
		36"	Starter	67413S	67413SD	67413SR	67413SW	-	67513S	67513SD	67513SR	67513SW	67513SP
			Add-On	67413	67413D	67413R	67413W	-	67513	67513D	67513R	67513W	67513P
48"	Starter	67415S	67415SD	67415SR	67415SW	-	67515S	67515SD	67515SR	67515SW	67515SP		
	Add-On	67415	67415D	67415R	67415W	-	67515	67515D	67515R	67515W	67515P		
3	84"	24"	Starter	67421S	67421SD	67421SR	67421SW	-	67521S	67521SD	67521SR	67521SW	67521SP
			Add-On	67421	67421D	67421R	67421W	-	67521	67521D	67521R	67521W	67521P
		30"	Starter	67422S	-	67422SR	67422SW	-	67522S	-	67522SR	67522SW	-
			Add-On	67422	-	67422R	67422W	-	67522	-	67522R	67522W	-
		36"	Starter	67423S	67423SD	67423SR	67423SW	-	67523S	67523SD	67523SR	67523SW	67523SP
			Add-On	67423	67423D	67423R	67423W	-	67523	67523D	67523R	67523W	67523P
48"	Starter	67425S	67425SD	67425SR	67425SW	-	67525S	67525SD	67525SR	67525SW	67525SP		
	Add-On	67425	67425D	67425R	67425W	-	67525	67525D	67525R	67525W	67525P		
4	96"	24"	Starter	67431S	67431SD	67431SR	67431SW	-	67531S	67531SD	67531SR	67531SW	67531SP
			Add-On	67431	67431D	67431R	67431W	-	67531	67531D	67531R	67531W	67531P
		30"	Starter	67432S	-	67432SR	67432SW	-	67532S	-	67532SR	67532SW	-
			Add-On	67432	-	67432R	67432W	-	67532	-	67532R	67532W	-
		36"	Starter	67433S	67433SD	67433SR	67433SW	-	67533S	67533SD	67533SR	67533SW	67533SP
			Add-On	67433	67433D	67433R	67433W	-	67533	67533D	67533R	67533W	67533P
48"	Starter	67435S	67435SD	67435SR	67435SW	-	67535S	67535SD	67535SR	67535SW	67535SP		
	Add-On	67435	67435D	67435R	67435W	-	67535	67535D	67535R	67535W	67535P		

# Bulk Storage Racks

**Step 1** Select Upright Assembly

**Step 2** Select Beam

**Step 3** Select Decking

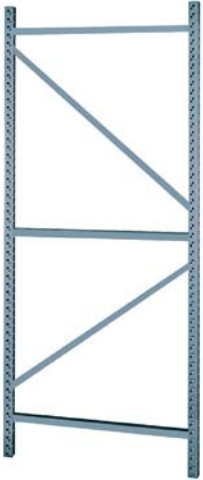
**Step 4** Select Front-to-Back Supports

**Step 5** Select Accessories



## Step 1 Select Upright Assembly

- Welded upright has tubular bracing, mig-welded to post
- 10,000 lb capacity per section

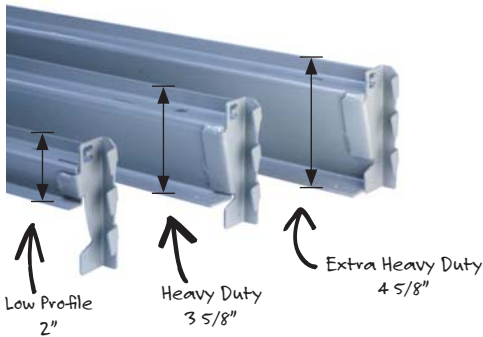


All-Welded Upright Assembly

Depth	60" High	72" High	84" High	96" High	120" High	144" High
24"	64242	64243	64244	64245	64247	64249
30"	64302	64303	64304	64305	64307	64309
36"	64362	64363	64364	64365	64367	64369
42"	64422	64423	64424	64425	64427	64429
48"	64482	64483	64484	64485	64487	64489

## Step 2 Select Beams

- Low Profile Beams offer light weight alternative to increase vertical storage capacity
- Heavy Duty Beams increase strength and load capacity



Beams

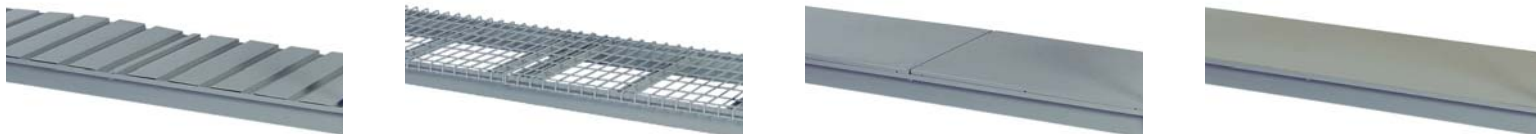
Nominal Width	Low Profile		Heavy Duty		Extra Heavy Duty	
	Part #	Capacity	Part #	Capacity	Part #	Capacity
48"	62048	665	62148	3300	-	-
60"	62060	530	62160	2600	-	-
72"	62072	440	62172	1900	62272	3300
84"	62084	380	62184	1775	-	-
96"	62096	330	62196	1650	62296	3300

**Note:** Beams are sold as a pack of 2.

## Step 3 Select Decking

- Solid Decking provides a smooth surface
- Particle Board Decking is durable 5/8" thick particle board for dry applications
- Ribbed Decking allows for space to grab packages easily (1 3/4" w x 5/8" d rib)
- Heavy Duty Wire Decking features 4"x2" wire mesh and a 1 1/4" waterfall along front and rear

Beam Width	Qty of Decking Required
48"	2 - 24" wide
60"	1 - 24" wide + 1 = 36" wide
72"	2 - 36" wide
84"	2 - 24" wide + 1 - 36" wide
96"	1 - 24" wide + 2 - 36" wide



Decking									
Width	Depth	Ribbed Decking		Heavy Duty Wire Decking		Solid Decking		Particle Board Decking	
		Part #	Capacity lbs	Part #	Capacity lbs	Part #	Capacity lbs	Part #	Capacity lbs
24"	24"	652241	1400	65454	1200	-	-	-	-
24"	30"	652301	1200	65456	1100	-	-	-	-
24"	36"	652631	1000	65458	1200	8562H	800	72508	750
24"	42"	652421	800	65460	1000	8567X	880	-	-
24"	48"	652481	600	65462	1000	3202X	750	72528	750
36"	24"	653241	1800	65472	1200	8562H	800	72508	750
36"	30"	653301	1600	65474	1100	8558H	740	-	-
36"	36"	653361	1400	65476	1200	8586X	850	-	-
36"	42"	653421	1100	65478	1000	8589X	820	-	-
36"	48"	653481	900	65480	1000	8592X	640	72532	750

**Note:** Decking sold individually

## Step 4 Select Front-to-Back Supports

- One to four supports per level are required based on beam width and type of decking
- Used to minimize beam rotation under heavy loads
- No hardware or tools needed



Front-to-Back Supports	
Rack Depth	Part #
24"	65824
30"	65830
36"	65830
42"	65842
48"	65848

Minimum required when used with:		
Beam Width	Plywood Particle Board	Solid, Ribbed, Wire, No Deck
48"	2	1
60"	2	1
72"	3	2
84"	3	2
96"	4	2

## Step 5 Select Accessories



**Back-To-Back Support**  
Ties bulk storage racks back to back, maintains stability and spacing without interfering with storage space.  
Overall extension: 12" - 17 1/2"  
Part Number : 65140



**Back-To-Wall Support**  
Bolts to upright member and wall to maintain shelving stability.  
Overall extension: 12" - 17 1/2"  
Part Number : 65145



**Anchoring Foot**  
To anchor upright assembly to floor.  
Part Number : 65130



**End-Tie Plate**  
Ties bulk storage racks back to back to maintain uniform spacing and stability.  
Part Number : 65142

# Fix Old Habits



Don't use old containers to transport fluid to any equipment. It quickly introduces contamination



Funnels are susceptible to dirt and dust in addition to cross contamination. Use the ForFluids Oil Safe containers and if you have to use a funnel, use a disposable paper funnel



Don't store drums where dust and dirt can collect on top or in locations where they can collect rain water



Funnel and old bottle... double violation Just don't do this



Open air transfer containers introduce moisture, dust, and dirt to your fluids. Use an Oil Safe transfer container assigned only to one fluid



# Spill Decks / Pallets



There's no need to worry about incidental spills on your factory floor. These spill decks are easy to load with a low profile design and optional ramp. Each spill deck is designed for stand-alone use or can connect with other spill decks for using Link-Locks, for a customized work area.

- Tough, one piece polyethylene construction will not rust or corrode.
- Large sump capacity catches incidental spills.
- Removable heavy-duty structural form grates for easy cleaning.
- Rolled-edge design helps resist cracking and warpage.
- Doors include 3-point latching device with key lock.
- Ramp hooks onto spill deck for easy loading.
- Create a solid workspace using Link-Locks.

## SPILL DECKS

Part #	Description	Dimensions	Load Capacity lb (kg)	Spill Capacity gal (L)	Weight lb (kg)	Regulations
450512	2 Drum Spill Deck	inch: 53 x 28.5 x 6 cm: 135 x 72 x 15	2400 (1089)	22 (83.2)	39 (18)	EPA 40 CFR 264.175, SPCC, NPDES and UFC
450514	4 Drum Spill Deck	inch: 53 x 53 x 6 cm: 133 x 135 x 15	6000 (2722)	40 (151.4)	71 (32)	EPA 40 CFR 264.175, SPCC, NPDES and UFC
450516	6 Drum Spill Deck	inch: 77 x 53 x 6 cm: 196 x 135 x 15	7000 (3175)	61 (230.9)	102 (46)	EPA 40 CFR 264.175, SPCC, NPDES and UFC
450518	8 Drum Spill Deck	inch: 100 x 53.25 x 6 cm: 254 x 135 x 15	8000 (3629)	77 (291.4)	163 (74)	EPA 40 CFR 264.175, SPCC, NPDES and UFC
450520	Link Lock for Spill Decks, 1 pair	inch: 9.5 x 7 x 3.5 cm: 24 x 18 x 9	—	—	3 (1.3)	—
450555	6" Ramp	inch: 46 x 26 x 6 cm: 117 x 64 x 16	1000 (454)	—	30 (14)	—



Spill pallets offer greater secondary containment to meet regulatory requirements. Raised edges on back and sides helps orient barrels on the pallet. Pallets are forkliftable and have removable grates for easy cleaning. Includes drain and plug. The IBC Spill Pallet gives bulk container users more versatile spill containment. It fits more than 99% of all IBC dispensing units and features a large sump capacity of 385 gallons; more than exceeding EPA 40 CFR 264.175 regulations. The unit also comes with an integrated 5-gallon pail holder for quick and easy dispensing. A one-piece, light weight, 100% polyethylene IBC spill containment unit that is forkliftable and nestable for convenient shipment and storage and it reduces shipping costs. The polyethylene construction will not rust, corrode, or have adverse reactions with chemicals.

## SPILL PALLETS

Part #	Description	Dimensions	Load Capacity lb (kg)	Spill Capacity gal (L)	Weight lb (kg)	Regulations
450612	2 Drum Spill Pallet	inch: 54 x 29 x 17 cm: 136 x 74 x 43	2000 (907)	58 (219.5)	56 (25)	EPA 40 CFR 264.175, SPCC, NPDES
450614-IL	4 Drum - In Line Low Profile Spill Pallet	inch: 98 x 25 x 12 cm: 249 x 64 x 30	3000 (1361)	66 (250)	84 (38)	EPA 40 CFR 264.175, SPCC, NPDES and UFC
450614-LP	4 Drum - Square Low Profile Spill Pallet	inch: 54 x 54 x 12 cm: 137 x 137 x 30	6000 (2721)	66 (250)	91 (42)	EPA 40 CFR 264.175, SPCC, NPDES and UFC
450503	IBC Spill Pallet	inch: 73 x 81 x 30 cm: 185 x 204 x 75	8000 (3629)	385 (1457)	291 (132)	EPA 40 CFR 264.175, SPCC, NPDES and UFC
450315	12" Ramp	inch: 68 x 31 x 12.5 cm: 172 x 78 x 32	1000 (454)	—	65 (30)	—
450316	Ramp Extender	inch: 29.5 x 8.5 x 5.5 cm: 75 x 22 x 14	1000 (454)	—	6 (2.7)	—

# Transfer Containers



For nearly two decades, the Oil Safe System has been the oil transfer management system preferred by leading companies around the world.

People often go to great lengths to preserve the quality of their oil only to contaminate it by using filthy containers, pouring it through a dirty funnel, or inadvertently mixing it with different oil.

The Oil Safe system is a fully sealing unit that prevents contaminants from getting into the oil. The pour spouts available make dispensing quick and easy and with 10 different colors help prevent cross contamination.



## Available in 10 Colors



Oil Safe down-stroke pump delivers 1 liter with approximately 12 strokes

Bright colors make Oil Safe dispensers easy to find and easy to color code lubricants

Fully interchangeable drums and lids, any style lid works with any size drum

Quick twist spout is easy to open and close. Controls flow and keeps dirt out

See through drums with graduated markings in both liter and US quarts make it easy to see and measure levels

Push button auto shutoff air intake enables smooth pouring of lubricants

Robust lid design for easier handling



**WARNING:** Not suitable for fuels or solvents.



# Transfer Containers

**COMPATIBILITY:** Drums and lids are HDPE with Buna seals. Other seals available.



## Mini Spout Lid

With an outlet diameter of approximately .25" (7mm), this spout is ideal for lubrication jobs where equipment filler holes are small. The narrow spout is perfect for precise filling.

Beige	100400	Mid Green	100405
Black	100401	Orange	100406
Blue	100402	Purple	100407
Dark Green	100403	Red	100408
Gray	100404	Yellow	100409



## Stretch Spout Lid

Designed for use where precision pouring of lubricants is required including hard to reach areas. With a .5" spout opening and longer spout, this lid is ideal for lower viscosity oils (<ISO 220).

Beige	100300	Mid Green	100305
Black	100301	Orange	100306
Blue	100302	Purple	100307
Dark Green	100303	Red	100308
Gray	100304	Yellow	100309



Stretch Spout Extension Hose 12"	102020
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## Stumpy Spout Lid

This wide spout model with a 1" opening is designed for applications where a higher lubricant flow is required. Match with a Stumpy Extension Hose to help with hard to reach fill points.

Beige	100500	Mid Green	100505
Black	100501	Orange	100506
Blue	100502	Purple	100507
Dark Green	100503	Red	100508
Gray	100504	Yellow	100509



Stumpy Spout Extension Hose 10"	102021
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## Storage Lid

With this lid, Oil Safe drums can be pre filled for storage or easier transportation. This is a convenient alternative to handling those bulky 5 gallon pails.

Beige	100100	Mid Green	100105
Black	100101	Orange	100106
Blue	100102	Purple	100107
Dark Green	100103	Red	100108
Gray	100104	Yellow	100109



## Utility Lid

This multi purpose lid with a large 2" outlet hole ensures controlled fast pouring of lubricants. Match this lid to a 3, 5, or 10 liter/quart drum for use with Oil Safe pump.

Beige	100200	Mid Green	100205
Black	100201	Orange	100206
Blue	100202	Purple	100207
Dark Green	100203	Red	100208
Gray	100204	Yellow	100209

**WARNING:** Not suitable for fuels or solvents.





**COMPATIBILITY:** Drums and lids are HDPE with Buna seals. Other seals available.

### Drum

Every Oil Safe lid fits any Oil Safe drum. Fully interchangeable with lids and have an extra wide neck opening for rapid pouring and easy cleaning. Has Metric/Quart marks.

Tip: Any Oil Safe lid fits any Oil Safe drum

1.5 Liter/US Quart	101001
2 Liter/US Quart	101002
3 Liter/US Quart	101003
5 Liter/US Quart	101005
10 Liter/US Quart	101010



### Premium Pump

This heavy duty discharge pump is fully serviceable, color coded, accessory port, and has an ultra comfortable D handle grip design. Match with the Utility Lid and 3, 5, or 10 liter/quart Oil Safe drum.

Beige	102300	Mid Green	102305
Black	102301	Orange	102306
Blue	102302	Purple	102307
Dark Green	102303	Red	102308
Gray	102304	Yellow	102309

### Premium Pump Quick Connect Kits

Configure the Premium Pump for operation with quick connects enabling the container to be filled without removing the lid. It also enables attachment to machinery fill points by quick connect via the pump discharge hose. Includes discharge hose with 1/4" NPT male adapter, 1/4" NPT male adapter for pump return for fitting your preferred male quick connect, and 10 micron breather. Does not include male or female quick connects.



5' Hose 1/4" NPT Kit w/breather	920220
10' Hose 1/4" NPT Kit w/breather	920225

### Premium Pump Breathers

Protect lubricants against airborne contaminants with these breathers attached to the accessory port of the Oil Safe Premium Pumps. Available in 3 or 10 micron.



3 micron Baffle Breather	920255
10 micron Trap Breather	920250

Tip: To use the pumps it needs to be matched with a Utility Lid

Tip: Pumps cannot be used with a 1.5 or 2 quart drum



### Standard Pump

Excellent for lubricating hard to reach fill points. This down stroke discharge pump delivers 1 liter for approximately 12 strokes. Match with the Utility Lid and 3, 5, or 10 liter/quart Oil Safe drum.

Standard Pump	102000
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### Pump Discharge Hoses

Replacement 5 foot hoses or a 10 foot version for when a longer reach is required. Screws onto both Standard and Premium Oil Safe Pumps.

5' Replacement Pump Hose	920206
10' Replacement Pump Hose	920207
5' Replacement Hose w/ 1/4" NPT	920208
10' Replacement Hose w/ 1/4" NPT	920209



### Pump Reducer Nozzle

This nozzle fits on the end of both the premium and standard pump tips and reduces the outlet diameter to 1/4" for small fill points.

Pump Reducer Nozzle	102030
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**WARNING:** Not suitable for fuels or solvents.

# Transfer Containers and Accessories



## Starter Kit

Instantly improve your lubrication and get up and running with 5 different drums and lids including a standard pump and spout extensions.

- Stumpy Spout Lid - Yellow
- Stretch Spout Lid - Red
- Mini Spout Lid - Purple
- Utility Lid - Light Green
- Storage Lid - Blue
- 1.5 Quart Drum
- 2 Quart Drum
- 3 Quart Drum
- 5 Quart Drum
- 10 Quart Drum
- Standard Hand Pump
- Pump Reducer Nozzle
- Stretch Spout Hose Extension
- Stumpy Spout Hose Extension

Starter Kit	FF0010
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## Color Drum Ring

This drum ring fits securely onto Oil Safe containers and provides an additional layer of color coding. A hook offers additional labeling options with leashes and pouches.

Beige	207000	Mid Green	207005
Black	207001	Orange	207006
Blue	207002	Purple	207007
Dark Green	207003	Red	207008
Gray	207004	Yellow	207009



## Label Pocket

Pockets available in 2 sizes and fits content labels, card stock, and more. The larger size offers space for additional information such as MSDS or other information.

2" x 3.5"	200101
4" x 3.25"	200102



## Label Leash

Securely attach label pockets to containers, drum rings, machinery, piping, and more. Industrial grade and can be easily removed and reused.

Label Leash	202001
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## Pump Accessories



### Premium Pump Collars

Replaceable color coded pump collars for the OilSafe Premium Pump.

Beige	920300	Mid Green	920305
Black	920301	Orange	920306
Blue	920302	Purple	920307
Dark Green	920303	Red	920308
Gray	920304	Yellow	920309



### 1/4" NPT Male Adapter

For use with OilSafe Premium Pump, this brass fitting provides fitting of quick connects.

Part Number : 920260



### Pump Discharge Hoses

Replacement 5 foot hoses or a 10 foot version for when a longer reach is required. Screws onto both Standard and Premium Oil Safe Pumps.

5' Replacement Pump Hose	920206
10' Replacement Pump Hose	920207
5' Replacement Hose w/ 1/4" NPT	920208
10' Replacement Hose w/ 1/4" NPT	920209



### Pump Reducer Nozzle

This nozzle fits on the end of both the premium and standard pump tips and reduces the outlet diameter to 1/4" for small fill points.

Part Number : 102030



### Premium Pump Breathers

Protect lubricants against airborne contaminants with these breathers attached to the accessory port of the Oil Safe Premium Pumps. Available in 3 or 10 micron.

3 micron Baffle Breather	920255
10 micron Trap Breather	920250



### Pump Extension Sleeve

Replacement extension sleeve for both the Standard and Premium Pumps to reach the bottom of the 10 liter/quart drums.

Part Number : 920205

## Lid Accessories



### Spout Valve Kits

Replacement twist top spouts on OilSafe lids.

Spout Valve for Mini Spout	920200
Spout Valve for Stretch Spout	920201
Spout Valve for Stumpy Spout	920202



### Air Breather Kit

Replace the auto-shut-off air breather button on OilSafe spout lids. Comes complete with nitrile o-rings and fits Mini, Stretch, and Stumpy spout lids.

Part Number : 920203



### Utility Lid Cap

Did you lose your cap? No worries, replace it.

Part Number : 920204



### O-Ring Kits

Replace the seals on your OilSafe products with these o-ring kits. All OilSafe products come standard with Nitrile O-Rings, except the Premium Pump.

Consider Viton O-Rings for synthetic oils where solvent content may be high.

O-Ring Kit Description	Nitrile Part #	Viton Part #
Main Lid Seal	920000	920100
Mini Spout Lid (comes with all 4 o-rings)	920001	920101
Stretch Spout Lid (comes with all 4 o-rings)	920002	920102
Stumpy Spout Lid (comes with all 4 o-rings)	920003	920103
Stretch Hose Extension	920004	920104
Stumpy Spout Extension	920005	920105
Standard Pump & Premium Pump Sleeve	920006	920106
Premium Pump	-	920107

# Identification

## Content Labels

Available in 10 colors and a variety of sizes and materials, helps with lubrication management, reducing errors, and safety compliance.



**Labeling an OILSAFE Container**



**Labeling an OILSAFE Container**



**Labeling Bulk Storage**



**Labeling Grease Guns**



**Labeling Grease Protection Tubes**

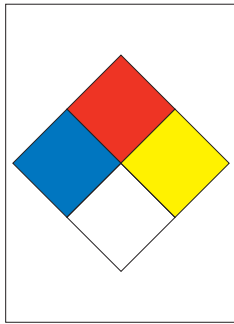
Size	Labels/Sheet	Beige	Black	Blue	Dark Green	Gray	Mid Green	Orange	Purple	Red	Yellow
<b>POLYESTER ADHESIVE</b>											
2" x 3.5"	10	282100	282101	282102	282103	282104	282105	282106	282107	282108	282109
2" Circle	12	282200	282201	282202	282203	282204	282205	282206	282207	282208	282209
3.25" x 3.25"	6	282300	282301	282302	282303	282304	282305	282306	282307	282308	282309
.5" x 5.5" Drum Ring	20	282400	282401	282402	282403	282404	282405	282406	282407	282408	282409
<b>WATER &amp; TEAR RESISTANT PAPER</b>											
2" x 3.5"	10	280000	280001	280002	280003	280004	280005	280006	280007	280008	280009
2" Circle	12	280500	280501	280502	280503	280504	280505	280506	280507	280508	280509
3.25" x 3.25"	6	280300	280301	280302	280303	280304	280305	280306	280307	280308	280309



### GHS / OSHA / NFPA / HMIS - Fill in Label

Clearly label products with these GHS/HMIS/OSHA/NFPA labels. These indoor stickers allow plants and other facilities to fill in information to meet hazard communication standards. Includes NFPA diamond, OSHA hazard communication standard for labels and pictograms, Globally Harmonized System, and Hazardous Materials Identification System. Size: 5" x 8"

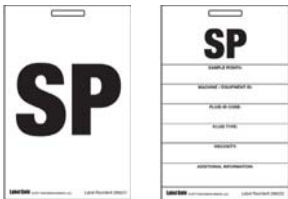
Quantity	Part #
Pack of 10	FL1010



### NFPA Label - Blank

Clearly identify the NFPA information of any substance by simply filling in the blank fields on these labels.

Material	Size	Labels/Sheet	Part #
Plastic Card	2.2" x 3.4"	1	289201
Adhesive	2" x 3.5"	10	289202
Adhesive	3.25" x 3.25"	6	289203
Adhesive	5" x 8"	2	289204
Adhesive	8.5" x 11"	1	289205
Water Resistant Paper	2" x 3.5"	10	289206
Water Resistant Paper	3.25" x 3.25"	6	289207



### Sample Point Identification

Clearly identify lubricant sample ports with these durable plastic identification cards. Size 2.2" x 3.4"

Description	Size	Labels/Sheet	Part #
Basic	2.2" x 3.4"	1	289251
Detailed	2.2" x 3.4"	1	289252



### Used Oil Labels

Label and identify used oil containers and keep oils separated to prevent contamination.

Description	Size	Quantity	Part #
Used Oil Label	3.5" x 3.5"	Pack of 10	FL1020
Used Oil Label	5" x 8"	Pack of 10	FL1025



### 0.5" Frequency Labels

These 0.5" adhesive labels are great to indicate the filling frequency of a lubricant or grease fill point. Black text on white background and can be used with Grease Fitting protectors.

Label	Part #	Label	Part #
Daily	900480	Quarterly	900483
Weekly	900481	Semi-Annually	900484
Monthly	900482	Annually	900485



### 0.5" Label Kits

These labels are provided with ID information such as color and shapes, and also include fill point numbers in a sequence for equipment fill schedules. Designed to match with pre-configured Grease Fitting Protector Kits but can be used for other applications.

- 3 Color Kit: Blue, Purple Red
- 3 Color Kit with Shapes: Blue Circle, Purple Square, Red Triangle
- 6 Color Kit: Black, Blue, Mid Green, Purple, Red, Yellow
- 6 Color Kit with Shapes: Black Star, Blue Circle, Mid Green Hexagon, Purple Square, Red Triangle, Yellow Shield

Fill Points	Color	Shapes	Part #
1-15	3	-	900400
1-30	3	-	900401
1-15	6	-	900420
1-30	6	-	900421
1-15	3	3	900450
1-30	3	3	900451
1-15	6	6	900470
1-30	6	6	900471

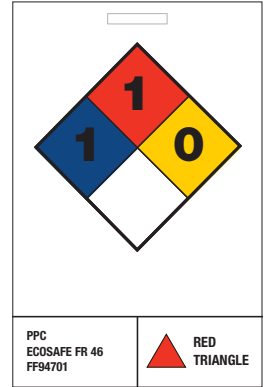
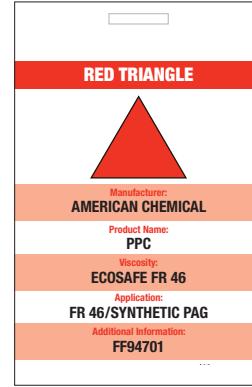
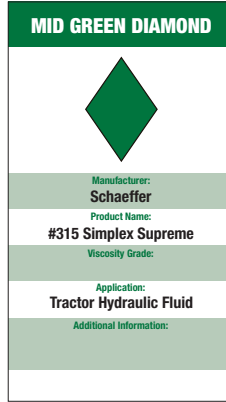
# Custom Labeling

## Custom Labels

Available in same 10 colors and a variety of sizes and materials, including 10 different shapes - but customized for your applications. We can print the following information or leave it blank for you to hand write:

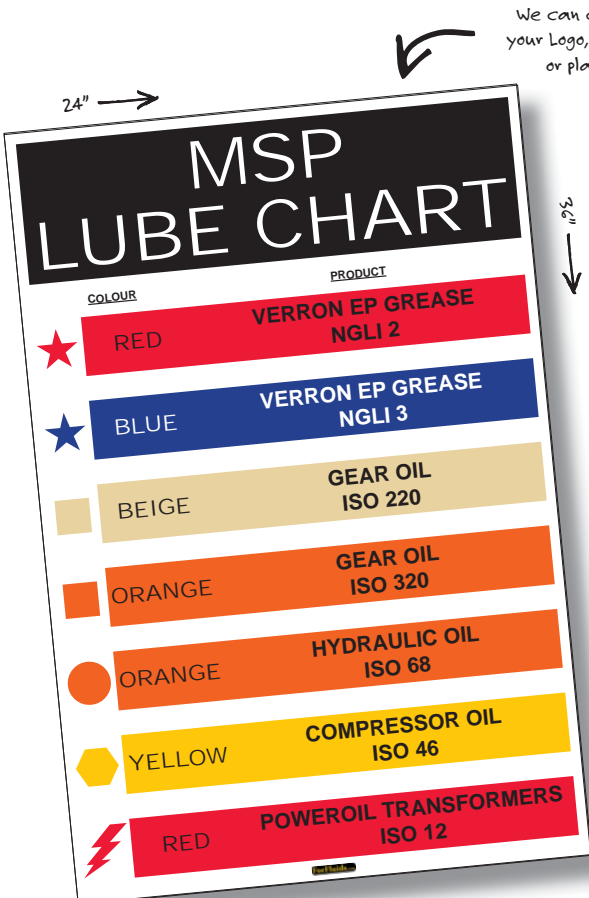
- Color
- Shape
- Manufacturer
- Product Name
- Viscosity
- Application
- Additional Information

Or we can create a custom label.



Available in a variety of shapes and symbols.

Size	Labels/Sheet	Polyester Adhesive Part #	Water/Tear Resistant Paper Part #	Plastic Card
2" x 3.5" Rectangle	10	PA22001	PW22001	—
2" Circle	12	PA22002	PW22002	—
3.25" x 3.25" Square	6	PA22003	PW22003	—
.5" x 5.5" Drum Ring	20	PA22005	—	—
2.2" x 3.4" Rectangle	1 (Single Side or Double Side)	—	—	ZP22006 (ID Single Side) ZP22106 (ID Double Side) ZP23206 (ID one side/NFPA other Side)
8.5" x 11"	1	PA85011	—	—
8" x 5"	1	PA22008	—	—



We can customize with your Logo, company name, or plant location

## Custom Lube Poster

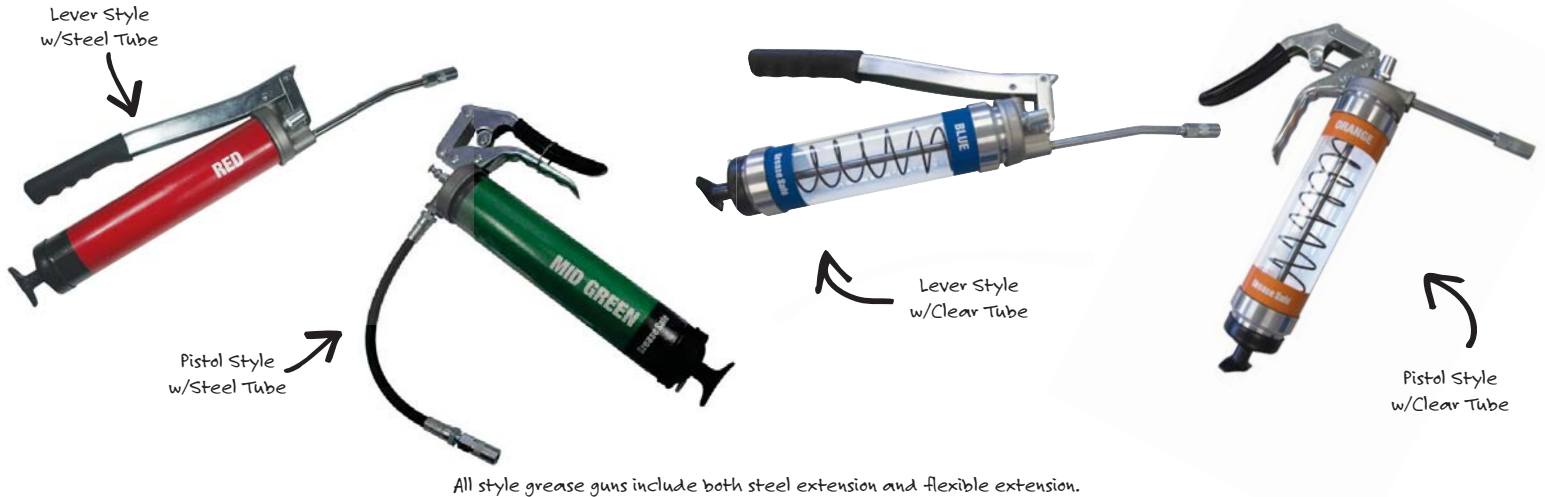
Hang these lube chart posters around the workplace for quick identification and color coding of lubricants. Helps to identify lubricants and prevent cross contamination. Large 24"x36" size makes it viewable from across the factory floor. Made with a premium mesh vinyl for durability and includes grommets on the corners for easy hanging.

Part Number : FFP2436

Other sizes available.

- Beige
  - Black
  - Blue
  - Dark Green
  - Grey
  - Mid Green
  - Orange
  - Purple
  - Red
  - Yellow
- Available in 10 Oil Safe Colors for Matching Label to Lubricant to Lid to Machine

# Grease Equipment



## Pistol Grip Grease Gun

This heavy duty grease gun is ideal for one handed operation and designed for use in confined spaces.

- 3-way packable (suction, cartridge, filler pump)
- Super strong pistol grip handle with rubber tip
- Design prevents fingers from pinching
- Includes both 4" steel and 12" flexible extensions

Clear grease guns are made of impact resistant polycarbonate and are designed for industrial environments.

## Lever Grease Gun

Variable stroke lever action for greater control of delivery. Designed for industrial day to day applications.

- 3-way packable (suction, cartridge, filler pump)
- Rubber grip for non-slip operation
- Includes both 6" steel and 12" flexible extensions

Clear grease guns are made of impact resistant polycarbonate and are designed for industrial environments.

Type	Beige	Black	Blue	Dark Green	Gray	Mid Green	Orange	Purple	Red	Yellow
<b>COLOR-CODED STEEL TUBE GREASE GUNS</b>										
Pistol Grip Steel Tube	330700	330701	330702	330703	330704	330705	330706	330707	330708	330709
Lever Steel Tube	330300	330301	330302	330303	330304	330305	330306	330307	330308	330309
Replacement Steel Tube	332300	332301	332302	332303	332304	332305	332306	332307	332308	332309
<b>COLOR-CODED CLEAR TUBE GREASE GUNS</b>										
Pistol Grip Clear Tube	330800	330801	330802	330803	330804	330805	330806	330807	330808	330809
Lever Clear Tube	330500	330501	330502	330503	330504	330505	330506	330507	330508	330509
Replacement Clear Tube	332200	332201	332202	332203	332204	332205	332206	332207	332208	332209



# Grease Equipment



## Grease Meter

Fit this grease meter to your Oil Safe Grease Gun and grease precisely according to the bearing manufacturer's recommendations. Large display and can be backlit for easy operation.

Part Number : 330999



### Specifications:

**Working Pressure:**  
max 70psi - 10,000 psi

**Flow:**  
Max 1000 cm3/min

**Measuring Accuracy:**  
+/-3%

**Battery:**  
2 x 1.5v LR1



## Cartridge Protection Tube

Protect grease cartridges against damage. These tubes provide a clean, safe method of transporting cartridges from vehicle or shop to the point of use. Cartridge has a built in label holder and comes with a black hook and black content label.

Part Number : 300000



### Color-Coded Hooks

Replaceable color coded pump collars for the OilSafe Premium Pump.

Beige	300300	Mid Green	300305
Black	300301	Orange	300306
Blue	300302	Purple	300307
Dark Green	300303	Red	300308
Gray	300304	Yellow	300309



## Flexible Grease Hose

Fit these flexible hoses to the Oil Safe grease guns and others to allow for easier access to fittings that are hard to reach.

Length	Part #
12"	331020
18"	331021

### Specifications:

**Fitting Size:**  
1/8" NPT

**Working Pressure:**  
5800 PSI  
(Do not exceed working pressure)



## Grease Filler Pump

Designed for use with 25-50lb / 5 gallon grease pails, this pump offers quick, clean, and is easy loading of grease guns with bulk filler points. The female load adapter on this pump will adapt to both American (0.58") and European Straight (9mm) loader fittings.

Part Number : 331440



## Grease Fittings Kit

Incorporating the most popular sizes, these high quality fittings are available in both SAE and Metric sizes.

### SAE Grease Fitting Kit

25 pcs 1/8" - 27 PTF Straight  
10 pcs 1/8" - 27 PTF 45°  
10 pcs 1/8" - 27 PTF 90°  
15 pcs 1/4" - 28 SAE LT Straight  
10 pcs 1/4" - 28 SAE LT 45°  
10 pcs 1/4" - 28 SAE LT 90°

Part Number : 340000

### Metric Grease Fitting Kit

20 pcs M6 x 1 Straight  
10 pcs M6 x 1 90°  
15 pcs M8 x 1 Straight  
10 pcs M8 x 1 90°  
15 pcs M10 x 1 Straight  
10 pcs M10 x 1 90°

Part Number : 340100





Available in 3 different sizes  
1/4" (pictured)  
13/32"  
17/32"



Top View



Bottom View

17/32"  
Available in 10 different colors



Covers and protects zerk fittings

### Grease Fitting Identification/Protector

These grease fitting protectors deliver a secure seal over most common grease fittings providing excellent protection against contamination. Additionally, with 10 colors, fittings can be quickly identified as part of a visual lubrication program.

- Available in 10 colors
- Durable industrial material
- Makes grease fittings easy to find
- Easy to use - even when wearing gloves

Size	Beige	Black	Blue	Dark Green	Gray	Mid Green	Orange	Purple	Red	Yellow
1/4" (6.3mm) Bag of 100	291000	291001	291002	291003	291004	291005	291006	291007	291008	291009
13/32" (10.3mm) Bag of 100	291100	291101	291102	291103	291104	291105	291106	291107	291108	291109
17/32" (13.5mm) Bag of 100	291200	291201	291202	291203	291204	291205	291206	291207	291208	291209

### Grease Fitting Protector Kits

Kits come in 3-color kits consisting of Blue, Purple, and Red, as well as 6-color kits consisting of Black, Blue, Mid Green, Purple, Red, and Yellow. Available in various sizes.



GFP Size	# of Colors	Pieces in Kit	Part #
1/4" (6.3mm)	3	60	900911
1/4" (6.3mm)	3	240	900901
13/32" (10.3mm)	3	60	900912
13/32" (10.3mm)	3	240	900902
17/32" (13.5mm)	3	60	900913
17/32" (13.5mm)	3	240	900903



GFP Size	# of Colors	Pieces in Kit	Part #
1/4" (6.3mm)	6	60	900931
1/4" (6.3mm)	6	240	900921
13/32" (10.3mm)	6	60	900932
13/32" (10.3mm)	6	240	900922
17/32" (13.5mm)	6	60	900933
17/32" (13.5mm)	6	240	900923



### Grease Fitting Protective Lens

These lens fit securely into the top of Grease Fitting Protectors and ID Tabs providing a protective barrier for labels.

Part Number : 290999 (bag of 100)



### Grease Gun Kits

Improve your grease program instantly and get up and running with a Grease Gun Kit. These kits are available with either the Pistol or Lever style guns with color-coded clear tubes in Blue, Purple, and Red. Kits also include matching color Grease Fitting Protectors in all three sizes.

#### Lever Grease Gun Kit

- (3) Lever Style Clear Tube Grease Guns: (1) of each, Blue, Purple, Red
- (60) Blue Grease Fitting Protectors; (20) of each size, 1/4", 13/32", 17/32"
- (60) Purple Grease Fitting Protectors; (20) of each size, 1/4", 13/32", 17/32"
- (60) Red Grease Fitting Protectors; (20) of each size, 1/4", 13/32", 17/32"
- (3) Cartridge Tubes
- (3) Color Coded Hooks, (1) in each color, Blue, Purple, Red

Part Number : FFGL50

#### Pistol Grease Gun Kit

- (3) Pistol Style Clear Tube Grease Guns: (1) of each, Blue, Purple, Red
- (60) Blue Grease Fitting Protectors; (20) of each size, 1/4", 13/32", 17/32"
- (60) Purple Grease Fitting Protectors; (20) of each size, 1/4", 13/32", 17/32"
- (60) Red Grease Fitting Protectors; (20) of each size, 1/4", 13/32", 17/32"
- (3) Cartridge Tubes
- (3) Color Coded Hooks, (1) in each color, Blue, Purple, Red

Part Number : FFGP80

# Filtration Solutions

## Customized Filtration Solutions for Many Applications

These fully customized filtration systems offer workplace solutions for a variety of applications. Whether it is for prefiltering new oil, transferring oil, topping off reservoirs, dispensing new oil, filtering contaminated systems, or more - there is a configuration for you. These quality systems can be customized with different pumps, filters, hoses, connections, and colors.



**DRUM FILTER CART**  
Frame Style: DC

- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Collecting oil samples for analysis
  - Dispensing new oil



**DRUM TOPPER**  
Frame Style: DT

- Typical Applications:
- Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Dispensing new oil



**FILTER PACK**  
Frame Style: FPA / UFPA

- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Dispensing new oil



**PANEL UNIT**  
Frame Style: PU

- Typical Applications:
- Filtering contaminated systems
  - Collecting oil samples for analysis
  - Dispensing new oil



**STEEL TOTE CART**  
Frame Style: T3

- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Dispensing new oil



**FILTER CART**  
Frame Style: HT

- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Collecting oil samples for analysis
  - Dispensing new oil



**TANDEM FILTER CART**  
Frame Style: TH

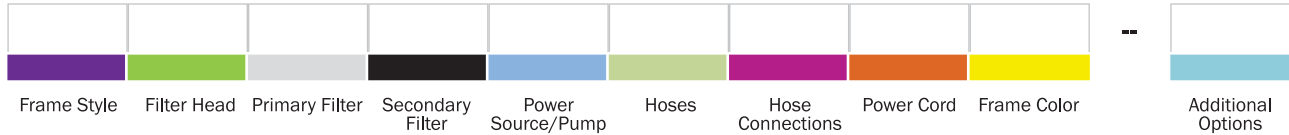
- Typical Applications:
- Filtering contaminated systems
  - Flushing new or repaired systems
  - Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Collecting oil samples for analysis
  - Dispensing new oil



**PLATFORM CART**  
Frame Style: PT

- Typical Applications:
- Pre-filtering new oil
  - Transferring oils
  - Topping off reservoirs
  - Dispensing new oil

# Filtration Solutions Configuration Guide



Frame Style   Filter Head   Primary Filter   Secondary Filter   Power Source/Pump   Hoses   Hose Connections   Power Cord   Frame Color   --   Additional Options

## FRAME STYLE

DC	Drum Filter Cart
DT	Drum Topper ( <i>Uses the Y series head</i> )
FPA	Aluminum Diamond Plated, FilterPak ( <i>Single D series head</i> )
UFPA	Ultra-light, Aluminum Framed FilterPak ( <i>Single M series head</i> )
HT	Filter Cart
PU	Panel Unit
T3	30 Gallon, Steel Tote Cart
TH	Tandem Filter Cart
PT32	Platform Cart w/ 32 gal Poly Tank
PT3232	Platform Cart w/ 2 ea 32 gal Poly Tanks
PT71	Platform Cart w/ 71 gal Poly Tank
PT115	Platform Cart w/ 115 gal Poly Tank
ZC	Special Filter Cart Construction

## FILTER HEAD OPTION

Y	Compact, Low Pressure, Aluminum Heads
D5	Medium Pressure, Cast Aluminum Heads
M	Low Pressure, Aluminum Heads
NF	No Heads
ZF	Special Heads

## PRIMARY FILTER ELEMENT (1ST STAGE)

**Y Series Filters** (*Only used with the Drum Topper*)

3	3"x 8", 3 Micron Filter Element, $\beta_3=1000$
5	3"x 8", 5 Micron Filter Element, $\beta_7=1000$
7	3"x 8", 7 Micron Filter Element, $\beta_7=1000$
12	3"x 8", 12 Micron Filter Element, $\beta_{12}=1000$
22	3"x 8", 22 Micron Filter Element, $\beta_{22}=1000$
WR	3"x 8", Water Removal Element
WR	3"x 5", Water Removal Element
NE	No Element

**M Series Filters** (*Only used with the M series Heads*)

3	5"x 10", 3 Micron Filter Element, $\beta_3=1000$
6	5"x 10", 6 Micron Filter Element, $\beta_6=1000$
10	5"x 10", 10 Micron Filter Element, $\beta_{10}=1000$
25	5"x 10", 25 Micron Filter Element, $\beta_{25}=1000$
WR	5"x 10", Water Removal Element
NE	No Element

**D Series Filters** (*Only used with the D series Heads*)

4	5"x 14", 4 Micron Filter Element, $\beta_4=2000$
7	5"x 14", 7 Micron Filter Element, $\beta_7=2000$
10	5"x 14", 10 Micron Filter Element, $\beta_{10}=1000$
25	5"x 14", 25 Micron Filter Element, $\beta_{25}=2000$
WR	5"x 14", Water Removal Element
NE	No Element

## SECONDARY FILTER ELEMENT (2ND STAGE)

**Y Series Filters** (*Only used with the Drum Topper*)

3	3"x 8", 3 Micron Filter Element, $\beta_3=1000$
5	3"x 8", 5 Micron Filter Element, $\beta_7=1000$
7	3"x 8", 7 Micron Filter Element, $\beta_7=1000$
12	3"x 8", 12 Micron Filter Element, $\beta_{12}=1000$
22	3"x 8", 22 Micron Filter Element, $\beta_{22}=1000$
WR	3"x 8", Water Removal Element
WR	3"x 5", Water Removal Element
NE	No Element

**M Series Filters** (*Only used with the M series Heads*)

3	5"x 10", 3 Micron Filter Element, $\beta_3=1000$
6	5"x 10", 6 Micron Filter Element, $\beta_6=1000$
10	5"x 10", 10 Micron Filter Element, $\beta_{10}=1000$
25	5"x 10", 25 Micron Filter Element, $\beta_{25}=1000$
WR	5"x 10", Water Removal Element
NE	No Element

**D Series Filters** (*Only used with the D series Heads*)

4	5"x 14", 4 Micron Filter Element, $\beta_4=2000$
7	5"x 14", 7 Micron Filter Element, $\beta_7=2000$
10	5"x 14", 10 Micron Filter Element, $\beta_{10}=1000$
25	5"x 14", 25 Micron Filter Element, $\beta_{25}=2000$
WR	5"x 14", Water Removal Element
NE	No Element

## POWER SOURCE/PUMP

First select the power source required and then your desired pump. \*\* The 115v, 1HP option is standard and no power source select is needed.

NP	No Power Source
-	115v, 60Hz, 1HP**
C	115v, 60Hz, 1/2 HP
Q	115v, 60Hz, 1/4 HP ( <i>Only available on the FilterPak and Drum Topper Units</i> )
E	Explosion Proof ( <i>Available in 115v and 230v</i> )
T	Three Phase, 230/460v
M	Air Motor ( <i>Filter, Lubricator &amp; Regulator included</i> )
V	Variable Speed
ZP	Special Power Source
1	1 GPM
2	2 GPM
5	5 GPM
10	10 GPM
ZX	Special Pump Option

## HOSES

NH	No Hoses
SH	7ft clear, PVC Hose (3/4" Suction & 1/2" Discharge)
SH1	7ft clear, PVC Hose (1' Suction & 3/4" Discharge)
WH	7ft Black Hydraulic Hose (3/4" Suction & 1/2" Discharge)
WH1	7ft Black Hydraulic Hose (1" Suction & 3/4" Discharge)
ZH	Special Hose Type and/or Length

## HOSE END CONNECTIONS

CQ	CamLock Connectors
TE	Threaded Ends
SQ	3/4" & 1/2" ISO B Quick Disconnects w/ Steel Dust Plugs
SQ1	1" & 3/4" ISO B Quick Disconnects w/ Steel Dust Plugs
AQ	3/4" & 1/2" ISO A Quick Disconnects w/ Steel Dust Plugs
AQ1	1" & 3/4" ISO A Quick Disconnects w/ Steel Dust Plugs
FQ	3/4" & 1/2" Flush Face Quick Disconnects w/ Steel Dust Plugs
FQ1	1" & 3/4" Flush Face Quick Disconnects w/ Steel Dust Plugs
HW	Hose Wands
NQ	No Connections
ZQ	Special Connections

## ELECTRIC CORD

NC	No Cord
4P	4ft Electric Cord
8P	8ft Electric Cord
40R	40ft Retractable Cord Reel
25C	25ft Electric Cord
ZW	Special Cord Type or Plug

## FRAME COLOR OPTIONS

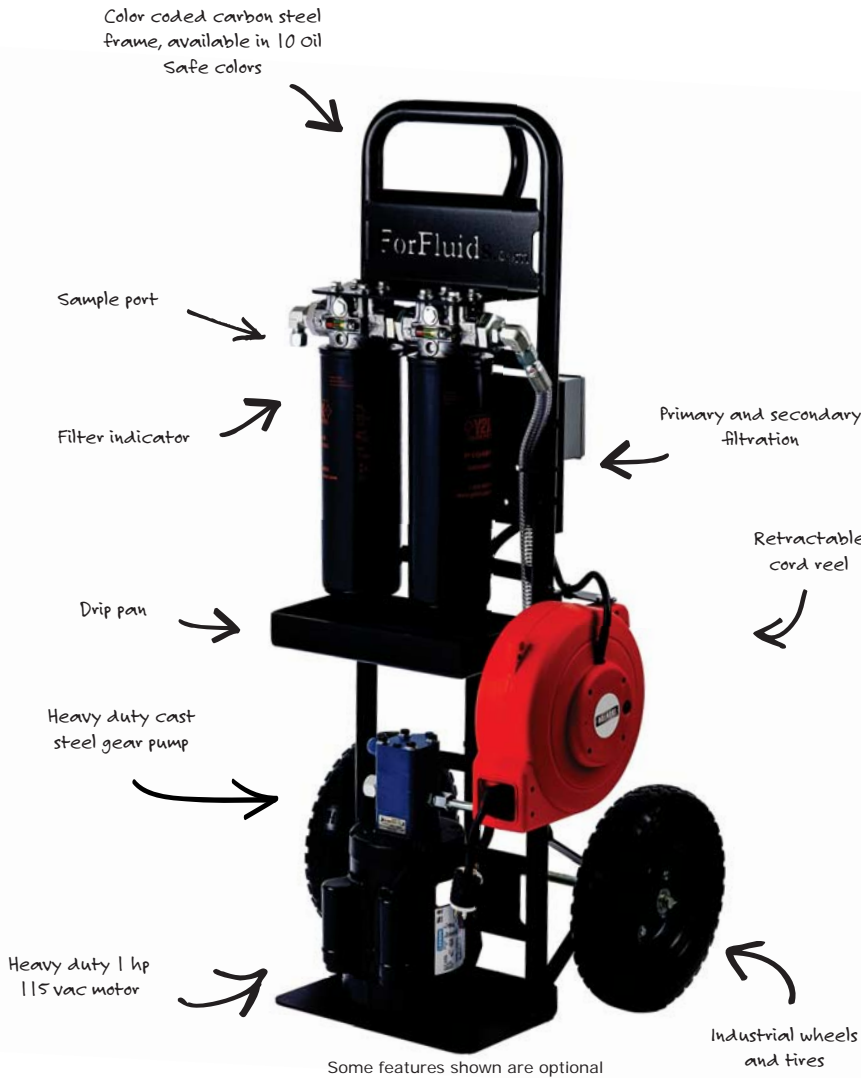
1	Blaze Orange
2	Red
3	Blue
4	Black
5	Yellow
6	Silver
7	Special Color

## OPTIONS

A	High Oil Temperature Alarm
B	Manual Bypass Valve
D	Digital Flow Meter/Totalizer
E	Color Coded Delta P Gauge
F	Visual Flow Meter
L	Lift Lugs
MF	Magnetic Pre-Filter w/ Cleanable Rod
HE	Heat Exchanger (Air/Oil or Water/Oil)
N	Push Button Sample Ports
O	Standard Minimesh Sample Ports
P	Inline Particle Counter
S	Y-Strainer (149 mesh)
T	On/Off Timer Control
W	Water Content Monitor ( <i>For use with the Particle Counter</i> )
Y	Yellow Light Filter Indicator
SR	Solid Rubber Tires
FF	No Flat, 13" Tires
Z	Special Features and/or other Options not listed

Tip: Each system is custom built to your specifications. It may take longer but you know you are receiving something you need. Plus, there are many options and ways to configure. Give us a call and we can help guide you.

# D Series Filter Cart



## TYPICAL APPLICATIONS

filter contaminated systems  
 flushing systems  
 filtering oil  
 transferring oils  
 topping off reservoirs  
 collection samples for analysis  
 dispensing oil

Pimp your cart!

## Options

Standard features are in **bold**

Primary Filter	4	5"X14" 4 micron element $\beta_4=2000$
	7	5"X14" 7 micron element $\beta_4=2000$
	10	5"X14" 10 micron element $\beta_4=1000$
	25	5"X14" 25 micron element $\beta_4=2000$
	WR	5"X14" <b>water removal element</b>

Secondary Filter	4	<b>5"X14" 4 micron element <math>\beta_4=2000</math></b>
	7	5"X14" 7 micron element $\beta_4=2000$
	10	5"X14" 10 micron element $\beta_4=1000$
	25	5"X14" 25 micron element $\beta_4=2000$
	WR	5"X14" <b>water removal element</b>

Pump	2	2 GPM pump
	5	<b>5 GPM pump</b>
	10	10 GPM pump

Hoses	NH	no hoses
	SH	<b>7ft clear PVC hose, 3/4" suction 1/2" discharge</b>
	SH1	7ft clear PVC hose, 1" suction 3/4" discharge
	WH	7ft black hydraulic hose, 3/4" suction 1/2" discharge
	WH1	7ft black hydraulic hose, 1" suction 3/4" discharge

Hose End Connections	CQ	camlock connectors
	TE	threaded ends
	SQ	<b>3/4" &amp; 1/2" ISO B quick disconnect w/steel dust plugs</b>
	SQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	AQ	3/4" & 1/2" ISO A quick disconnect w/steel dust plugs
	AQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	FQ	3/4" & 1/2" flush face quick disconnect w/steel dust plugs
	FQ1	1" & 3/4" flush face quick disconnect w/steel dust plugs
	HW	hose wands

Electric Cord	4P	4ft electric cord
	8P	8ft electric cord
	40R	<b>40ft retractable electric cord reel</b>
	25C	25ft electric cord

Frame Color	70	beige
	71	<b>black</b>
	72	blue
	73	dark green
	74	grey
	75	mid green
	76	orange
	77	purple
	78	red
	79	yellow

Additional customizing and options available.

## D Series Filter Cart

The ForFluids HT-D Series cart is our signature filter cart and is an excellent choice for "off-line" filtration in a wide variety of settings. Extremely mobile and light weight, this filter cart has all the power needed for filtering oil viscosities up to 600cSt (ISO VG 680) at 100F within ambient temperature ranges of -15F to 150F. Featuring a carbon steel frame, industrial grade components, and a variety of options, this cart is designed to keep you and your operation up and running. Choose either the standard cart or customize it for your facility.

Part #	Description
FFHTD5A	Standard D Series Filter Cart standard cart features are bold in the options section
FFHTD5C	Custom D Series Filter Cart customize your cart with features in the option section

Swiftly tailor to your application



Filter indicator



Dual filtration



Frame available in aluminum or the 10 Oil Safe colors



heavy duty cast steel gear pump



heavy duty 1 hp 115 vac motor



Some features shown are optional

## Options

Standard features are in **bold**

<b>Filter</b>	4	5"X14" 4 micron element $\beta_4=2000$
	<b>7</b>	<b>5"X14" 7 micron element <math>\beta_4=2000</math></b>
	10	5"X14" 10 micron element $\beta_4=1000$
	25	5"X14" 25 micron element $\beta_4=2000$
	<b>WR</b>	<b>5"X14" water removal element</b>

<b>Pump</b>	2	2 GPM pump
	<b>5</b>	<b>5 GPM pump</b>
	10	10 GPM pump

<b>Hoses</b>	<b>NH</b>	<b>no hoses</b>
	SH	7ft clear PVC hose, 3/4" suction 1/2" discharge
	SH1	7ft clear PVC hose, 1" suction 3/4" discharge
	WH	7ft black hydraulic hose, 3/4" suction 1/2" discharge
	WH1	7ft black hydraulic hose, 1" suction 3/4" discharge
ZH	Special Hose Type and/or Length	

<b>Hose End Connections</b>	<b>NQ</b>	<b>no connections</b>
	CQ	camlock connectors
	TE	threaded ends
	SQ	3/4" & 1/2" ISO B quick disconnect w/steel dust plugs
	SQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	AQ	3/4" & 1/2" ISO A quick disconnect w/steel dust plugs
	AQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	FQ	3/4" & 1/2" flush face quick disconnect w/steel dust plugs
	FQ1	1" & 3/4" flush face quick disconnect w/steel dust plugs
HW	hose wands	

<b>Electric Cord</b>	<b>NC</b>	<b>no cord</b>
	4P	4ft electric cord
	8P	8ft electric cord
	40R	40ft retractable electric cord reel
	25C	25ft electric cord

<b>Frame Color</b>	70	beige
	<b>71</b>	<b>black</b>
	72	blue
	73	dark green
	74	grey
	75	mid green
	76	orange
	77	purple
	78	red
	79	yellow
	0	diamond plated aluminum

Additional customizing and options available.

## TYPICAL APPLICATIONS

- filter contaminated systems
- collection samples for analysis
- dispensing oil
- permanent installations

## Portable FilterPak

When you need to install a permanent, continuous duty solution for your offline filtration, this ForFluids Panel Unit is the perfect solution. Available with a variety of options, it will suit nearly any space requirement. These filtration systems have all the power needed for filtering oil viscosities up to 600cSt (ISO VG 680) at 100F within ambient temperature ranges of -15F to 150F.

Part #	Description
FFFPDA	Standard FilterPak D Series standard FilterPak features are bold in the options
FFFPDC	Custom FilterPak D Series customize your FilterPak with features in the options

# Filter Carts



## TYPICAL APPLICATIONS

- filter contaminated systems
- flushing systems
- filtering oil
- transferring oils
- topping off reservoirs
- dispensing oil

## 4 Wheel Steel Tote

The ForFluids T-3 Tote is a versatile tote. With its 30 gallon tank, this tote makes filtering, transferring, and topping off reservoirs a breeze. It can fill itself, be used as an off-line filter for cleaning different reservoirs, and to pump oil into various containers. This tote has all the power needed for filtering oil viscosities up to 600cSt (ISO VG 680) at 100F within ambient temperature ranges of -15F to 150F. Order a standard version or customize to your application.

Part #	Description
FFDT3DA	Standard 4 Wheel Steel Tote D Series standard Steel Tank Tote features are bold in the options
FFDT3DC	Custom 4 Wheel Steel Tote D Series customize your FilterPak with features in the options



## TYPICAL APPLICATIONS

- filtering oil
- transferring oils
- topping off reservoirs
- dispensing oil
- waste oil extraction

## Platform Cart

Getting oil from bulk or drum storage and out into the plant is made convenient and easy with the ForFluids PT-D Platform Cart. Designed to accommodate various tank configurations, the platform cart can be used to deliver multiple oil types to their final destination. An optional oil rack and toolbox makes storage of essential equipment and tools easy to transport. The platform cart has all the power needed for filtering oil viscosities up to 600cSt (ISO VG 680) at 100F within ambient temperature ranges of -15F to 150F.

Part #	Description
FFPTA	Standard Platform Cart D Series with 2-32g Poly Tanks standard Platform Cart features are bold in the options
FFPTC	Custom Platform Cart D Series customize your Cart with features in the options

## Options

Standard features are in **bold**

Primary Filter	4	5"X14" 4 micron element $\beta_4=2000$
	7	5"X14" 7 micron element $\beta_4=2000$
	10	5"X14" 10 micron element $\beta_4=1000$
	25	5"X14" 25 micron element $\beta_4=2000$
	WR	5"X14" water removal element

Secondary Filter	4	5"X14" 4 micron element $\beta_4=2000$
	7	<b>5"X14" 7 micron element <math>\beta_4=2000</math></b>
	10	5"X14" 10 micron element $\beta_4=1000$
	25	5"X14" 25 micron element $\beta_4=2000$
	WR	5"X14" water removal element

Pump	2	2 GPM pump
	5	<b>5 GPM pump</b>
	10	10 GPM pump

Hoses	NH	no hoses
	SH	<b>7ft clear PVC hose, 3/4" suction 1/2" discharge</b>
	SH1	7ft clear PVC hose, 1" suction 3/4" discharge
	WH	7ft black hydraulic hose, 3/4" suction 1/2" discharge
	WH1	7ft black hydraulic hose, 1" suction 3/4" discharge

Hose End Connections	CQ	camlock connectors
	TE	threaded ends
	SQ	<b>3/4" &amp; 1/2" ISO B quick disconnect w/steel dust plugs</b>
	SQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	AQ	3/4" & 1/2" ISO A quick disconnect w/steel dust plugs
	AQ1	1" & 3/4" ISO B quick disconnect w/steel dust plugs
	FQ	3/4" & 1/2" flush face quick disconnect w/steel dust plugs
	FQ1	1" & 3/4" flush face quick disconnect w/steel dust plugs
HW	hose wands	

Electric Cord	4P	4ft electric cord
	8P	8ft electric cord
	40R	<b>40ft retractable electric cord reel</b>
	25C	25ft electric cord

Frame Color	70	beige
	71	<b>black</b>
	72	blue
	73	dark green
	74	grey
	75	mid green
	76	orange
	77	purple
	78	red
	79	yellow

Platform Tank	PT32	32gal poly tank
	PT3232	<b>(2) 32gal poly tank</b>
	PT71	71gal poly tank
	PT115	115gal poly tank

Additional customizing and options available.

# Vacuum Dehydration System

Color-coded and available in 10 oil safe colors



Custom systems available!

## TYPICAL APPLICATIONS

- filter contaminated systems
- flushing systems
- filtering oil
- transferring oils
- topping off reservoirs
- collection samples for analysis
- dispensing oil

The purpose of the ForFluids Vacuum Dehydration System is to serve as an oil treatment system. By removing water (dissolved, emulsified and free), gasses and solid contaminants the oil can return to its original condition, and be reused in lubricating systems. Having clean, dry oil will allow hydraulic and lubricating systems to perform more efficiently and can result in significant financial gains. The need to purchase new lubricating oils can be reduced and in some cases eliminated completely.

To begin, the oil is brought into the chamber and passed over the heater. It then is dispersed over the Pall Rings, located inside the tower, and then exposed to a vacuum, usually between 22-25"Hg.

After the oil has been degassed and dehydrated it is pumped out of the bottom of the tower via the hydraulic pump into the filter to remove any contaminants before it enters the reservoir or system again.

In order to optimize this process the system is partially automated with a PLC and series of electrically controlled switches. Data, diagnostics, alerts and many help screens can be accessed on the control panel touch screen display.

- Unlimited water removal with no consumables.
- High water removal rate.
- Long term and durable solution for applications that have high levels of consistent water ingress.
- Small, portable footprint with the ability to fit through a standard 36" door.
- Removes free, emulsified, and dissolved water from industrial oils.
- Removes free and dissolved gases.
- Bypass feature for high viscosity fluids.
- High efficiency particulate filtration.
- Easy setup with one button operation.
- On board diagnostics.
- Low power consumption.
- Custom systems available.

Part #	Description
FD-5	Vacuum Dehydration System, Standard 5 GPM
FD-15	Vacuum Dehydration System, Standard 15 GPM

# Oil Safe Filter Cart



Stationary wall mount version



## Oil Safe Filtration Units

These filtration units extend the life of your industrial oils, saving you time and money. They maintain purity from storage to application and eliminate cross-contamination with color-coded error-proof, flat face, zero leak Quick Connects.

Includes a 1200 RPM electric motor/pump to reduce oil shearing and electrostatic charges frequent in higher RPM motors. Filters that are beta 2000 (99.95% efficient) with medium pressure, compared to low pressure types which can flex, distort, and collapse. These filters have two seals which protect the filter ID and OD to reduce oil bypassing the filter element. They do not leak unfiltered oil across a bypass valve in the filter head; 100% of all oil passes through the filter media. All of these features equate to better particulate removal.

With three layers of spill containment, 24VDC controls, electrical overload protection, and zero-leak quick connects lead to safe operation.

Part #	Description
FF57700 Basic	Wall Mount Stationary Filtration Unit - Basic
FF57710 Pro	Wall Mount Stationary Filtration Unit - Pro
FF57780 Basic	Portable Filtration Cart - Basic
FF57790 Pro	Portable Filtration Cart - Pro

	Stationary		Portable	
	Basic	Pro	Basic	Pro
Customized color-coded identification	•	•	•	•
1HP fully enclosed fan cooled electric motor	•	•	•	•
Oil pump with integral relief valve	•	•	•	•
Upstream and downstream oil sample ports	•	•	•	•
Power coated finish on steel frame	•	•	•	•
1200 RPM electric motor	•	•	•	•
System operating pressure gauge	•	•	•	•
Full front panel for spill containment	•	•	•	•
Removable filter element spill containment	•	•	•	•
Lower frame spill containment	•	•	•	•
Medium pressure non-bypassing filters	•	•	•	•
Beta 2000 filters 99.95% efficient	•	•	•	•
ID and OD filter seals	•	•	•	•
Differential visual filter indicators	•	•	•	•
Differential electrical filter indicators & lights		•		•
24VDC controls		•		•
Convenient and secure transfer hose storage			•	•
15" Heavy duty pneumatic wheels			•	•
Isolation front feet			•	•
Retractable 40ft electric cord reel			•	•
8ft wire reinforced transfer hoses			•	•
Adjustable overload protection		•		•
Color-coded zero leak quick connects				•



# Color Coded Quick Connects



↖ Silver terminal is universal and is not keyed

↑ Color-Coded and keyed, male color connector will only fit it's female matching color

↖ 1000psi max

↖ Strong aluminum flat-face connectors

## Quick Connects

These unique Quick Connects maintain purity across your lubricant storage and distribution processes. The color-coded, anodized aluminum fittings eliminate cross contamination. They are easy to use, nearly impossible to confuse or cross-connect, and integrate with a wide range of lubrication management systems and equipment.

These zero-leak, precise and secure hose terminals will increase safety and efficiency by eliminating spills and wastes throughout your facility.

Quick Connects come in all 10 OilSafe colors and make it easy to identify your equipment fluid contents. Each color-coded male/female pair is designed to only fit terminals of a matching color. A silver terminal is available as a universal fit for all 10 colors - permitting zero-fuss connections for special use cases.

Size	Beige	Black	Blue	Dark Green	Gray	Mid Green	Orange	Purple	Red	Yellow	Universal (Silver)
1/2" Male	M8BEIGE	M8BLACK	M8BLUE	M8DRKGREEN	M8GRAY	M8MIDGREEN	M8ORANGE	M8PURPLE	M8RED	M8YELLOW	M8SILVER
1/2" Female	F8BEIGE	F8BLACK	F8BLUE	F8DRKGREEN	F8GRAY	F8MIDGREEN	F8ORANGE	F8PURPLE	F8RED	F8YELLOW	F8SILVER
3/4" Male	M12BEIGE	M12BLACK	M12BLUE	M12DRKGREEN	M12GRAY	M12MIDGREEN	M12ORANGE	M12PURPLE	M12RED	M12YELLOW	M12SILVER
3/4" Female	F12BEIGE	F12BLACK	F12BLUE	F12DRKGREEN	F12GRAY	F12MIDGREEN	F12ORANGE	F12PURPLE	F12RED	F12YELLOW	F12SILVER

# Air Sentry Breathers



**GUARDIAN™**

REPLACE

Made in USA - Patents Pending

Part #A602  
(Patents Pending)

Gauge  
Port

# Guardian Series Breathers

## APPLICATIONS

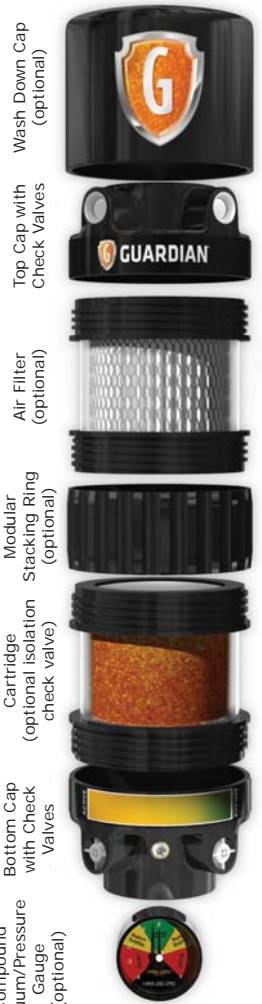
Ideal for most applications

Air Sentry® set the industry gold standard with their first line of contamination control breathers in 1997 and today that standard is raised with GUARDIAN. Constructed of Tritan; this material is the most chemical, temperature, and impact resistant combination casing on the market. Also available with an isolation check valve, which isolates the adsorbent from exhaust air to lengthen service life of the desiccant while also protecting it from volatile and splashing fluids. In addition, a compound pressure gauge is available. The Guardian series is also stackable.

	DESCRIPTION	MODEL	CONNECTION	Isolation Check Valve	Compound Indicating Gauge
SMALL	Air Sentry Guardian Silica Gel Desiccant Breather 9"H x 5.125"D 1.5 lbs of silica gel 9.2 fluid ounces of maximum adsorption capacity 25 cfm maximum air flow 187 gpm maximum reservoir fluid flow	G5S1N	1" NPT		
		G5S1NC		•	
		G5S1NG			•
		G5S1NGC		•	•
		G5S2N	2" NPT		
		G5S2NC		•	
		G5S2NG			•
		G5S2NGC		•	•
		G5S1B	1" BSP		
		G5S1BC		•	
G5S1BG		•			
G5S1BGC	•	•			
MEDIUM	Air Sentry Guardian Silica Gel Desiccant Breather 12"H x 5.125"D 2.8 lbs of silica gel 17.2 fluid ounces of maximum adsorption capacity 25 cfm maximum air flow 187 gpm maximum reservoir fluid flow	G8S1N	1" NPT		
		G8S1NC		•	
		G8S1NG			•
		G8S1NGC		•	•
		G8S2N	2" NPT		
		G8S2NC		•	
		G8S2NG			•
		G8S2NGC		•	•
		G8S1B	1" BSP		
		G8S1BC		•	
G8S1BG		•			
G8S1BGC	•	•			
LARGE	Air Sentry Guardian Silica Gel Desiccant Breather 16"H x 5.125"D 4.5 lbs of silica gel 27.6 fluid ounces of maximum adsorption capacity 25 cfm maximum air flow 187 gpm maximum reservoir fluid flow	G12S1N	1" NPT		
		G12S1NC		•	
		G12S1NG			•
		G12S1NGC		•	•
		G12S2N	2" NPT		
		G12S2NC		•	
		G12S2NG			•
		G12S2NGC		•	•
		G12S1B	1" BSP		
		G12S1BC		•	
G12S1BG		•			
G12S1BGC	•	•			



The Guardian costs more to purchase but it can pay for itself by extending the life of equipment where it is installed. Plus its modular design allows you to use it multiple ways.



MODEL	GUARDIAN ACCESSORIES
GSWDC	Guardian Shield Wash Down Cap
GMSR	Guardian Modular Stack Ring
GHCAF	Guardian High Capacity 0.3 micron HEPA Air Filter
A655	Integrated Compound Vacuum/Pressure Gauge

# D and Z Series Breathers



## D-Series

Disposable and for Stationary Applications

### APPLICATIONS

Storage Tanks  
Fluid Reservoirs  
Transformers  
Pumps  
Gearboxes

## D-SERIES

### Disposable and for Stationary Applications

The D-Series breathers feature numerous models in a variety of sizes, designed to satisfy the requirements of most stationary fluid management applications. All D-Series models feature 2-micron solid particle filtration. Constructed of industrial grade raw materials, tested to ensure a wide range of chemical compatibilities, and features high impact resistant ABS top and bottom caps.

HEIGHT INCH(CM)	MODEL	CONNECTION	DESCRIPTION
5 (12.7)	D101	1" slip fit	Air Sentry D-Series Silica Gel Desiccant Breather 5"H x 5"D / 1.4 lbs of silica gel 8.6 fluid ounces of maximum adsorption capacity
	S154	1" MNPT	
8 (20.3)	D102	1" slip fit	Air Sentry D-Series Silica Gel Desiccant Breather 8"H x 5"D / 2.7 lbs of silica gel 16.56 fluid ounces of maximum adsorption capacity
	D103	1" MNPT	
	D104	2" MNPT	
10 (25.4)	D108	2" MNPT	Air Sentry D-Series Silica Gel Desiccant Breather 10"H x 5"D / 3.5 lbs of silica gel 21.47 fluid ounces of maximum adsorption capacity
ALL D-SERIES BREATHERS FEATURE:			100% Silica Gel 20 cfm maximum air flow 150 gpm maximum reservoir fluid flow



## Z-Series

Limited Space Applications

### APPLICATIONS

Storage Tanks  
Drums  
Totes  
Small Oil Containers

## Z-Series

### Limited Space Applications

Air Sentry® Z-Series breathers are designed for applications where space is limited or air flow requirements are below 5 cfm. The Z-Series is typically used on gearboxes and low fluid volume applications where mounting space is limited or where a larger breather won't fit without remote mounting.

HEIGHT INCH(CM)	MODEL	CONNECTION	DESCRIPTION
2 (5.1)	Z131	1/2" FNPT	Air Sentry Z-Series Silica Gel Desiccant Breather 2"H x 2"D / .08 lbs of silica gel .49 fluid ounces of maximum adsorption capacity
3.25 (8.3)	Z132		Air Sentry Z-Series Silica Gel Desiccant Breather 3.25"H x 2"D / .1 lbs of silica gel .92 fluid ounces of maximum adsorption capacity
2 (5.1)	Z133		Air Sentry Z-Series Silica Gel Desiccant Breather 2"H x 3.25"D / .3 lbs of silica gel 1.84 fluid ounces of maximum adsorption capacity
3.25 (8.3)	Z134		Air Sentry Z-Series Silica Gel Desiccant Breather 3.25"H x 5"D / .5 lbs of silica gel 3.06 fluid ounces of maximum adsorption capacity
5.5 (14)	Z135		Air Sentry Z-Series Silica Gel Desiccant Breather 5.5"H x 3.25"D / .8 lbs of silica gel 4.91 fluid ounces of maximum adsorption capacity
ALL Z-SERIES BREATHERS FEATURE:			100% Silica Gel 5 cfm maximum air flow 37 gpm maximum reservoir fluid flow

# M and R Series Breathers

## M-Series

### Heavy Duty Applications

M-Series breathers are designed from heavy-duty materials capable of handling the requirements of the most severe environments. They replace the standard breather cap or vent tube on fuel tanks and fluid reservoirs. Pipe threads on the bottom standpipe make the units easy to install in moments. All M-Series designs have 2 micron pleated filters and silica gel bags that are easily replaced. They also feature the proprietary Splash Sentry™, which prevents foaming or splashing fluids from entering the breather during normal operating conditions.



## M-Series Heavy Duty Applications

### APPLICATIONS

Heavy Duty Off-Road Equipment  
Mobile Heavy Equipment  
High Temperatures  
Corrosive Chemicals

HEIGHT INCH(CM)	MODEL	CONNECTION	DESCRIPTION
6.6 (16.8)	M103	1" MNPT	Air Sentry M-Series Silica Gel Desiccant Breather 6.6"H x 10"D / 2.1 lbs of silica gel 12.88 fluid ounces of maximum adsorption capacity 35 cfm max air flow / 262 gpm max reservoir fluid flow
	M104	2" MNPT	Air Sentry M-Series Silica Gel Desiccant Breather 6.6"H x 10"D / 2.1 lbs of silica gel 12.88 fluid ounces of maximum adsorption capacity 120 cfm max air flow / 900 gpm max reservoir fluid flow
12 (30.5)	M105	1" MNPT	Air Sentry M-Series Silica Gel Desiccant Breather 12"H x 10"D / 4.5 lbs of silica gel 27.6 fluid ounces of maximum adsorption capacity 35 cfm max air flow / 262 gpm max reservoir fluid flow
	M106	2" MNPT	Air Sentry M-Series Silica Gel Desiccant Breather 12"H x 10"D / 4.5 lbs of silica gel 27.6 fluid ounces of maximum adsorption capacity 120 cfm max air flow / 900 gpm max reservoir fluid flow
13.5 (34)	M107	3" MNPT	Air Sentry M-Series Silica Gel Desiccant Breather 5.5"H x 3.25"D / .8 lbs of silica gel 4.91 fluid ounces of maximum adsorption capacity 300cfm max air flow / 2250gpm max reservoir fluid flow
ALL M-SERIES BREATHERS FEATURE:			100% Silica Gel

## R-Series

### High Vibration Applications

Most heavy equipment - productive and on the move - is outfitted with hydraulic fluid tanks or reservoirs which breathe in the dirty outside air. R-Series breathers are ideal for these high vibration, mobile applications, including off-road, construction and farm vehicles. R-Series desiccant breathers are easily mounted in place of standard breather caps via rugged steel pipe threads and a reusable metal base. When the gold silica gel cartridge turns dark green, simply install a new replacement cartridge to keep things moving!



## R-Series High Vibration Applications

### APPLICATIONS

Cranes  
Railroad Equipment  
Farm Implements  
Construction Vehicles  
Off-Road Trucks

HEIGHT INCH(CM)	MODEL	CONNECTION	DESCRIPTION
6.5 (16.5)	R101	1" MNPT	Air Sentry R-Series Silica Gel Desiccant Breather 6.5"H x 5.2"D / 1.4 lbs of silica gel 8.6 fluid ounces of maximum adsorption capacity
9.5 (24.1)	R102		Air Sentry R-Series Silica Gel Desiccant Breather 9.5"H x 5.2"D / 2.7 lbs of silica gel 16.56 fluid ounces of maximum adsorption capacity
6 (15.2)	R111	1.125" FT	Air Sentry R-Series Silica Gel Desiccant Breather 6"H x 5.2"D / 1.4 lbs of silica gel 8.6 fluid ounces of maximum adsorption capacity
6.5 (16.5)	R121	2" MNPT	Air Sentry R-Series Silica Gel Desiccant Breather 6.5"H x 5.2"D / 1.4 lbs of silica gel 8.6 fluid ounces of maximum adsorption capacity
9.5 (24.1)	R122		Air Sentry R-Series Silica Gel Desiccant Breather 9.5"H x 5.2"D / 2.7 lbs of silica gel 16.56 fluid ounces of maximum adsorption capacity
12 (30.5)	R123		Air Sentry R-Series Silica Gel Desiccant Breather 12"H x 5.2"D / 3.5 lbs of silica gel 21.47 fluid ounces of maximum adsorption capacity
ALL R-SERIES BREATHERS FEATURE:			100% Silica Gel 25 cfm maximum air flow 187 gpm maximum reservoir fluid flow

# X and XR Series Breathers



## X-Series

High Humidity / High Dust Applications

### APPLICATIONS

Paper Mills  
Wash-Down Areas  
Steam Cleaning Rooms  
Mine Quarries

## X-Series

### High Humidity / High Dust Applications

X-Series Breathers are the perfect solution for high humidity and high dust environments. To extend the desiccants life, the X-Series incorporates 2 check valves and a reusable top cap. The check valves provide a closed system until airflow is required, extending the service life of the desiccant.

HEIGHT INCH(CM)	MODEL	Connection	DESCRIPTION
6.25 (16)	X100	1/2" FNPT	Air Sentry X-Series Silica Gel Desiccant Breather 6.25"H x 3.25"D / .8 lbs of silica gel 4.91 fluid ounces of maximum adsorption capacity 10 cfm maximum air flow 75 gpm maximum reservoir fluid flow Check valve PSI in/out: 0.3/0.3
7 (17.8)	X101	1" slip fit	Air Sentry X-Series Silica Gel Desiccant Breather 7"H x 5"D / 1.4 lbs of silica gel 8.6 fluid ounces of maximum adsorption capacity 20 cfm maximum air flow 150 gpm maximum reservoir fluid flow Check valve PSI in/out: 0.1/2.0
	X103	1" MNPT	
	X121	2" MNPT	
	X102	1" slip fit	
	X105	1" MNPT	
10 (25.4)	X122	2" MNPT	Air Sentry X-Series Silica Gel Desiccant Breather 10"H x 5"D / 2.7 lbs of silica gel 16.56 fluid ounces of maximum adsorption capacity 20 cfm maximum air flow 150 gpm maximum reservoir fluid flow Check valve PSI in/out: 0.1/0.1
	X501	1" slip fit	
	X503	1" MNPT	
	X521	2" MNPT	
	X502	1" slip fit	
	X505	1" MNPT	
X522	2" MNPT		

ALL X-SERIES BREATHERS FEATURE:

100% Silica Gel



## XR-Series

Extreme Environment Applications

### APPLICATIONS

Wind Power Generation  
Mining Equipment  
Mobile Equipment

## XR-Series

### Extreme Environment Applications

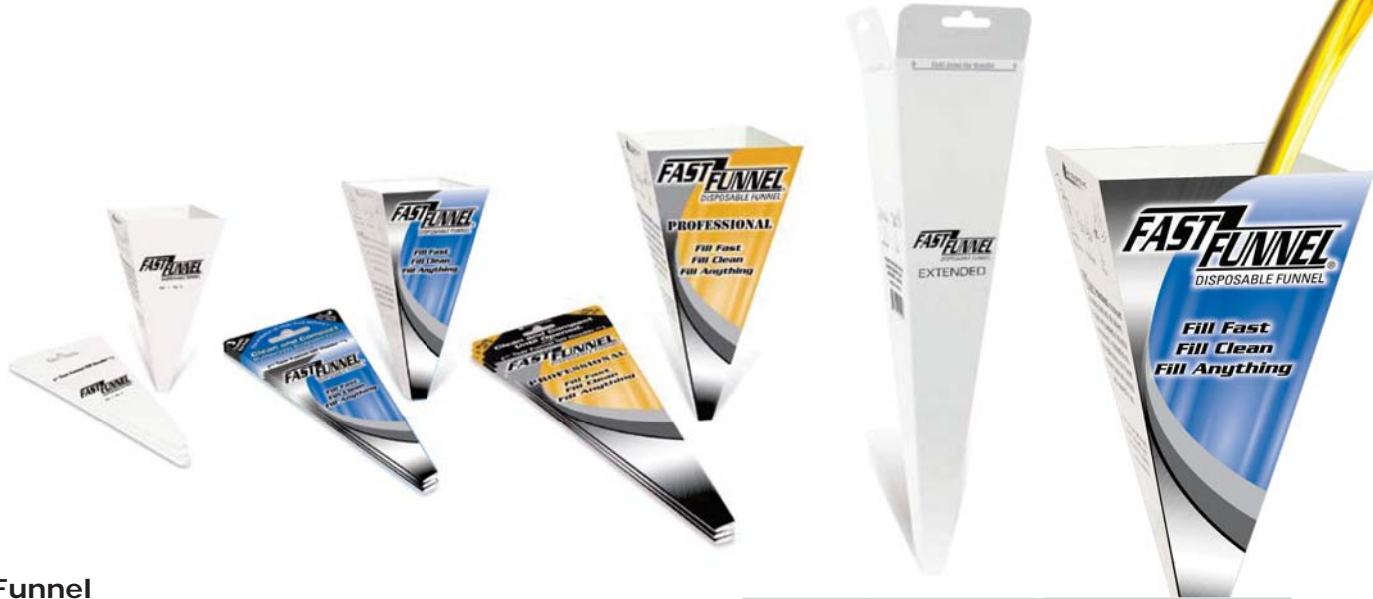
Air Sentry XR-Series breathers, originally conceived for the wind power industry, are designed to perform in any extreme environment where protection from dust, moisture and vibration are critical. XR-Series breathers include a metal reinforced base available with male NPT threads to adapt to your equipment. The base is designed to handle the rigors of high vibration applications. The top cap uses two check valves to prevent outside moisture and solid contaminants from entering the breather until there is a need for airflow.

HEIGHT INCH(CM)	MODEL	Connection	DESCRIPTION
8.5 (21.6)	XR101	1" MNPT	Air Sentry X-Series Silica Gel Desiccant Breather 8.5"H x 5.2"D / 1.4 lbs of silica gel 8.6 fluid ounces of maximum adsorption capacity Check valve PSI in/out: 0.1/2.0
	XR121	2" MNPT	
	XR501	1" MNPT	
	XR521	2" MNPT	
11.5 (29.2)	XR102	1" MNPT	Air Sentry X-Series Silica Gel Desiccant Breather 11.5"H x 5.2"D / 2.7 lbs of silica gel 16.56 fluid ounces of maximum adsorption capacity Check valve PSI in/out: 0.1/2.0
	XR122	2" MNPT	
	XR502	1" MNPT	
	XR522	2" MNPT	
14 (35.6)	XR108	2" MNPT	Air Sentry X-Series Silica Gel Desiccant Breather 14"H x 5.2"D / 3.5 lbs of silica gel 21.47 fluid ounces of maximum adsorption capacity Check valve PSI in/out: 0.1/2.0
	XR508	2" MNPT	

ALL XR-SERIES BREATHERS FEATURE:

100% Silica Gel  
25 cfm maximum air flow  
187 gpm maximum reservoir fluid flow

# Disposable Funnels and Filters



## Disposable Funnel

Disposable funnel made from a coated, heavy grade paper stock that can be used with virtually any liquid or powder. Funnels are folded flat for storage so you can keep them where you need them. With a new filter always ready to use, it helps to prevent contamination and cross contamination.

Mini, 5" x 2.4"	pack of 25: FF05-0120
Standard, 5.6" x 2.75"	pack of 36: FF01-0132
Professional, 9" x 4.25"	pack of 36: FF03-0140
Extended, 16.3" x 3.5"	pack of 10: FF04-0120
XXL 15.5" x 7.25"	pack of 1: FF11-0120



Nylon mesh with 75 or 150 micron rating

## Disposable Filter Funnel

Disposable filter funnel offers instant and quick basic filtering of fluids virtually anywhere. Fast Filter is made from heavy polycoated paperstock, stores flat, and is ready to be used at any time. Single layer NMO mesh is available in two micron ratings.

Dimensions: 9.25"H x 4.25" in x .25" out	
150 micron	pack of 10: FT12-1500
75 micron	pack of 10: FT12-0750

# Absorbent Products



## Absorbents

Ideal for cleaning up large spills of oil, gasoline, kerosene or other petroleum-based fluids, especially in marine environments, because they float on water for extended periods of time. Excellent go-to product for outdoor MRO tasks when you want to avoid soaking up water-based liquids.

- Versatile and economical
- Single layer of polypropylene fibers bonded "sonically" together, creating a dimpled surface
- Made with the industry's highest quality polypropylene fibers
- Very fine, uniform-sized fibers increase loft and absorbency
- Stronger and less linting than plain polypropylene meltblown
- Perforated for easy use
- Super water-resistant, absorbing virtually no water-based liquid
- Fire retardant as per ASTM 726

ABSORBENT PRODUCTS				
Part #	Format	Weight	Size	Units / Case
1MBGPB	Pad	Heavy	15" x 18"	100
2MBGPB	Pad	Medium	15" x 18"	100
1MBGRB	Roll	Heavy	30" x 150'	1
2MBGRB	Roll	Medium	30" x 150'	1
16GPILL1818	Pillow	Medium	18" x 18"	16
25MBGDRUM	Drum Top	Heavy	22"	25
30GS34-SB	Sock	Medium	3" x 4'	30



# Drum Accessories



## Rotary Barrel Pump

This heavy duty rotary barrel pump has an aluminum die cast body and includes a 2" cast iron bung adaptor and die cast aluminum handle with security locking latch.

- Complete with a 3 pc threaded suction tube for use on 15 gallon (50 liter) - 55 gallons (205 liter) barrels.
- Recommended for use with lubricating oils up to SAE 30, gasoline, diesel fuel, and kerosene.
- 1.8 m PVC nitrile delivery hose with metal nozzle, spring, and hose clamp.
- Delivers 1 liter for 12 strokes.
- Do not use with corrosive liquids, solvents, acids, alkalis, and similar liquids. Never operate the pump near fire or source of spark.

Part Number : 950020



## Lever Action Barrel Pump

Designed to fit containers ranging in size from 15 gallon (50 liter) through 55 gallon (205 liter), this popular lever action pump is engineering for industrial use.

- A plated steel lever handle with rubber grip for convenience.
- Built in 1.5" and 2" bung for use on drums with either opening.
- Premium power coated steel pump body with ribber section aluminum die cast pump head for maximum strength.
- Curved metal spout and telescopic suction tube.
- With a non return viton seal the pump can also be used with anti-freeze, solvents, thinners, automotive additives, industrial chemicals, and other non corrosive liquids. It is not suitable for water based fluids, gasoline, and corrosive fluids.

Part Number : 950000



## Drum Opener

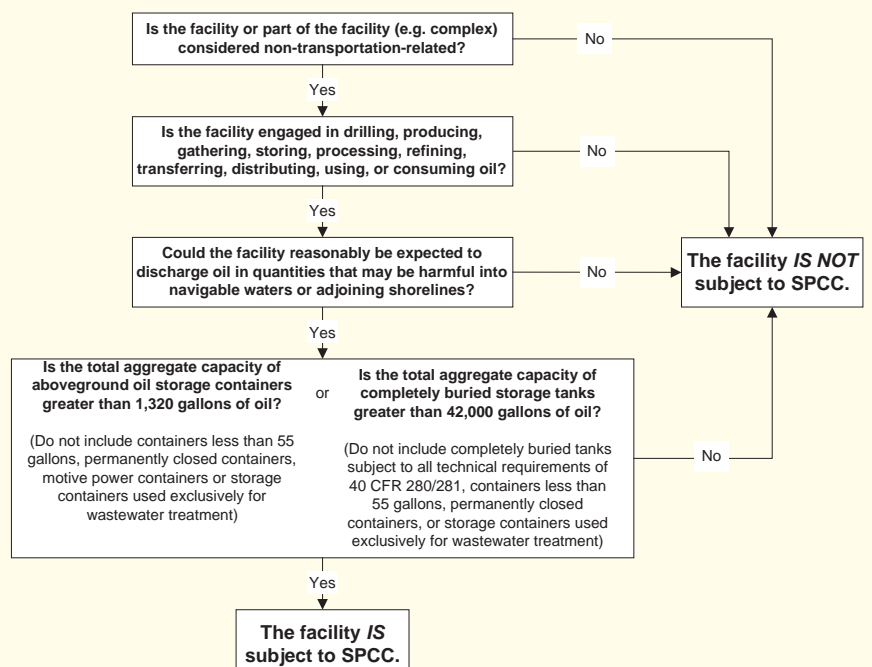
An easy and convenient tool to open almost all types of drums. Ends of the wrench are designed to fit perfectly onto most 2" and 3/4" drum plugs. Made of cast aluminum, hardened and tempered for increased strength.

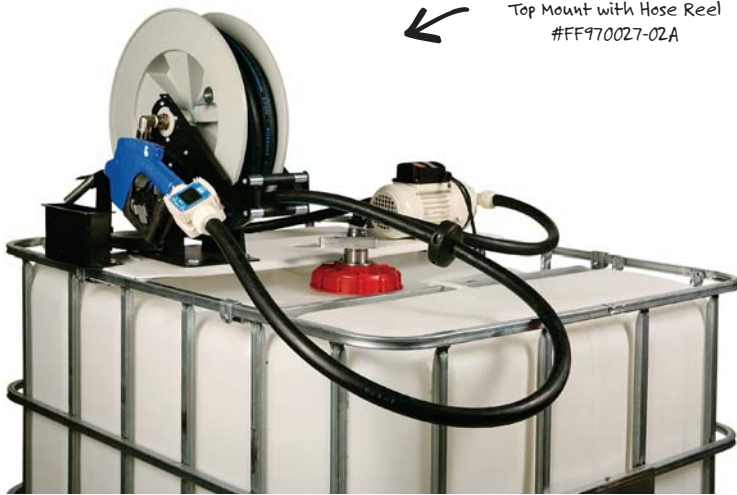
Part Number : 950150



## SPCC Guidelines

The Oil Pollution Prevention regulation, under the authority of the Clean Water Act, sets forth requirements for prevention of, preparedness for, and response to oil discharges at specific non-transportation related facilities. To prevent oil from reaching navigable waters and adjoining shorelines, and to contain discharges of oil, the regulation requires these facilities to develop and implement SPCC plans, establish procedures, methods, and equipment requirements. There are a lot of different guidelines and regulations for the EPA's SPCC rule and further information can be found online at: [www.epa.gov](http://www.epa.gov)





tote and coupler not included

Side Mount  
#FF970027-6A



## Closed IBC Transfer System for DEF

275 or 330 gallon DEF IBC Tote system for use with closed system couplers and valves of your choice. This system is designed to be compatible with MicroMatic RSV and EPV series couplers as well as Colder Products "DrumQuick Pro" couplers.

- 8 GPM, 115 VAC Self Priming Pump, w/ 6 min. timeout feature
- Electronic Digital Turbine Meter
- Stainless Steel Automatic Discharge Nozzle
- Nozzle Holder and Drip Cup
- Tote Mounting Plate with Hardware

Part #	Description
FF970027-6A	DEF Side Mount IBC Transfer System
FF970027-02A	DEF Top Mount IBC Transfer System with 25' Hose Reel

Note: Coupler sold separately, see below.

Other systems and configurations available.



## Closed 55 Gallon Drum Cart System for DEF

55 Gallon Drum Cart system for use with closed couplers and valves of your choice. This system is compatible with MicroMatic RSV and EPV couplers as well as Colder Products "DrumQuick Pro" couplers.

- 8 GPM, 115 VAC Self Priming Pump, w/ 6 min. timeout feature
- Electronic Digital Turbine Meter
- Stainless Steel Automatic Discharge Nozzle
- 3/4" x 12' Discharge & Pump Connection Hose
- Heavy Duty Mobile Cart, with 2,600 lb. load rating

Part #	Description
FF51009C-S9A	55 Gallon Cart System

Note: Coupler sold separately, see below.

### Couplers



Stainless Steel 4 pin RSV Series Quick Coupler  
#FF195205D



Closed, 4 pin poly coupler works with stainless RSV or poly RPV valves  
#FF195205P



Stainless Steel EPV Dispensing Coupler  
#FF195206A



Polypropylene DrumQuick Pro Coupler  
#FF195207A

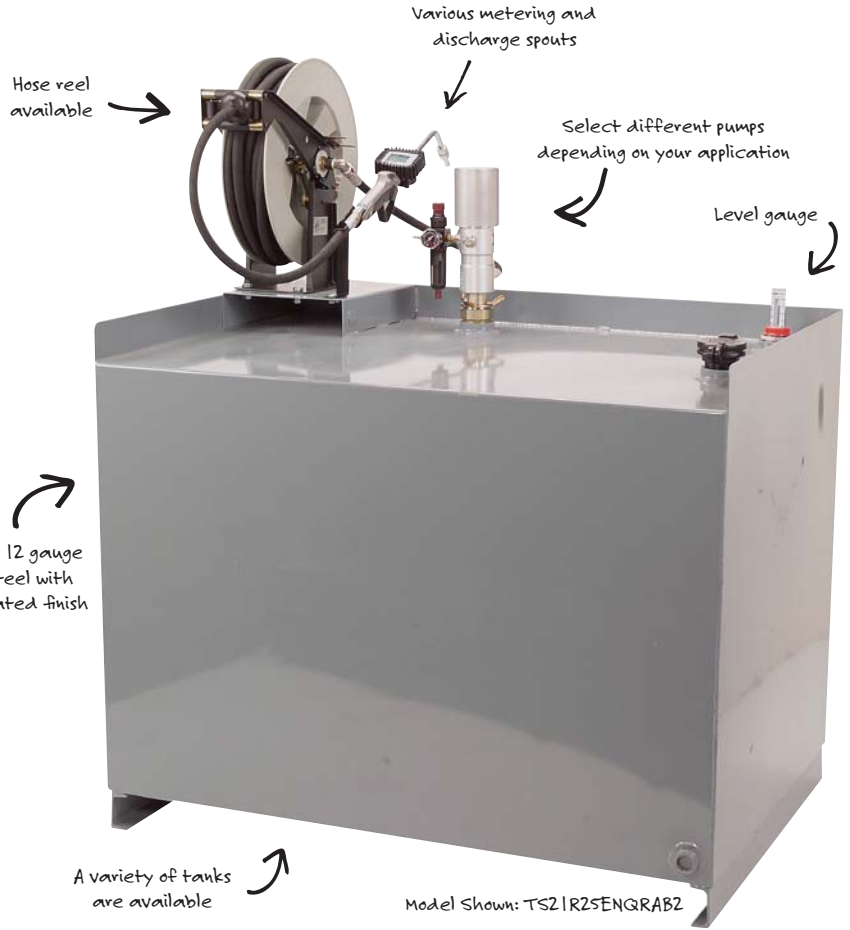
# Standard Tank Systems

## Custom Tank Solutions

These tank systems come completely assembled and ready for use, and of course, arrive tailored to your application.

All tank systems include the following:

- Pump options include air and electric options
- 2" bung adapter
- Suction pipe with foot valve
- Air filter/regulator (not supplied with electric pump systems)
- Your choice of meter and control handle
- Hose reel options
- 1/2" x 2' oil jumper hose
- 3/8" x 6' air jumper hose (not supplied with electric pump systems)
- 1/4" air quick coupler (not supplied with electric pump systems)
- 1" Drain
- Tank level gauge
- Vented fill cap



Model Shown: TS21R25ENGRAB2

A variety of tanks are available

# Customize Your System:

### SYSTEM IDENTIFIER

TS Tank System

### PUMP SELECTION

- 09 3/4" Double Diaphragm
- 11 1/2" Double Diaphragm
- 12 1:1 Pump, 5 GPM without spigot
- 20 3:1 Pump, 5 GPM
- 21 5:1 Pump, 5 GPM
- 22 5:1 Pump, 8 GPM
- 23 5:1 Pump, 12 GPM

### REEL SELECTION

- H20 1/2" x 20' Hose Only
- R25 1/2" x 25' Hose Reel
- R30 1/2" x 30' Hose Reel
- R40 1/2" x 40' Hose Reel
- R50 1/2" x 50' Hose Reel
- C75 1/2" x 75' Hose Reel

### METER SELECTION

- VN Control Valve w/o Meter, VN200 Series
- EN Electronic Non-Preset Meter, LD250 Series
- EB Electronic Non-Preset Meter, LB300 Series
- EW Windshield Wash Fluid (for use with 1:1 pumps only)
- EP Electronic Preset Meter, K500 Series
- ES Standard Model Electronic Preset Meter, BP100 Series
- MN Mechanical Non-Preset Meter
- MP Mechanical Preset Meter
- WB Hose Bib (for use with 1:1 pumps only)

### TYPE OF CALIBRATION

- X Non-Applicable
- O Quart Calibration
- G Gallon Calibration
- P Pint Calibration

### TYPE OF DISCHARGE SPOUT

- R Rigid
- F Flex
- H Hose, 12"
- X No Tip

### TYPE OF DISCHARGE TIP

- A Automatic
- M Manual
- H High Flow Manual

### TANK SELECTION

- T1 275 Gallon Oval 60"L x 27"D x 52"H
- T2 330 Gallon Oval 72"L x 27"D x 52"H
- T3 275 Gallon Oval Vertical 52"L x 27"D x 60"H
- T4 330 Gallon Oval 17"W x 52"L x 76"H
- B1 165 Gallon Bench 36"L x 33"D x 39"H
- B2 225 Gallon Bench 48"L x 33"D x 39"H
- B3 280 Gallon Bench 60"L x 33"D x 39"H
- C3 336 Gallon Tower 36"L x 36"D x 64"H
- R3 300 Gallon Round 37.75" Dia x 62"
- R4 300 Gallon Round UL Listed 38" Dia x 60"
- R6 500 Gallon Round UL Listed 46" Dia x 71.5"



Model Shown: TS20R40ENGRAT1

Part Number: TSxx

xx

xx

x

x

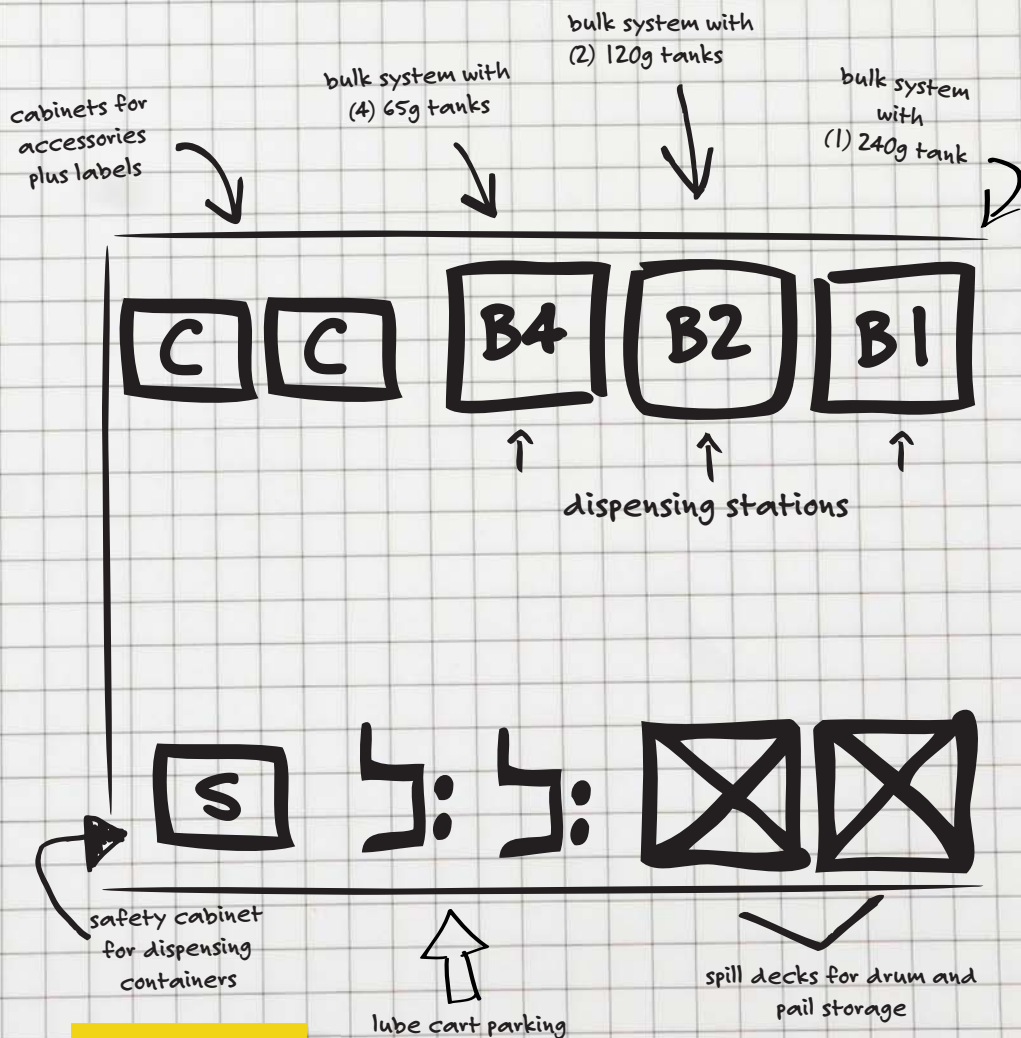
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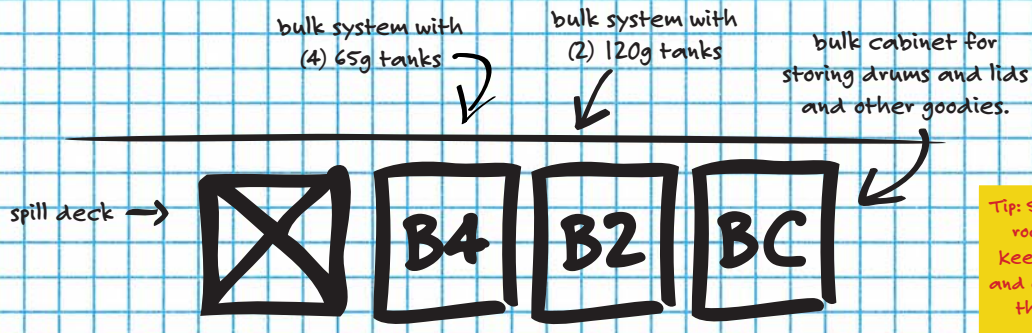
# NEW LUBE ROOM DESIGN

## ⇒ GOALS:

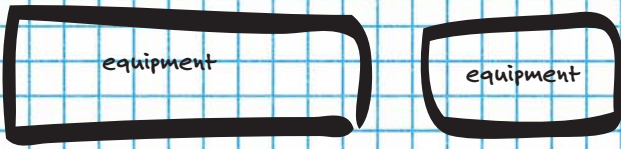
- \* Be Organized
- \* Eliminate errors!
- \* Safer and CLEANER



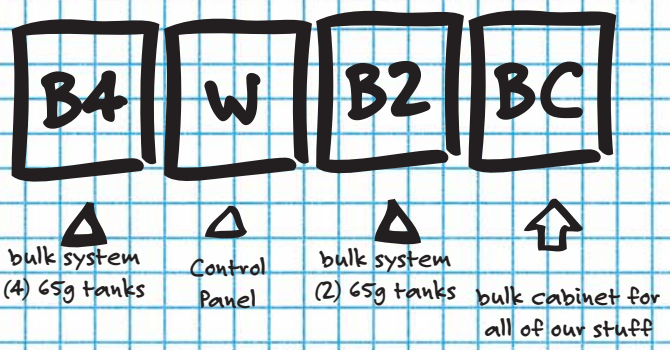
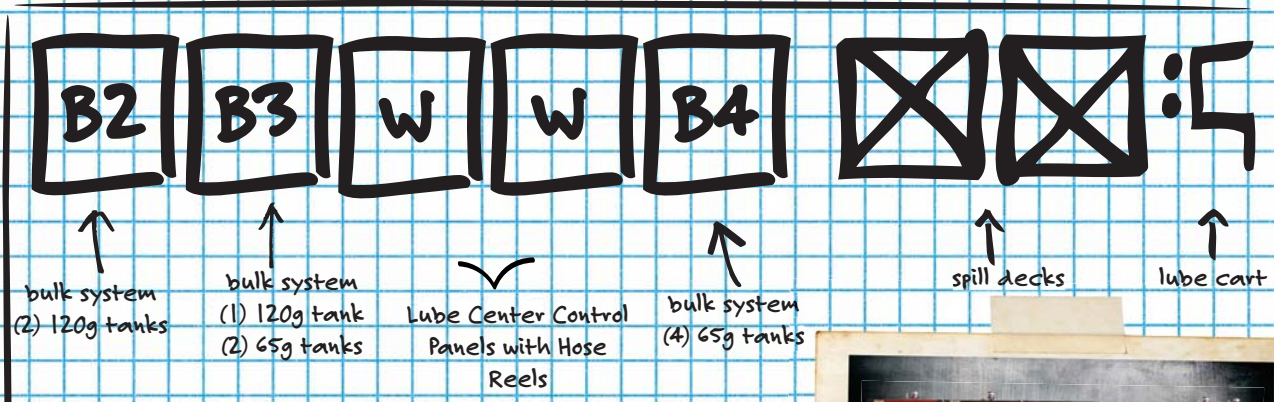
Tip: Label cabinets and shelves for their intended purpose. This way your layout will be more accurate for your needs.

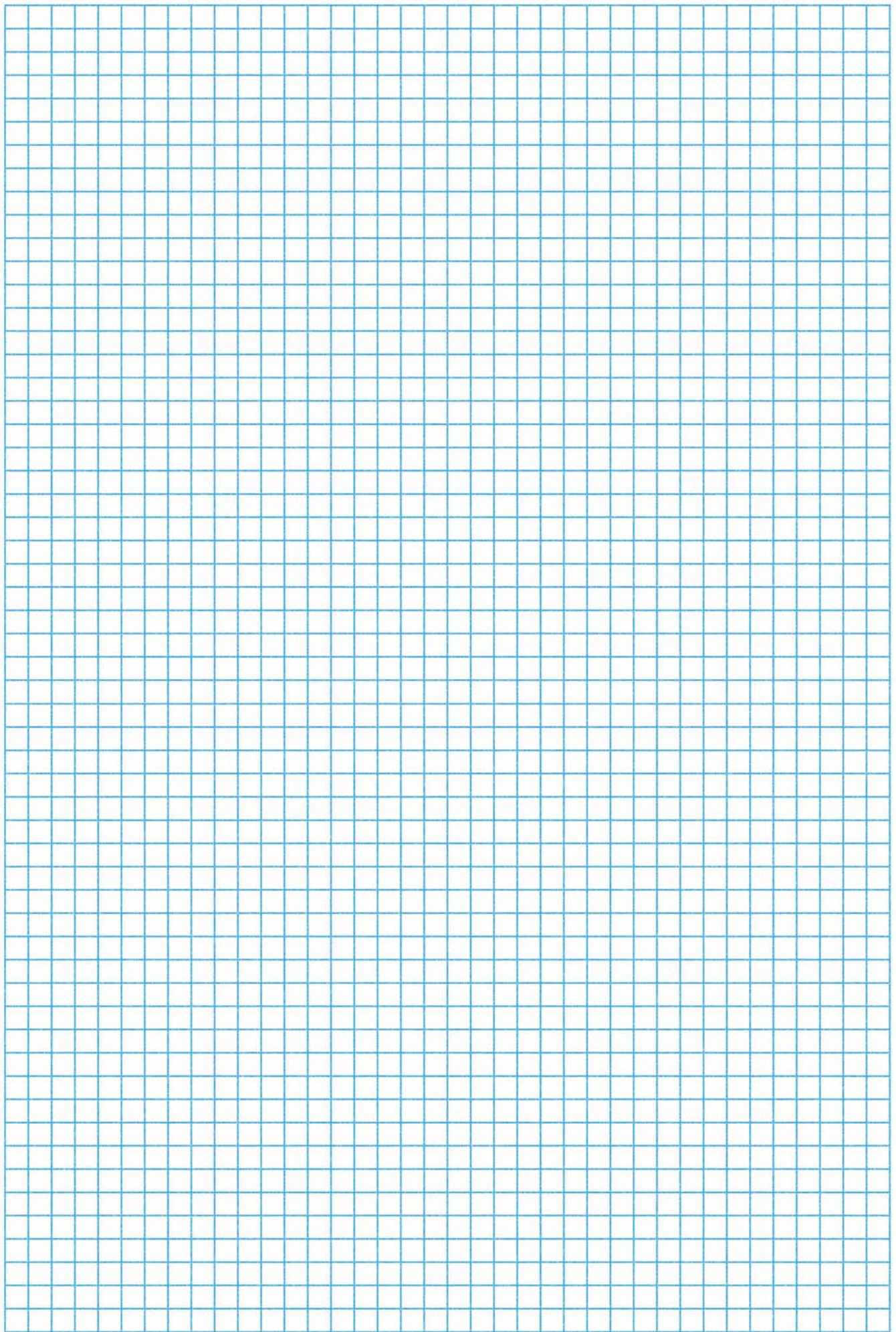


Tip: Sometimes it's not a "lube room", but a "lube area". Keeping the area organized and clean will say a lot about the organization and its operations.



Tip: Try to draw it to scale as much as possible. Depending on the size of your room, one square equals one foot. If you have a smaller room then two squares for one foot.





# Notes

Tip: Additional space may be needed depending on options such as hose reels. Also leave extra space around equipment for getting to power outlets.



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Web: <https://www.panamequipment.com>

This brochure is to be used only as a guide for setting up a lube room. Local codes and ordinances vary. Always do your homework when setting up a facility. All information present is based on data available at the time of posting, is subject to change without notice.