

Bulk Storage the OIL SAFE Way

OIL SAFE Bulk Systems are the most feature rich and highest quality lubricant storage and dispensing systems available.



Establish Best Practice

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

* Photographed Lubrication Work Center shown with optional Storage Cabinet.

Introduction

Perfect for any workplace looking to instantly establish best practice by quickly ridding itself of antiquated bulk oil storage equipment and processes. An OIL SAFE 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.

Simply choose from one of our 3 base systems and then configure it to meet your specific workplace requirements.

System Benefits

- **Clean, Safe and Professional** storage and handling of bulk lubricants restores pride in the craft and drives workplace organization and efficiency.
- **Choice of 4 Aluminized Steel Tank** sizes; (30, 65, 120 and 240 gallons).
- **Scalable and Configurable** – scale system to accommodate the number of lubricants required for storage and dispensing.

- **Choice of 10 Tank Colors & Identification Labeling** – use colors and labels as part of a lubricant identification convention to ensure the right lubricant goes into the right transfer container and the right machine.
- **Spill Control** – all systems come standard with integrated spill pans for SPCC compliance and overall environmental protection.
- **Fire Suppression** – includes MSHA-CFR30 – rated flame resistant fire suppression hoses as standard with optional fusible link tank isolation valves and auto-shut off Taps.
- **Filtration** – all systems come with fluid filtration capability with a choice of micron ratings and also desiccant air breathers.
- Accommodate lubricants **up to ISO 680**.
- **All systems ship in full assembled pods** – for efficient freight and rapid on-site installation.
- **Transport** – all systems have integrated spill transport pallets for easy forklift and hand truck access for freight and workplace mobility.

Three System Types

The OIL SAFE Bulk Storage System can be configured or customized to suit your application and budget.

The base systems featured in this brochure have been defined for your convenience and highlight a number of popular pre-configured solutions.

There is no limit to the different configurations possible with the OIL SAFE Bulk Storage System. The system is fully modular and interchangeable therefore if none of the solutions shown in this brochure meet your exact requirements, speak with your Fluid Defense representative so that a custom configuration can be developed.



Basic

If you want improved practices that are economical on space and budget, this is it.

- Basic Contamination Control.
- Very space efficient.
- Easy relocation around the plant.
- One Pump per System.
- Gravity fed dispensing.



Advanced

If you want best practice with value that delivers, this is it.

- Best Practice Contamination Control.
- Very space efficient.
- Easy relocation around the plant.
- One Pump & Filter per Tank.
- Pressurized dispensing.



Lubrication Work Center

If you want the best, this is it. There is nothing better.

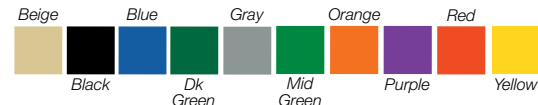
- Ultimate Best Practice.
- Instant Lube Room.
- Premium ergonomic dispensing and working surfaces.
- Parts & Tool storage.
- Electrical & Mechanical protection systems.
- One Pump & Filter per Tank.
- Pressurized dispensing.
- Numerous upgrade options.

SYSTEM COMPARISON MATRIX

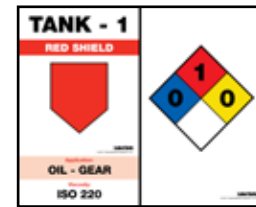
FEATURES	BASIC	ADVANCED	LUBRICATION WORK CENTER
Gravity Dispensing from Taps	•		
One pump, filter & suction tube per system	•		
Pressurized Dispensing from Taps		•	•
One pump, filter & suction tube per tank		•	•
3 Way Filtration – fill, re-circulate, dispense		•	•
Electrical Protection – Circuit Breakers, Surge Protectors, Motor Overload Protection			•
Push Button Emergency System Stop			•
Independent Ergonomic Stainless Steel Dispensing Console			•
Integrated Parts & Tools Storage			•
Optional Hose Reels			•
Optional Two Stage Filtration			•

TANKS

Mix and match different tanks to meet your lubricant volume and identification requirements.



- **Color Coded** – choice of 10 colors for accurate lubricant identification.
- **4 Standard tank sizes** – 30, 65, 120 & 240 gallons. If this brochure doesn't include the particular tank combinations you need – let us know. We can easily configure a system to meet your requirements.
- **Heavy Duty Construction** – 12 gauge aluminized steel for long life, other tank material options available to suit your specific fluid & environmental requirements.



CUSTOM ID LABELING (optional upgrade)

Fully integrated customized identification labeling upgrades are available upon request to assist with no mistake application, OSHA Right-To-Know Compliance and NFPA.

FLUID CLEANLINESS

Minimize lubricant contamination with:

- **In-line filtration** – ensures fluid cleanliness.
- **Desiccant Breather** – dedicated breather for each tank ensures cleanliness by removing air borne contaminants and moisture build up.
- **Dispense** – clean oil from high quality auto-shut off Taps to transfer containers.
- **Filling** – suction tubes with secure cam lock couplings.
- **Superior contamination control** with Advanced Systems and Lubrication Work Center:
 - **Dedicated components** – each tank has its own Pump, Filter and Suction Tube to eliminate cross contamination.
 - **3 way in-line filtration** – filter every time you move the fluid – fill, recirculate & dispense.
 - **Dispense** – optional Hose Reels for dispensing to transfer containers and carts. (Lubrication Work Centers only.)
 - **Filling** – dedicated suction tubes per tank.
 - **Recirculate & Re-filter** – ensure maximum cleanliness and service life.

COMPLIANCE

- **Fire Safety** – all systems come standard with MSHA – CFR30 rated hosing and have the option to include auto-shut off tank isolation valves.



- **OSHA – Right to Know** – color-coded and labeled tanks and Taps ensure accurate fluid identification and handling.
- **EPA – SPCC** – System comes standard with integrated spill containment transport pallets for EPA SPCC compliance.

- **Electrical Protection** – Lubrication Work Center comes with circuit breakers, surge protectors, motor overload protection, grounding kit & emergency shut-down for enhanced asset and personal protection.



SPILL CONTROL

Multi-Tier Spill Control

- **Spill Pallets** – integrated spill pallets ensure compliance with EPA – SPCC legislation.
- **Drip Trays** – removable drip trays collect accidental drips and spills that may occur when dispensing into transfer containers. Made of stainless steel for durable long life and ease of cleaning.
- **Auto shut-off Fire Safety Valves** – Optional auto shut-off tank isolation valves for superior spill protection in the event of fire.
- **Auto shut-off dispensing taps** – high quality auto shut-off taps ensure minimal spills when operators are dispensing to transfer containers and avoid spills or loss if taps not closed after use.

MODULAR HEAVY DUTY CONSTRUCTION

Shipping in pre-assembled modules, the fully welded and powder coated steel frame sets are highly durable.

- **Ships in pre-assembled modules** that are ready out of the box for fast and easy on-site installation and implementation.
- **Integrated pallets** – that are forklift and hand truck compatible enabling easy transport into position, or moving to a new position if required.
- **Modular design** accommodates highly efficient road or sea freight anywhere in the world.

STORAGE

Built in cabinets and shelving ensure the fluid handling tools, equipment and identification parts are close to hand and stored in a highly organized manner.

- **Workplace Organization (5S)**
- **Cabinet Dimensions: 45" (w) x 45" (d) x 88" (h)**
- **Four Big Deep Shelves** - for bulk storage of containers, sorbents, grease guns, filters, oil analysis equipment and other fluid handling shop equipment.
- **Six Large Smooth Glide Drawers** - with removable parts trays for storage of fittings, tools, labels and parts.
- **Removable plastic parts bins** easily clip on and off internal racks to increase storage capacity and speed for small parts selection.
- **All welded, high quality powder coated cabinet** used as a standalone unit or easily adjoined with any OIL SAFE Bulk Storage System.
- Cabinets **ship fully assembled** and ready to use!

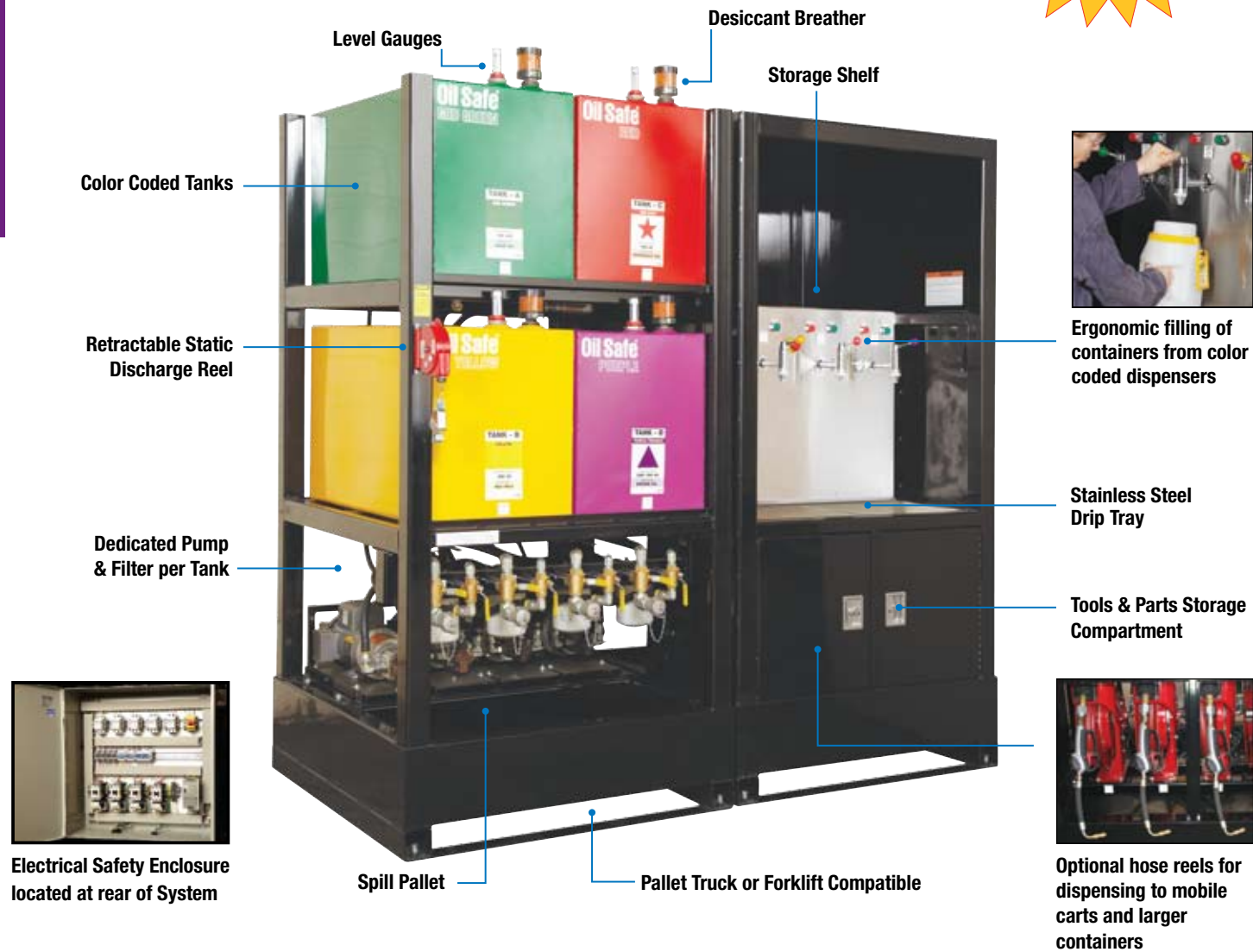


GENERAL FEATURES



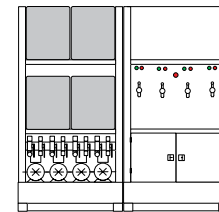
- **Top mounted Level Gauges** – easy and safe viewing of tank fill level.
- **Retractable Cable Reel Grounding Kit & System Earth Lugs** – to mitigate static-electricity build up.
- **Suitable** for storing machinery lubricating oils and glycol based coolants.
- **Power** – all systems come standard with 110V single phase TEFC motors and can be configured for other power supplies as required.
- **Identification** – system comes standard with color coded tanks and generic labels for each tank, tap, suction hose and port.

LUBRICATION WORK CENTERS



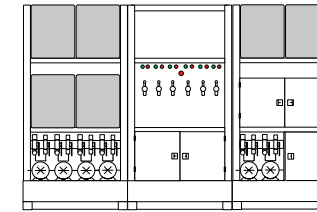
Models – Lubrication Work Centers

Select from the standard models below or contact your Fluid Defense representative for a custom system quote.



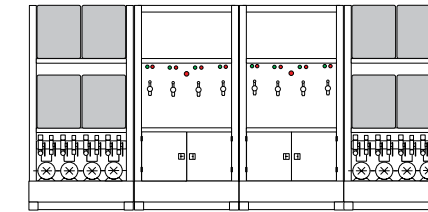
MODEL: 4 x 65 Gallon
SIZE: 92" (w) x 46" (d) x 88" (h)
PART # : 8W0400
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Hose Reel
- Two Stage Filtration
- Custom ID Labeling
- Differential Pressure Indicator



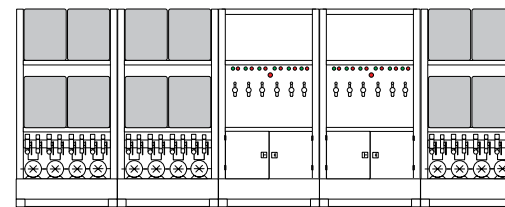
MODEL: 6 x 65 Gallon
SIZE: 138" (w) x 46" (d) x 88" (h)
PART # : 8W0600
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Hose Reel
- Two Stage Filtration
- Custom ID Labeling
- Differential Pressure Indicator



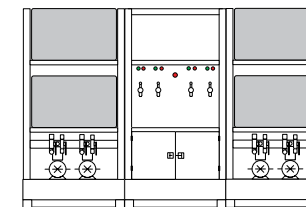
MODEL: 8 x 65 Gallon
SIZE: 184" (w) x 46" (d) x 88" (h)
PART # : 8W0800
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Hose Reel
- Two Stage Filtration
- Custom ID Labeling
- Differential Pressure Indicator



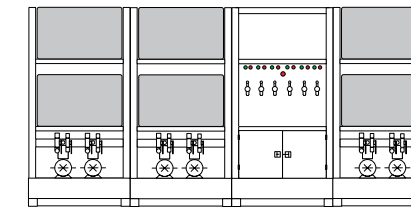
MODEL: 12 x 65 Gallon
SIZE: 230" (w) x 46" (d) x 88" (h)
PART # : 8W0C00
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Hose Reel
- Two Stage Filtration
- Custom ID Labeling
- Differential Pressure Indicator



MODEL: 4 x 120 Gallon
SIZE: 138" (w) x 46" (d) x 88" (h)
PART # : 8W0040
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Hose Reel
- Two Stage Filtration
- Custom ID Labeling
- Differential Pressure Indicator



MODEL: 6 x 120 Gallon
SIZE: 184" (w) x 46" (d) x 88" (h)
PART # : 8W0060
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Hose Reel
- Two Stage Filtration
- Custom ID Labeling
- Differential Pressure Indicator

Highlights

The OIL SAFE Lubrication Work Center is the best practice solution for storage and dispensing of lubricating oils and glycol based coolants in industrial facilities.

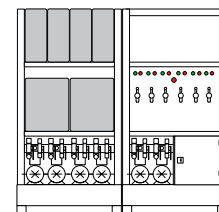
An instant Lube Room, this premium configuration incorporates best of class features such as:

- **Dedicated pump and filter per tank** – to prevent cross contamination of lubricants and ensure maximum cleanliness.
- **Electrical Protection** – circuit breakers, surge protectors and motor overload protection all ensure safe and effective operation in demanding environments.
- **Spill Containment** – built in spill containment for EPA SPCC compliance.

- **Ergonomic dispensing station** – dedicated ergonomic dispensing center with premium work surfaces and parts & tool storage.
- **Pre-assembled** – delivered pre-assembled with detailed owner's manual including installation instructions.
- **Fully welded and powder coated structural steel frame set** for maximum durability in industrial environments.
- **12 Gauge Aluminized Steel Tanks available in 4 sizes and 10 colors** – 30, 65, 120 and 240 gallons.
- **Flame Resistant Fire Suppression Hose Assemblies** – MSHA-CFR30 rated.

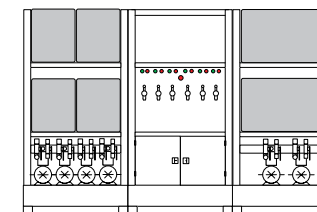
LUBRICATION WORK CENTER SPECIFICATIONS

SPCC Spill Containment	Pre-assembled	Taps	Pumps/Filter Set	3-Way Filtration	Electrical Protection	Dispensing Console	Dual Stage Filtration	High Viscosity Pumps	Fire Safety	Hose Reels
Yes	Yes	Pressurized	1 per Tank	Yes	Yes	Yes	Optional	Optional	Optional	Optional



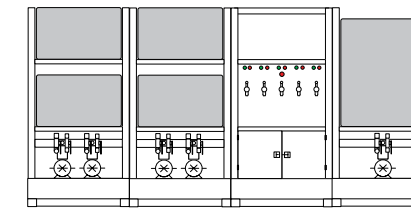
MODEL: 4 x 30 & 2 x 65 Gallon
SIZE: 92" (w) x 46" (d) x 88" (h)
PART # : 8W4200
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Hose Reel
- Two Stage Filtration
- Custom ID Labeling
- Differential Pressure Indicator



MODEL: 4 x 65 & 2 x 120 Gallon
SIZE: 138" (w) x 46" (d) x 88" (h)
PART # : 8W0420
UPGRADE OPTIONS:

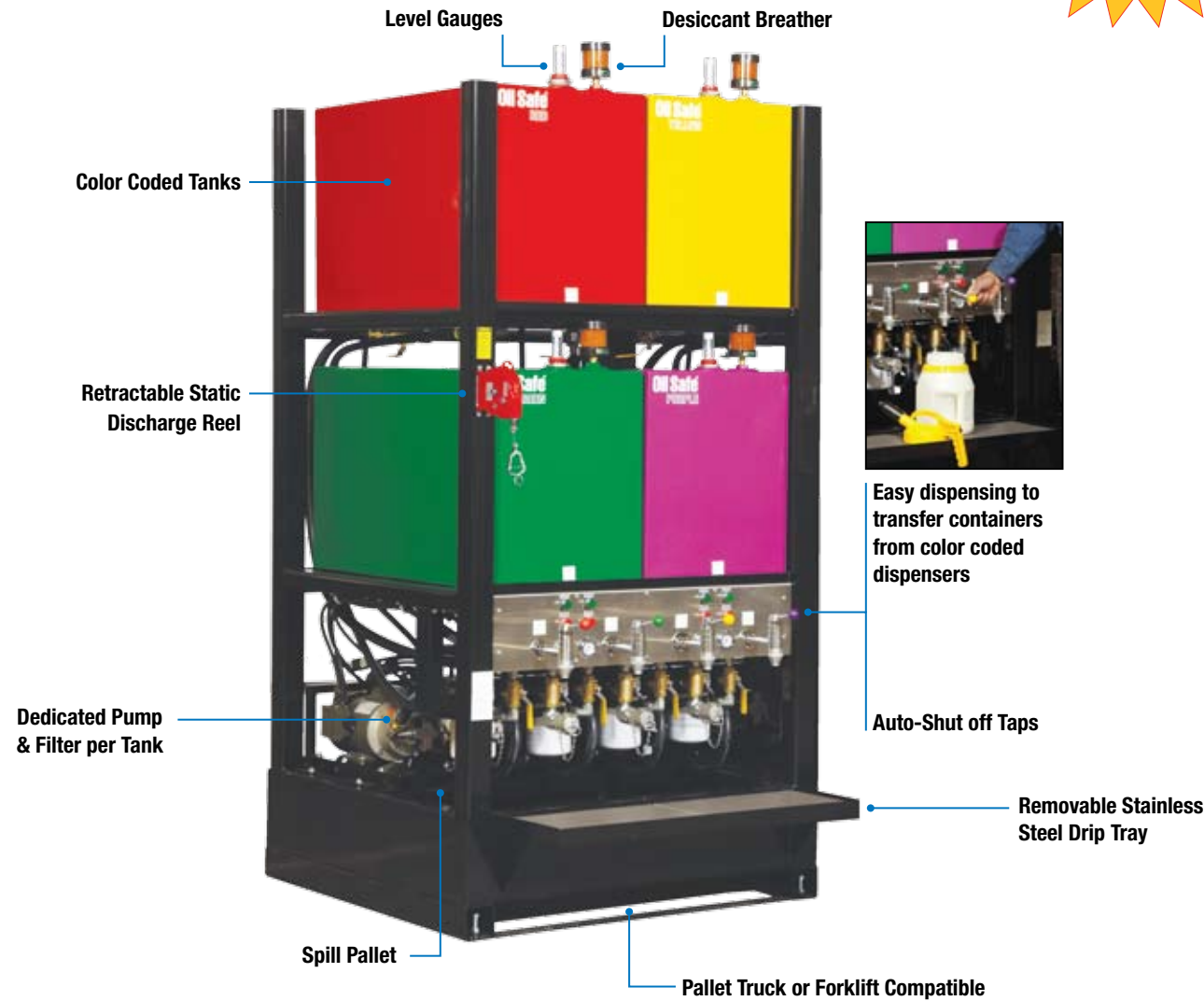
- Fire Upgrade
- High Viscosity Pump
- Hose Reel
- Two Stage Filtration
- Custom ID Labeling
- Differential Pressure Indicator



MODEL: 4 x 120 & 1 x 240 Gallon
SIZE: 184" (w) x 46" (d) x 88" (h)
PART # : 8W0041
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Hose Reel
- Two Stage Filtration
- Custom ID Labeling
- Differential Pressure Indicator

ADVANCED BULK SYSTEMS



Easy dispensing to transfer containers from color coded dispensers

Auto-Shut off Taps

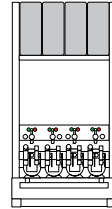
Removable Stainless Steel Drip Tray

Pallet Truck or Forklift Compatible



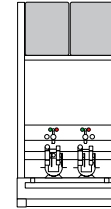
Models – Advanced Systems

Select from the standard models below or contact your Fluid Defense representative for a custom system quote.



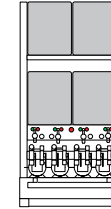
MODEL: 4 x 30 Gallon
SIZE: 46" (w) x 61" (d) x 88" (h)
PART # : 8A4000
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



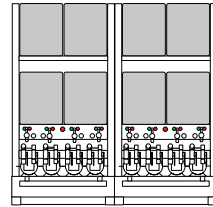
MODEL: 2 x 65 Gallon
SIZE: 46" (w) x 61" (d) x 88" (h)
PART # : 8A0200
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



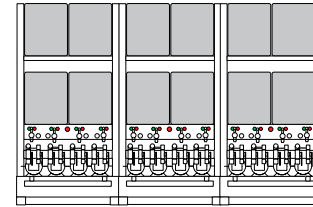
MODEL: 4 x 65
SIZE: 46" (w) x 61" (d) x 88" (h)
PART # : 8A0400
UPGRADE OPTIONS:

- Fire Upgrade:
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



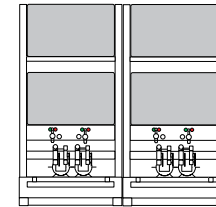
MODEL: 8 x 65 Gallon
SIZE: 92" (w) x 61" (d) x 88" (h)
PART # : 8A0800
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



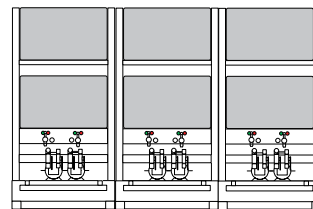
MODEL: 12 x 65 Gallon
SIZE: 138" (w) x 61" (d) x 88" (h)
PART # : 8A0C00
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



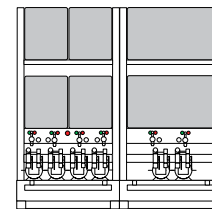
MODEL: 4 x 120
SIZE: 92" (w) x 61" (d) x 88" (h)
PART # : 8A0040
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



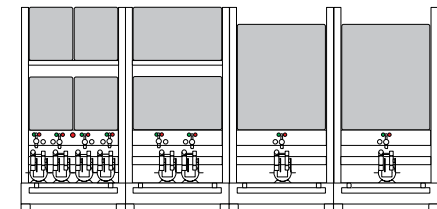
MODEL: 6 x 120 Gallon
SIZE: 138" (w) x 61" (d) x 88" (h)
PART # : 8A0060
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



MODEL: 4 x 65 & 2 x 120 Gallon
SIZE: 92" (w) x 61" (d) x 88" (h)
PART # : 8A0420
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



MODEL: 4 x 65 & 2 x 120 & 2 x 240 Gallon
SIZE: 184" (w) x 61" (d) x 88" (h)
PART # : 8A0422
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator

Highlights

The OIL SAFE Advanced Bulk System delivers best practice contamination control in a compact and space efficient form. Ideal for organizations that need the superior contamination control, working within budget and/or space constraints.

Features include:

- **Dedicated pump and filter per tank** – to prevent cross contamination of lubricants and ensure maximum cleanliness.
- **Spill Containment** – built in spill containment for EPA and SPCC compliance.

- **Flame Resistant Fire Suppression Hose Assemblies** – MSHA CFR30 rated.
- **12 Gauge Aluminized Tanks available in 4 sizes and 10 colors** – 30, 65, 120 & 240 Gallon.
- **Delivered pre-assembled** with detailed owner's manual including installation instructions.

Choose from one of 9 pre-configured systems or configure your own by determining the number and size of tanks that best suit your requirements.

ADVANCED BULK SYSTEM SPECIFICATIONS

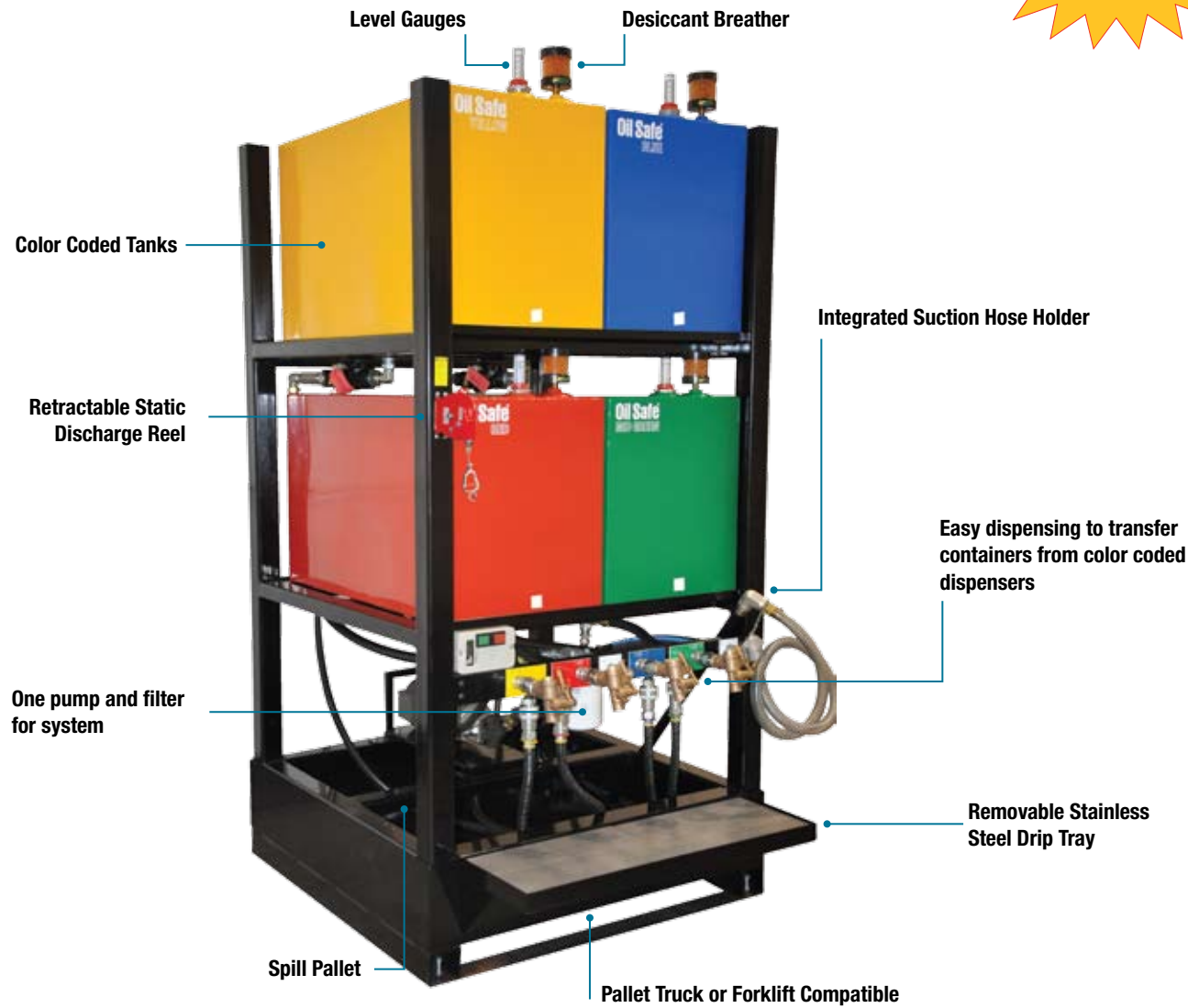
SPCC Spill Containment	Pre-assembled	Taps	Pumps/ Filter Set	3-Way Filtration	Electrical Protection	Dispensing Console	Dual Stage Filtration	High Viscosity Pumps	Fire Safety	Hose Reels
Yes	Yes	Pressurized	1 per Tank	Yes	No	No	No	Optional	Optional	No

BASIC BULK SYSTEMS



Models – Basic Systems

Select from the standard models below or contact your Fluid Defense representative for a custom system quote.



* Photographed System includes optional Fire Safety Upgrade.

Highlights

The OIL SAFE Basic System provides basic contamination control in the heavy duty space efficient OIL SAFE configuration. With one pump per system, this Basic unit is high on quality, but easy on the budget.

Features include:

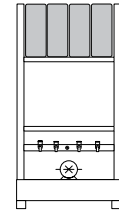
- **Gravity Fed** dispensing to manual taps (auto closing taps available on request).
- **Spill Containment** – built in spill containment for EPA and SPCC compliance.

- **Flame Resistant** Fire Suppression Hose Assemblies – MSHA CFR30 rated.
- **12 Gauge Aluminized Tanks available in 4 sizes and 10 colors** – 30, 65, 120 & 240 Gallon.
- **Delivered pre-assembled** with detailed owner's manual including installation instructions.

Choose from one of 9 pre-configured systems or configure your own by determining the number and size of tanks that best suit your requirements.

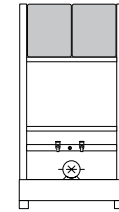
BASIC BULK SYSTEM SPECIFICATIONS

SPCC Spill Containment	Pre-assembled	Taps	Pumps/ Filter Set	3-Way Filtration	Electrical Protection	Dispensing Console	Dual Stage Filtration	High Viscosity Pump	Fire Safety	Hose Reels
Yes	Yes	Gravity	1 per System	No	No	No	No	Optional	No	No



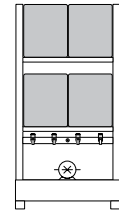
MODEL: 4 x 30 Gallon
SIZE: 46" (w) x 61" (d) x 88" (h)
PART # : 8G4000
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



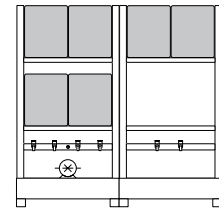
MODEL: 2 x 65 Gallon
SIZE: 46" (w) x 61" (d) x 88" (h)
PART # : 8G0200
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



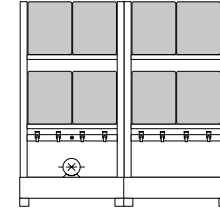
MODEL: 4 x 65
SIZE: 46" (w) x 61" (d) x 88" (h)
PART # : 8G0400
UPGRADE OPTIONS:

- Fire Upgrade:
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



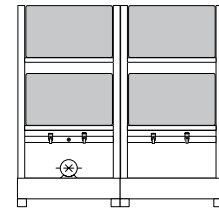
MODEL: 6 x 65 Gallon
SIZE: 92" (w) x 61" (d) x 88" (h)
PART # : 8G0600
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



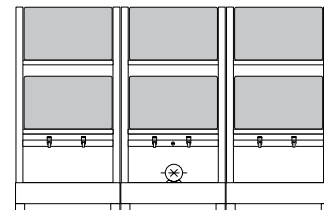
MODEL: 8 x 65 Gallon
SIZE: 92" (w) x 61" (d) x 88" (h)
PART # : 8G0800
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



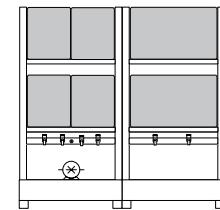
MODEL: 4 x 120 Gallon
SIZE: 92" (w) x 61" (d) x 88" (h)
PART # : 8G0040
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



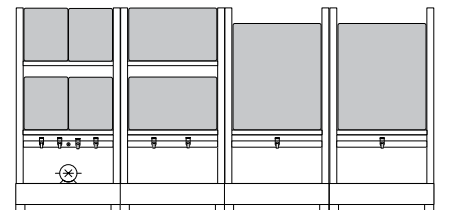
MODEL: 6 x 120 Gallon
SIZE: 138" (w) x 61" (d) x 88" (h)
PART # : 8G0060
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



MODEL: 4 x 65 & 2 x 120 Gallon
SIZE: 92" (w) x 61" (d) x 88" (h)
PART # : 8G0420
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator



MODEL: 4 x 65 & 2 x 120 & 2 x 240 Gallon
SIZE: 184" (w) x 61" (d) x 88" (h)
PART # : 8G0422
UPGRADE OPTIONS:

- Fire Upgrade
- High Viscosity Pump
- Custom ID Labeling
- Differential Pressure Indicator