



FILTRATION | FLUID MANAGEMENT | SOLUTIONS

**PRODUCT CATALOG**

# INTRODUCTION

## About

Y2K Filtration, a division of Dakota Fluid Power, Inc., is an original equipment manufacturer (OEM) based in Sioux Falls, South Dakota. (Previously Y2K Fluid Power). The company manufactures filtration products that are designed to help improve equipment reliability and extend lubricant life. Y2K Filtration was the FIRST to define closed loop filtration and the FIRST to develop safer and more effective oil handling practices. Its filtration solutions are marketed and sold through distribution, private label, and through other OEM partners. For more information, visit [www.y2kfiltration.com](http://www.y2kfiltration.com) or email [sales@y2kfiltration.com](mailto:sales@y2kfiltration.com)

## Markets We Serve

- Pulp and Paper, Forest Products
- Power Generation
- Surface, Underground, Precious Metals and Coal Mining
- Food Processing
- Injection Molding
- Oil, Gas and Petroleum Refining
- Chemical Processing
- Agriculture
- U.S. Government, Military
- Construction
- Railroad
- Industrial and Automotive
- Primary Metals
- Steel

## Contact Us

### Address:

Y2K Corporate Office  
3620 North Lewis Ave. Sioux Falls, SD 57104

### Phone/Fax:

P. 1-888-925-8882 | F. 1-605-332-0988

### Email:

[Sales@y2kfiltration.com](mailto:Sales@y2kfiltration.com)

### Website:

[www.y2kfiltration.com](http://www.y2kfiltration.com)



# TABLE OF CONTENTS

## HIGH PERFORMANCE SERIES

D Series Drum Filter Cart.....	4
D Series Filter Cart.....	5
D Series Tandem Filter Cart.....	6
D Series Platform Cart.....	7
D Series Filterpak.....	8
D Series T-3 Tote.....	9
D Series Panel Unit.....	10
D Series Drum Topper.....	11

## ECONOMY SERIES

M Series Drum Filter Cart.....	12
M Series Filter Cart.....	13
M Series Tandem Filter Cart.....	14
M Series Platform Cart.....	15
M Series Filterpak.....	16
M Series T-3 Tote.....	17
M Series Panel Unit.....	18
M Series Drum Topper.....	19
Ultralight Filterpak.....	20

## WATER REMOVAL PRODUCTS

Portable Filter Cart (FC) Series.....	21
GOLD Electric Motor (GEM) Series.....	22
GOLD Filter Cart (GFC) Series.....	23
GOLD High Pressure (GHP) Series.....	24
GOLD Low Pressure (GLP) Series.....	25
Vacuum Dehydration Systems.....	26-27
Membrane Unit.....	28

## FLUID MANAGEMENT SYSTEMS

Gravity Feed Dispensing Station.....	29
Power Dispensing Lube Management System.....	30
Modular Lube Panel Dispensing Station.....	31
Portable Lube Room.....	32-33

## FILTER ELEMENTS

D Series Spin-On Filter Elements.....	34
M Series Spin-On Filter Elements.....	35
Y Series Spin-On Filter Elements.....	36
Depth Filter Elements.....	37

## ADAPTER KITS

Drum Adapter.....	38
Gearbox Adapter.....	38
Hydraulic Adapter.....	38
Tote Adapter.....	38

## MAGNETIC FILTRATION

.....	39
-------	----

## OIL ANALYSIS

Fluid Patch Test Kit.....	40
Oil Analysis Package.....	41

## PARTS & ACCESSORIES

.....	42
-------	----

## MODEL CODE BUILDER

.....	43
-------	----

# D SERIES DRUM FILTER CART



## 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

## Standard Features

<b>Frame:</b>	Carbon steel; two hard rubber tires & two swivel casters
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Medium pressure, cast aluminum heads
<b>Pump:</b>	Heavy duty, cast steel gear pump. Available in 1, 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord Reel:</b>	40ft. retractable electric cord reel
<b>Filter Indicators:</b>	Slide bar indicators trigger at 50psid when elements need to be changed
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 175lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 23"L x 21"W x 59"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".



# D SERIES FILTER CART



## 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

## Standard Features

<b>Frame:</b>	Carbon steel with drip pan; flat free tires
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Medium pressure, cast aluminum heads
<b>Pump:</b>	Heavy duty, cast steel gear pump. Available in 1, 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord Reel:</b>	40ft. retractable electric cord reel
<b>Filter Indicators:</b>	Slide bar indicators trigger at 50psid when elements need to be changed
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 150lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 23"L x 22"W x 52"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".

# D SERIES TANDEM FILTER CART



## 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

## Standard Features

<b>Frame:</b>	Carbon steel w/ drip pan; flat free tires
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Medium pressure, cast aluminum heads
<b>Pump:</b>	Heavy duty, cast steel gear pump. Available in 1, 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord Reel:</b>	40ft. retractable electric cord reel
<b>Filter Indicators:</b>	Slide bar indicators trigger at 50psid when elements need to be changed
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 200lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 23"L x 22"W x 52"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".



# D SERIES PLATFORM CART

## Standard Features

<b>Frame:</b>	Carbon steel platform frame with drip pan and utility tray
<b>Paint:</b>	Multiple color options available
<b>Tanks:</b>	32, 71, 115 gallon poly tanks available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Medium pressure, cast aluminum heads
<b>Pump:</b>	Heavy duty, cast steel gear pump. Available in 1, 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord Reel:</b>	40ft. retractable electric cord reel
<b>Filter Indicators:</b>	Slide bar indicators trigger at 50psid when elements need to be changed
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 250lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 55"L x 24"W x 52"H

## Typical Applications

- Pre-filtering new oil
- Transferring oils
- Topping off reservoirs or containers
- Dispensing new oil
- Waste oil extraction

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".

## If You Have Questions

Please feel free to contact our sales team at [sales@y2kfiltration.com](mailto:sales@y2kfiltration.com) or 1-888-925-8882. We will be more than happy to help!



# D SERIES FILTERPAK

## Standard Features

<b>Frame:</b>	Heavy duty, diamond plated aluminum frame
<b>Motor:</b>	1/2 HP or 1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Medium pressure, cast aluminum heads
<b>Pump:</b>	Heavy duty, cast steel gear pump. Available in 1, 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	On/off toggle switch
<b>Cord:</b>	4ft. cord
<b>Filter Indicators:</b>	Slide bar indicators trigger at 50psid when elements need to be changed
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 50lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 8"L x 16"W x 16"H

## Typical Applications

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

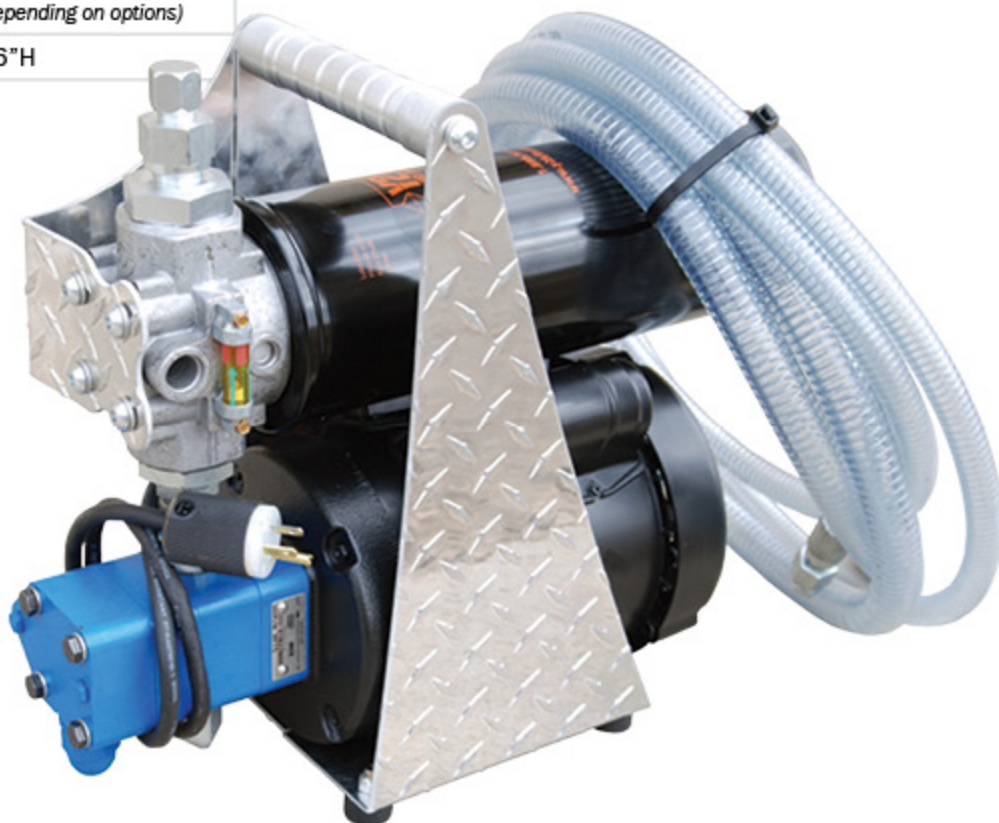
## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".

## Looking For Options?

Please refer to our model code builder on page 43 for complete customization on any of our Y2K Filtration products.





# D SERIES T-3 TOTE

## Typical Applications

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



## Standard Features

<b>Frame:</b>	Carbon steel, 30 gallon tank with 4 wheels
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Medium pressure, cast aluminum heads
<b>Pump:</b>	Heavy duty, cast steel gear pump. Available in 1, 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord Reel:</b>	40ft. retractable electric cord reel
<b>Breather:</b>	Desiccant Breather
<b>Filter Indicators:</b>	Slide bar indicators trigger at 50psid when elements need to be changed
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 125lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 30"L x 19"W x 35"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".

# D SERIES PANEL UNIT

## Typical Applications

- Filtering contaminated systems
- Collecting oil samples for analysis
- Dispensing new oil
- Permanent Installations

## Standard Features

<b>Frame:</b>	Carbon steel panel
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Medium pressure, cast aluminum heads
<b>Pump:</b>	Heavy duty, cast steel gear pump. Available in 1, 2, 5 and 10 GPM
<b>Power Switch:</b>	Sealed on/off power switch
<b>Filter Indicators:</b>	Slide bar indicators trigger at 50psid when elements need to be changed
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 75-80lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 24"L x 12"W x 29"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".



## Looking For Options?

Please refer to our model code builder on page 43 for complete customization on any of our Y2K Filtration products.



# D SERIES DRUM TOPPER

## Typical Applications

- Pre-filtering new oil
- Transferring oils
- Topping off reservoirs or containers
- Dispensing new oil



## Standard Features

<b>Frame:</b>	Heavy duty aluminum frame
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1/4HP, 1/2HP & 1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Medium pressure, cast aluminum heads
<b>Pump:</b>	Heavy duty, gear pump. Available in 1, 2 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	On/Off Toggle Switch
<b>Cord:</b>	4ft. cord
<b>Filter Indicators:</b>	Slide bar indicators trigger at 50psid when elements need to be changed
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 45 lbs (will vary depending on options)

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".

# M SERIES DRUM FILTER CART



## Typical Applications

- Pre-filtering new oil
- Transferring oils
- Topping off reservoirs
- Dispensing new oil

## Standard Features

<b>Frame:</b>	Carbon steel; two hard rubber tires & two swivel casters
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Aluminum heads
<b>Pump:</b>	Aluminum gear pump. Available in 2, 5 and 10 GPM.
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord:</b>	25ft. cord
<b>Filter Indicators:</b>	Pop up indicator triggers at 50 psid when elements need to be changed.
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 175 lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 23"L x 21"W x 59"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".



# M SERIES FILTER CART



## Typical Applications

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

## Standard Features

<b>Frame:</b>	Carbon steel with drip pan; flat free tires
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Aluminum heads
<b>Pump:</b>	Aluminum gear pump. Available in 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord:</b>	25ft. cord
<b>Filter Indicators:</b>	Pop up indicator triggers at 50 psid when elements need to be changed.
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 150 lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 23"L x 22"W x 52"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".

# M SERIES TANDEM FILTER CART



## 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

## Standard Features

<b>Frame:</b>	Carbon steel; flat free tires
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Aluminum heads
<b>Pump:</b>	Aluminum gear pump. Available in 2, 5 and 10 GPM.
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord:</b>	25ft. cord
<b>Filter Indicators:</b>	Pop up indicator triggers at 50 psid when elements need to be changed.
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 200 lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 23"L x 22"W x 52"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".



# M SERIES PLATFORM CART

## Standard Features

<b>Frame:</b>	Carbon steel platform frame with drip pan and utility tray
<b>Paint:</b>	Multiple color options available
<b>Tank(s):</b>	32, 71 and 115 gallon poly tanks available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Aluminum heads
<b>Pump:</b>	Aluminum gear pump. Available in 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord:</b>	25ft. cord
<b>Filter Indicators:</b>	Pop up indicator triggers at 50 psid when elements need to be changed.
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 150 lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 55"L x 24"W x 52"H

## Typical Applications

- Pre-filtering new oil
- Transferring oils
- Topping off reservoirs or containers
- Dispensing new oil

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".

## Looking For Options?

Please refer to our model code builder on page 43 for complete customization on any of our Y2K Filtration products.



# M SERIES FILTERPAK

## Typical Applications

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



## Standard Features

<b>Frame:</b>	Heavy duty, diamond plated aluminum frame
<b>Motor:</b>	1/2HP or 1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Aluminum heads
<b>Pump:</b>	Aluminum gear pump. Available in 2, 5 and 10 GPM.
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	On/off toggle switch
<b>Cord:</b>	4ft. cord
<b>Filter Indicators:</b>	Pop up indicator triggers at 50 psid when elements need to be changed.
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 50 lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 8"L x 16"W x 16"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".



# M SERIES T-3 TOTE

## Typical Applications

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



## Standard Features

<b>Frame:</b>	Carbon steel, 30 gallon tank with 4 wheels
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Aluminum heads
<b>Pump:</b>	Aluminum gear pump. Available in 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off power switch
<b>Cord:</b>	25ft. cord
<b>Breather:</b>	Desiccant breather
<b>Filter Indicators:</b>	Pop up indicator triggers at 50 psid when elements need to be changed.
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 125 lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 30"L x 19"W x 35"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".

# M SERIES PANEL UNIT

## Typical Applications

- Filtering contaminated systems
- Collecting oil samples for analysis
- Dispensing new oil



## Standard Features

<b>Frame:</b>	Carbon steel panel
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz or pneumatic
<b>Filter Heads:</b>	Aluminum heads
<b>Pump:</b>	Aluminum gear pump. Available in 2, 5 and 10 GPM.
<b>Power Switch:</b>	Sealed on/off power switch
<b>Filter Indicators:</b>	Pop up indicator triggers at 50 psid when elements need to be changed.
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 75-80lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 24"L x 12"W x 29"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".



# M SERIES DRUM TOPPER

## Typical Applications

- Pre-filtering new oil
- Transferring oils
- Topping off reservoirs or containers
- Dispensing new oil



## Standard Features

<b>Frame:</b>	Heavy duty aluminum frame
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1/4HP, 1/2HP & 1HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Aluminum heads
<b>Pump:</b>	Heavy duty gear pump. Available in 1, 2, 5 and 10 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	Sealed on/off toggle switch
<b>Filter Indicators:</b>	Pop up indicator triggers at 50 psid when elements need to be changed.
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 45 lbs (will vary depending on options)

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".

# ULTRALIGHT FILTERPAK

## Typical Applications

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



## Standard Features

<b>Frame:</b>	Heavy duty, diamond plated aluminum frame
<b>Motor:</b>	1/4HP, 115vac, 60Hz or Pneumatic
<b>Filter Heads:</b>	Aluminum heads
<b>Pump:</b>	Aluminum gear pump. Available in 1, 2 and 5 GPM.
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft, Clear PVC, steel reinforced hose or hydraulic hose
<b>Power Switch:</b>	On/off toggle switch
<b>Cord:</b>	4ft. cord
<b>Filter Indicators:</b>	Pop up indicator triggers at 50 psid when elements need to be changed.
<b>Pump Relief:</b>	Opens at 150psi
<b>Weight:</b>	Approx. 40 lbs (will vary depending on options)
<b>Dimensions:</b>	Approx. 24"L x 8"W x 15"H

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".



# PORTABLE FILTER CART (FC) SERIES

## Typical Applications

- Mining Operations
- Power Plants
- Paper Mills
- Metal Stamping
- Injection Molding
- Marine Vessels
- Government Satellite Operations
- Hay Compression
- Bulk Storage
- Lube Rooms

## Standard Features

<b>Frame:</b>	Heavy duty chrome plated steel frame
<b>Motor:</b>	115/230 volt, 1-phase TEFC 1725 RPM motor (Optional 3-phase RPM 1725, 208-230-460V motor on FC-200)
<b>Pump:</b>	Rotary gear, positive displacement pump 3.5 GPM Pump (FC-100) 5 GPM Pump (FC-200) (Optional 5GPM & 7 GPM pump available)
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	7ft. Clear PVC, steel reinforced hose or hydraulic hose
<b>Pressure Gauge:</b>	Pressure gauge to measure element loading
<b>Pressure Switch:</b>	Pressure switch with hi/low shut off for unattended use
<b>Wye Strainer:</b>	Inlet wye strainer to protect pump
<b>Flow Loop:</b>	Flow regulated loop to adjust flow of high viscosity oils through filter.
<b>Fluid Transfer:</b>	Fluid transfer feature with or without filtering

**NOTE: Be sure to ask us about varnish removal!**

## Replacement Elements

Part Number	BETA Rating	Description
GH134	β <sub>3(c)</sub> =1000	Gold Hydraulic Oil
GH134V	β <sub>3(c)</sub> =1000	Gold Hydraulic Oil Viton Option
GG148	β <sub>3(c)</sub> =1000	Gold Gear Oil 8 Section Element
GG166	β <sub>3(c)</sub> =1000	Gold Gear Oil 6 Segment
GH122	β <sub>3(c)</sub> =1000	Light Hydraulic Fluid
GH166	β <sub>3(c)</sub> =1000	Glycol Based Fluids

Elements measure 7.5 in Diameter and 19.25 in. Height





# GOLD ELECTRIC MOTOR (GEM) SERIES

## Typical Applications

- Mining Operations
- Power Plants
- Paper Mills
- Metal Stamping
- Injection Molding
- Marine Vessels
- Government Satellite Operations
- Hay Compression
- Bulk Storage

## Benefits

- Filters down to 1 micron, several grades cleaner than new oil
- Moisture removal down to 100ppm
- Lower ISO codes
- Heater option allows for viscosities up to 1000 cSt
- Sample port for easily drawn oil samples
- Depth-style filtration for maximum dirt holding capacity and efficiency
- Reduces Contamination Failure in Hydraulic Systems, Transmission Fluids, Gear Boxes, Stationary Engines, Lube Rooms, Machining Oils, Turbine Oils and Engine Oils

**Option:** Laser Particle Counter option so you can always know your oil condition in real time



## Standard Features

<b>Series Models:</b>	GEM 100, GEM 200, GEM 300 & GEM 400
<b>Frame:</b>	Fork lift pockets or floor mount
<b>Motor:</b>	GEM 100, 200, 300: 1HP, 115vac, 60Hz GEM 400: 1.5HP, 115vac, 60Hz *Other motor options available
<b>Flow Rate:</b>	GEM 100: 2.5 gpm GEM 200: 5 gpm GEM 300: 7.5 gpm GEM 400: 10 gpm
<b>Filter Housings:</b>	GEM 100: 1 GEM 200: 2 GEM 300: 3 GEM 400: 4
<b>Reservoir Capacity:</b>	GEM 100: up to 1,000 gallons GEM 200: up to 2,000 gallons GEM 300: up to 3,000 gallons GEM 400: up to 4,000 gallons
<b>Dirt Holding Capacity:</b>	GEM 100: 5lbs GEM 200: 10 lbs GEM 300: 15 lbs GEM 400: 20 lbs
<b>Water Holding Capacity:</b>	GEM 100: 1 gallon GEM 200: 2 gallons GEM 300: 3 gallons GEM 400: 4 gallons
<b>Housing Oil Capacity:</b>	GEM 100: 20 quarts GEM 200: 40 quarts GEM 300: 60 quarts GEM 400: 80 quarts

**NOTE:** Be sure to ask us about varnish removal!

## Replacement Elements

Part Number	BETA Rating	Description
GH134	β3(c)=1000	Gold Hydraulic Oil
GH134V	β3(c)=1000	Gold Hydraulic Oil Viton Option
GG148	β3(c)=1000	Gold Gear Oil 8 Section Element
GG166	β3(c)=1000	Gold Gear Oil 6 Segment
GH122	β3(c)=1000	Light Hydraulic Fluid
GH166	β3(c)=1000	Glycol Based Fluids

Elements measure 7.5 in Diameter and 19.25 in. Height



# GOLD FILTER CART (GFC) SERIES

## Typical Applications

- Mining Operations
- Power Plants
- Paper Mills
- Metal Stamping
- Injection Molding
- Service Trucks
- Marine Vessels
- Government Satellite Operations
- Hay Compression
- Bulk Storage
- Lube Rooms
- Construction

## Benefits

- Filters down to 1 micron, several grades cleaner than new oil
- Moisture removal down to 100ppm
- Lower ISO codes
- Heavy duty wheels for easy mobility
- Sample port for easily drawn oil samples
- Depth-style filtration for maximum dirt holding capacity and efficiency
- Reduces Contamination Failure in Hydraulic Systems, Transmission Fluids, Mobile Hydraulic Systems and Stationary Hydraulic Systems

**Option:** Laser Particle Counter option so you can always know your oil condition in real time



## Standard Features

<b>Series Models:</b>	GFC 100, GFC 200, GFC 300 & GFC 400
<b>Frame:</b>	Caster wheels, mobile cart
<b>Motor:</b>	GFC 100, 200, 300: 1HP, 115vac, 60Hz GFC 400: 1.5HP, 115vac, 60Hz *Other motor options available
<b>Flow Rate:</b>	GFC 100: 2.5 gpm GFC 200: 5 gpm GFC 300: 7.5 gpm GFC 400: 10 gpm
<b>Filter Housings:</b>	GFC 100: 1 GFC 200: 2 GFC 300: 3 GFC 400: 4
<b>Dirt Holding Capacity:</b>	GFC 100: 5lbs GFC 200: 10 lbs GFC 300: 15 lbs GFC 400: 20 lbs
<b>Water Holding Capacity:</b>	GFC 100: 1 gallon GFC 200: 2 gallons GFC 300: 3 gallons GFC 400: 4 gallons
<b>Housing Oil Capacity:</b>	GFC 100: 20 quarts GFC 200: 40 quarts GFC 300: 60 quarts GFC 400: 80 quarts

**NOTE:** Be sure to ask us about varnish removal!

## Replacement Elements

Part Number	BETA Rating	Description
GH134	β3(c)=1000	Gold Hydraulic Oil
GH134V	β3(c)=1000	Gold Hydraulic Oil Viton Option
GG148	β3(c)=1000	Gold Gear Oil 8 Section Element
GG166	β3(c)=1000	Gold Gear Oil 6 Segment
GH122	β3(c)=1000	Light Hydraulic Fluid
GH166	β3(c)=1000	Glycol Based Fluids

Elements measure 7.5 in Diameter and 19.25 in. Height



# GOLD HIGH PRESSURE (GHP) SERIES

## Typical Applications

- Mining Operations
- Power Plants
- Paper Mills
- Metal Stamping
- Injection Molding
- Marine Vessels
- Government Satellite Operations
- Hay Compression
- Construction
- Forestry
- Port Equipment

## Benefits

- Filters down to 1 micron, several grades cleaner than new oil
- Moisture removal down to 100ppm
- Lower ISO codes
- Heater option allows for viscosities up to 1000 cSt
- Sample port for easily drawn oil samples
- Depth-style filtration for maximum dirt holding capacity and efficiency
- Reduces Contamination Failure in Hydraulic Systems, Transmission Fluids, Mobile Hydraulic Systems and Stationary Hydraulic Systems



## Standard Features

<b>Series Models:</b>	GHP 25, GHP 50, GHP 100, GHP 200, GHP 300 & GHP 400	
<b>Frame:</b>	Housing and 4 bolt mounting brackets	
<b>Flow Rate:</b>	GHP 25: 0.75 gpm GHP 50: 1.25 gpm GHP 100: 2.5 gpm	GHP 200: 5 gpm GHP 300: 7.5 gpm GHP 400: 10 gpm
<b>Filter Housings:</b>	GHP 25, 50 & 100: 1 GHP 200: 2	GHP 300: 3 GHP 400: 4
<b>Dirt Holding Capacity:</b>	GHP 25: 1.25 lbs GHP 50: 2.5 lbs GHP 100: 5 lbs	GHP 200: 10 lbs GHP 300: 15 lbs GHP 400: 20 lbs
<b>Water Holding Capacity:</b>	GHP 25: 0.25 gal GHP 50: 0.5 gal GHP 100: 1 gal	GHP 200: 2 gals GHP 300: 3 gals GHP 400: 4 gals
<b>Housing Oil Capacity:</b>	GHP 25: 5 quarts GHP 50: 10 quarts GHP 100: 20 quarts	GHP 200: 40 quarts GHP 300: 60 quarts GHP 400: 80 quarts
<b>Min./Max. Pressure at Flow Control Valve:</b>	**200 - 3,000/5,000 PSI ***Every industrial application and environment is different. Units are sized for a 15% turn of a hydraulic reservoir every hour. For higher ingestion rates and excessive moisture removal or for engine oil or gear oil applications please speak with our application engineer to determine the right size unit for your application. Critical components might also require up sizing for optimally targeted ISO code results.	

**NOTE: Be sure to ask us about varnish removal!**

## Replacement Elements

Part Number	BETA Rating	Description
GH222	β3(c)=1000	Gold Hydraulic Oil 25 Series
GH532	β3(c)=1000	Gold Hydraulic Oil 50 Series
GG544	β3(c)=1000	Gold Gear Oil 50 Series
GH584	β3(c)=1000	Glycol Based Fluids 50 Series
GH134	β3(c)=1000	Gold Hydraulic Oil 100 Series
GH134V	β3(c)=1000	Gold Hydraulic Oil Viton Option 100 Series
GG148	β3(c)=1000	Gold Gear Oil 8 Section Element 100 Series
GG166	β3(c)=1000	Gold Gear Oil 6 Segment 100 Series
GH122	β3(c)=1000	Light Hydraulic Fluid 100 Series
GH166	β3(c)=1000	Glycol Based Fluids 100 Series

25 Series Elements measure 5.5 in Diameter and 8.5 in. Height  
 50 Series Elements measure 7.5 in Diameter and 9.75 in. Height  
 100 Series Elements measure 7.5 in Diameter and 19.25 in. Height



# GOLD LOW PRESSURE (GLP) SERIES

## Typical Applications

- Mining Operations
- Off-Highway Equipment
- Power Generations
- Marine Vessels
- Gear Boxes
- Port Equipment
- Construction
- Forestry

## Benefits

- Filters down to 1 micron, several grades cleaner than new oil
- Moisture removal down to 100ppm
- Lower ISO codes
- Dramatically extends oil life and rebuild cycles
- Media flow path 30-50 times longer than full flow, in-line filter elements
- Extends total base number (TBN) life
- Sample port for easily drawn oil samples
- Depth-style filtration for maximum dirt holding capacity and efficiency
- Reduces Contamination Failure in Hydraulic Systems, Transmission Fluids, Mobile Hydraulic Systems and Stationary Hydraulic Systems

## Standard Features

<b>Series Models:</b>	GLP 25, GLP 50, GLP 100
<b>Frame:</b>	Housing and 4 bolt mounting brackets
<b>Filter Housings:</b>	1 housing
<b>Dirt Holding Capacity:</b>	GLP 25: 1.25 lbs GLP 50: 2.5 lbs GLP 100: 5 lbs
<b>Water Holding Capacity:</b>	GLP 25: 0.25 gallon GLP 50: 0.5 gallon GLP 100: 1 gallon
<b>Housing Oil Capacity:</b>	GLP 25: 5 quarts GLP 50: 10 quarts GLP 100: 20 quarts
<b>Reservoir Capacity:</b>	GLP 25: 15 gallons GLP 50: 30 gallons GLP 100: 60 gallons

**NOTE: Be sure to ask us about varnish removal!**

## Replacement Elements

Part Number	BETA Rating	Description
GH222	β3(c)=1000	Gold Hydraulic Oil 25 Series
GH532	β3(c)=1000	Gold Hydraulic Oil 50 Series
GG544	β3(c)=1000	Gold Gear Oil 50 Series
GH584	β3(c)=1000	Glycol Based Fluids 50 Series
GH134	β3(c)=1000	Gold Hydraulic Oil 100 Series
GH134V	β3(c)=1000	Gold Hydraulic Oil Viton Option 100 Series
GG148	β3(c)=1000	Gold Gear Oil 8 Section Element 100 Series
GG166	β3(c)=1000	Gold Gear Oil 6 Segment 100 Series
GH122	β3(c)=1000	Light Hydraulic Fluid 100 Series
GH166	β3(c)=1000	Glycol Based Fluids 100 Series

25 Series Elements measure 5.5 in Diameter and 8.5 in. Height  
50 Series Elements measure 7.5 in Diameter and 9.75 in. Height  
100 Series Elements measure 7.5 in Diameter and 19.25 in. Height



# VACUUM DEHYDRATION SYSTEMS





# VACUUM DEHYDRATION SYSTEMS

## Standard Features

<b>Process:</b>	Vacuum Dehydration
<b>Chamber:</b>	Pall Dispersion Rings; never have to get in chamber to change filter elements
<b>Chamber Vacuum:</b>	Adjustable; Ideal range is 22-27" Hg
<b>Fluid Temperature:</b>	Factory is set at 145° F and is adjustable up to 165° F
<b>Filtration:</b>	1 ea - 6x18 Filter Element
<b>Seal Material(s):</b>	Buna N, Viton, EDPM or EPR
<b>Max Fluid Viscosity:</b>	ISO 680 or 4250 SUS
<b>Continuous Heater Flow:</b>	Minimum 2-5 GPM continuous flow through heater to prevent oil coking
<b>Console Remote Alarm:</b>	250 V, 10 AMP dry contact rating
<b>Wheel Configuration:</b>	Caster wheels, pneumatic tires, fork lift pockets or floor mount
<b>Water Removal Rate:</b>	The removal rate of water will vary depending on fluid properties and application parameters
<b>Moisture Content Monitor:</b>	Measures in % and will shut down when it reads 0%
<b>Operator Interface Panel Features:</b>	One button on/off Auto Shut down if operating parameters move outside of limits Panel displays all conditions; including causes and remedies Help Screen

- **Various Flow Rates Available upon request.**
- **Explosion proof options available**
- **Custom Options Available**
- **Rental options available.**
- **Call 888-925-8882 to inquire on any of these options.**

## Typical Applications

- Filtering Pulp and Paper lube systems
- Filtering steam turbine lube systems
- Filtering hydraulic reservoirs
- Filtering rolling mill lube tanks
- And many other industrial applications containing oil

## Typical Industries

- Power Generation
- Mining
- Pulp and Paper
- Steel
- Automotive Manufacturing

## Technical Specifications

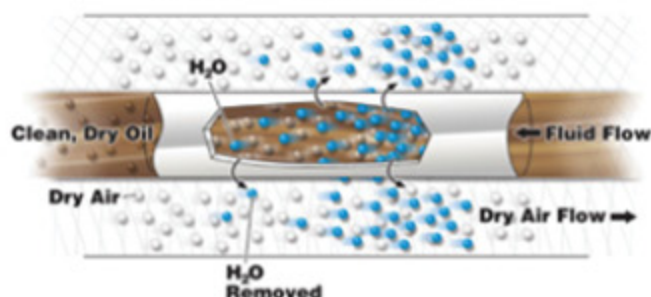
<b>Flow Rate:</b>	5 GPM or 15 GPM *Other flow options available
<b>Vacuum Pump Flow Rate:</b>	13 CFM
<b>Heater Capacity:</b>	3 KW @ 15wsi (FD-5) 18 KW @ 15wsi (FD-15)
<b>Motors:</b>	Electric, 480 VAC, 3 Phase *Other voltages available including explosion proof.
<b>Plumbing:</b>	Inlet: 1-1/2" FNPT Outlet: 1-1/2" FNPT *Unit comes with (2) 1-1/2" 10ft. hoses with cam and groove connections.
<b>Approximate Dry Weight:</b>	950 lbs (FD-5) (Unit weight only) * 1300 lbs (FD-15) (Unit weight only) *
<b>Dimensions:</b>	44.5"L x 30.5"W x 68"H (FD-5) (unit dimensions only) * 54"L x 31"W x 78"H (FD-15) (Unit dimensions only) *

\* All Vacuum Dehydrators are crated in a 71 in. x 44 in. x 93 in. crate. Additional weight & total shipping weight will be provided prior to shipping.

# PORTABLE MEMBRANE DEHYDRATION SYSTEM



## Membrane Dryer Technology



## Standard Features

<b>Frame:</b>	Carbon steel with drip tray; no flat tires
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1HP, 115vac, 60Hz
<b>Filter Heads:</b>	Dual stage, medium pressure, steel heads
<b>Pump:</b>	Heavy duty, steel gear pump. Available in 2 and 5 GPM
<b>Connections:</b>	Various quick connect options available
<b>Hoses:</b>	2 ea., 7ft Clear PVC, steel reinforced suction and discharge hoses
<b>Power Switch:</b>	Sealed on/off power switch
<b>Membrane Dryer:</b>	Patented membrane dryer with hollow fiber membranes
<b>Coalescing Pre Filter:</b>	Reduces particulates and oil from plant air
<b>Air Dryer:</b>	Dries Incoming plant air to -40 degrees or lower dew point
<b>Filter Indicators:</b>	Slide bar indicators trigger at 50 psid when elements need to be changed
<b>Pump Relief:</b>	Opens at 150 PSI
<b>Options:</b>	Additional options available.
<b>Weight:</b>	Approx. 170 lbs (will vary depending on options)
<b>Dimensions:</b>	23"L x 23"W x 52"H

\*Membrane system requires compressed air, Requirement of a minimum of 2.5 SCFM at 100 PSIG continuous duty.

## Replacement Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".



# GRAVITY FEED DISPENSING STATION



## Typical Applications

- Hydraulic Tanks
- Topping off tanks w/ pre-filtered fluids
- Lubricant storage & handling
- Dirty environments
- Lube systems & gearboxes

## Benefits

- The modular design is both expandable and flexible.
- Compact, stackable profile to save on space and time.
- Angled tanks for true gravity feed.
- Fits up to 10 liter jugs.
- Ensure no cross contamination with colored, labeled tanks.

## Standard Features

<b>Tank(s):</b>	30 gallon, modular steel tank with drip pan and drain *Multiple tank sizes and configurations available Stainless steel and poly options available.
<b>Frame:</b>	Steel stand
<b>Paint:</b>	Multiple color options available
<b>Level Indicator:</b>	Full length tank level indicator
<b>Faucet Valve:</b>	Spring driven faucet valve for mess free dispensing
<b>Breather:</b>	Includes desiccant breather kit *Other breather options available.
<b>Connections:</b>	ISO quick disconnects *Other connection options available
<b>Options:</b>	Optional ID plate for fluid labeling

- Use your existing filter cart or filtration system to fill with pre-filtered fluids.
- Custom options and additional features available upon request.

# POWER DISPENSING LUBE MANAGEMENT SYSTEM

## Typical Applications

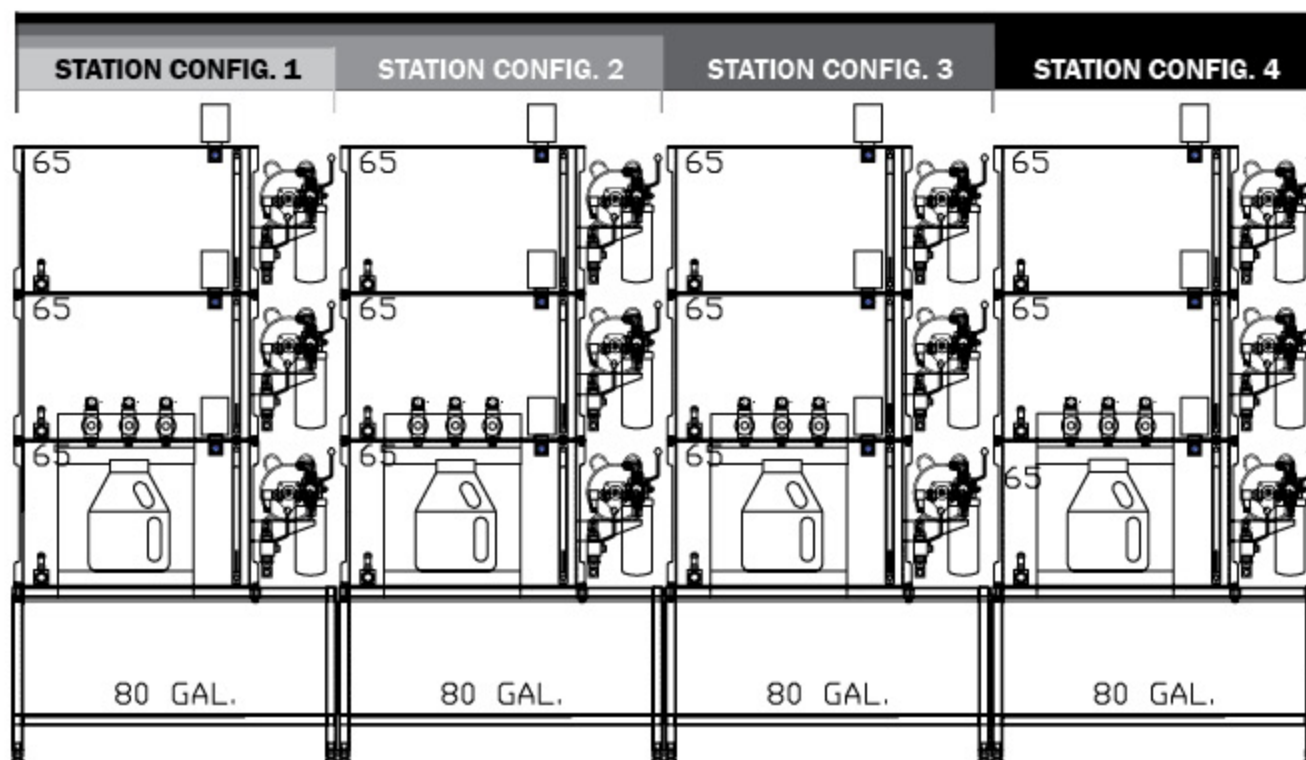
- Automotive Shops
- Steel Mills
- Industrial Plants
- Service & Repair Shops
- Implements

## Benefits

- Power, recirculate, dispense and fill onboard tanks and external tanks.
- The modular design is both expandable and flexible.
- Compact, stackable profile to save on space and time.
- Able to stack up to 3 tanks high.
- Stand is built for average person height for easy use.
- Each tank stack self contained.
- Large capacity drip pan holds up to 80 gallons.
- Power dispense by tank.
- Quickly fill jugs with filtered fluids
- Fits up to 10 liter jugs.

## Standard Features

<b>Tank(s):</b>	65 gallon, modular poly tank with 80 gallon capacity drip pan *Multiple tank sizes and configurations available.
<b>Frame:</b>	Steel frame support, bolt together design
<b>Paint:</b>	Multiple color options available
<b>Motor:</b>	1/4 HP, 1/2 HP, 1 HP or 1.5HP motors available.
<b>Filter:</b>	Single, D or M Series Filter Element option available.
<b>Level Indicator:</b>	Full length tank level indicator
<b>Breather:</b>	Includes desiccant breather kit on each tank *Other breather options available.
<b>Connections:</b>	Various quick connect options available.



Custom options and additional features available upon request.



# MODULAR LUBE PANEL DISPENSING STATION

## Typical Applications

- Automotive Shops
- Steel Mills
- Industrial Plants
- Service & Repair Shops
- Implements

## Benefits

- Single station straight from the drum (single pass, beta 2000) (D & M Series, single pass, beta 1000 also available)
- Able to do up to 15 standard stations.
- Unit is wall or table mountable.
- All electrical into one panel and one plug or pneumatic single point power connection.
- Smart system locks out other dispensers while one is in use.
- Each station is self-contained.
- Simple one push button design which enables dispense on demand.
- Ships in easy-to-assemble bundles of three with easy wiring instructions and assembly, which saves time and money.

## Standard Features

<b>Frame:</b>	Carbon steel panel with drip pan (Can connect up to 15 stations)
<b>Paint:</b>	Multiple color options available
<b>Electrical Control Panel:</b>	1 control panel per configuration or pneumatic single point power connection.
<b>Motor:</b>	1/4 HP, 1/2 HP, 1 HP or 1.5HP motors available. Multiple electric, air and voltage options available.
<b>Pump:</b>	Heavy duty, 1, 2, 5, 10 & 20 GPM pump options available.
<b>Filter:</b>	Single, D or M Series Filter Element option available.
<b>Hose(s):</b>	1 per station, 7ft Clear PVC, steel reinforced suction hose dispensing from element on tap.
<b>Connections:</b>	Various quick connect options available.
<b>Option(s):</b>	Drum Adapter Kit



## If You Have Questions...

Please feel free to contact our sales team at [sales@y2kfiltration.com](mailto:sales@y2kfiltration.com) or 1-888-925-8882. We will be more than happy to help!

**Custom options and additional features available upon request.**



# PORTABLE LUBE ROOM

## The Issue

For many organizations, converting an average lubrication program into a great one begins with lubricant storage and handling. Aside from ensuring that new lubricants are housed appropriately, upgrading your lubricant storage practices positively affects how oils and grease are handled. While changing the way maintenance is performed.

Most lubricants are not stored in ambient-controlled conditions: temperature swings allow moisture, foreign material and other contaminants to enter the storage containers, resulting in reduced lube life and effectiveness. The end result: shortened equipment life and even failures.

Properly storing lubricants and lube equipment can greatly extend their life and effectiveness. However, finding an area in a plant that is isolated, free of contamination and controlled (temperature and humidity) can be extremely difficult. If such a project is undertaken, it is either cost or space prohibitive.



## The Solution

Portable Lube Rooms offer a mobile lube storage room delivered to your plant. First, customize your lube room by selecting from options such as color, container size (40' x 8' x 8', or 20' x 8' x 8'), pumps, filters, access, lighting, cabinets, filters, drip pans, fire suppression, etc. Then, select a space in your plant, inside or out, supply the power, and presto, you have a state-of-the-art lube storage room. The rooms are insulated; climate-controlled, heated, air conditioned and even de-humidified which may be required in certain geographic areas.

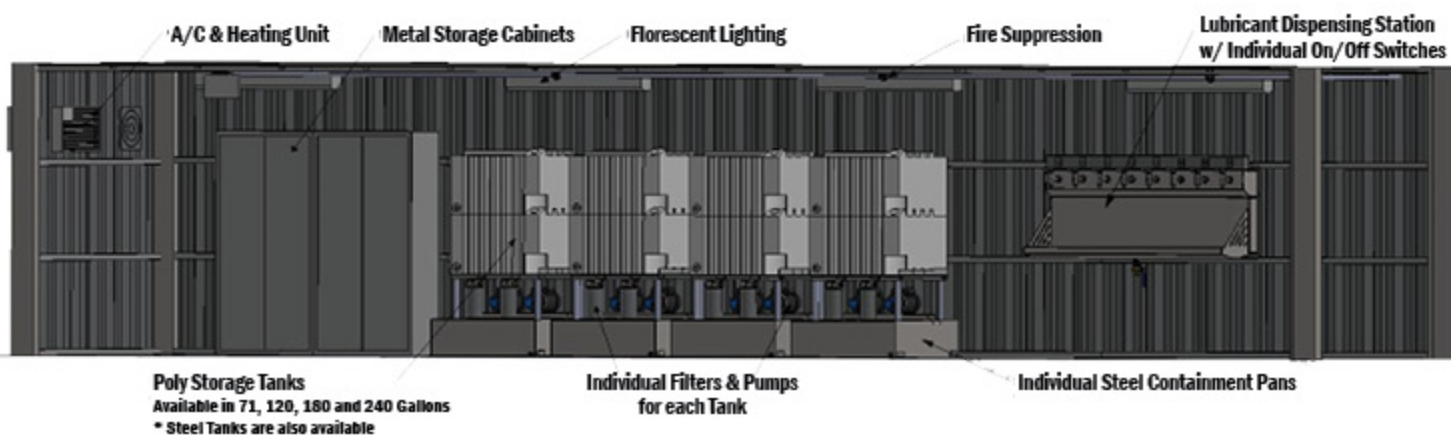
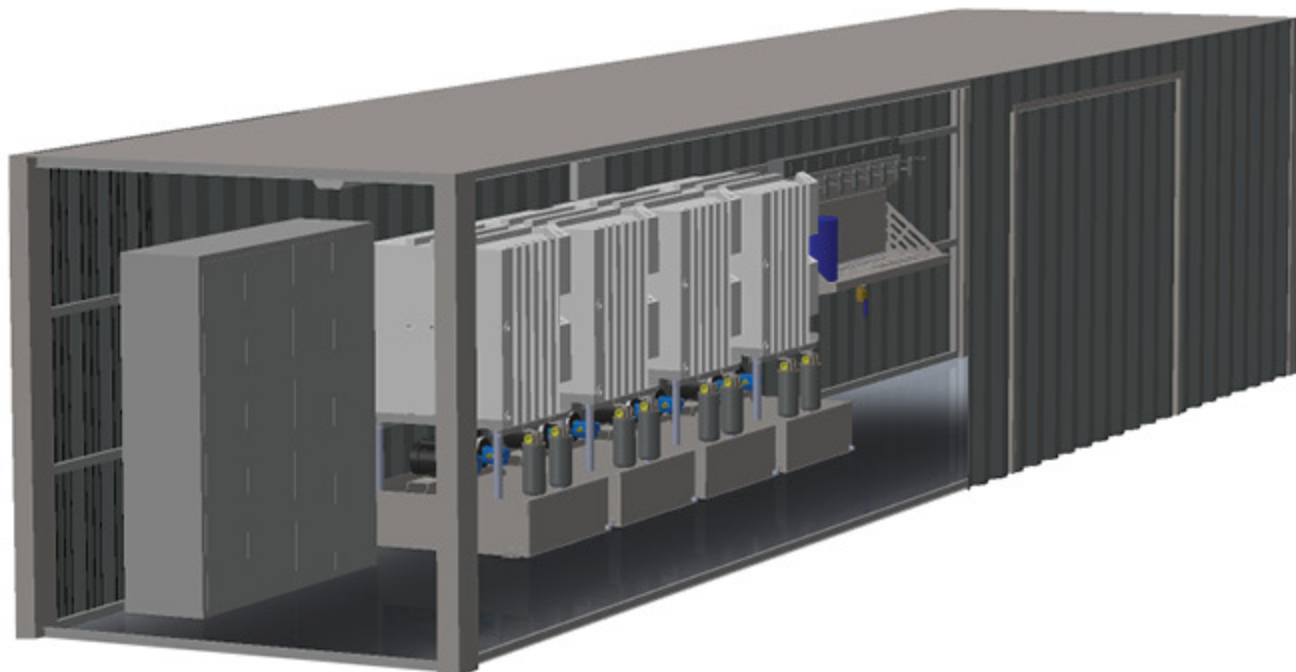




# PORTABLE LUBE ROOM

## Where to Begin

Getting started is simple and easy. Simply provide us with a list of your requirements and which products that you'd like to have included in your Lube Room and we'll do the rest. Whether its drum or bulk storage dispensing, Y2K has the ability to design the best solution to fit your requirements.



# D SERIES SPIN-ON FILTER ELEMENT



## About

When your system demands the ultimate in fluid cleanliness, our D Series Spin-On Filter Elements are an important line of defense in maintaining fluid quality. These single-pass filter elements can help you save on costly component replacement and minimize equipment downtime. They are available in various micron and water removal sizes to fit your needs.

## Benefits

- Proprietary filter media design ensures superior dirt retention over other elements
- Internal O-ring gasket eliminates leakage
- Viton seals offer the widest chemical compatibility

## Standard Features

<b>Max. Working Pressure</b>	350 PSI
<b>Burst Pressure:</b>	800 PSI
<b>Thread Size:</b>	1-3/4" - 12
<b>Operating Temperature:</b>	-40°F to 190°F
<b>Compatibility:</b>	Compatible with all of the D Series filtration products.

## Filter Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1066	β4(c)=2000	14/12/9 - 13/11/8
P1065	β7(c)=2000	18/16/13 - 15/13/10
P1063	β10(c)=1000	19/17/14 - 18/16/13
P1064	β25(c)=2000	20/18/15 - 19/17/14
P1048WR	Water Removal	

All D Series elements measure 5" x 14".



# M SERIES SPIN-ON FILTER ELEMENT



## About

Our M-Series Spin-On Filter Elements are an important line of defense in maintaining fluid quality. These filter elements have a wide range of chemical compatibility, which allows them to be used in most of your industrial applications. They are available in multiple micron and water removal sizes to accommodate your needs.

## Benefits

- Synthetic micro fiber media offers a wide range of chemical compatibility
- Minimal pressure drop across a wide range of viscosities
- Universal connection makes it easily adaptable and equivalent to many OEM filters

## Standard Features

<b>Max. Working Pressure</b>	174 PSI
<b>Thread Size:</b>	1-1/2" - 16UN
<b>Operating Temperature:</b>	-25°F to 230°F
<b>Compatibility:</b>	Compatible with all of the M Series filtration products.

## Filter Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P1068	β3(c)=1000	14/12/9 - 13/11/8
P1069	β6(c)=1000	17/15/12 - 14/12/9
P1070	β10(c)=1000	18/16/13 - 17/15/12
P1071	β25(c)=1000	21/19/16 - 20/18/15
P1072WR	Water Removal	

All M Series elements measure 5" x 10".

# Y SERIES SPIN-ON FILTER ELEMENT



## About

Our Y-Series Spin-On Filter Elements are an economical and cost effective spin-on element. Available in a wide range of micron and water removal ratings, these filter elements will fit most of your needs. They also offer a wide range of chemical and thermal compatibility, making them ideal for most industrial applications.

## Benefits

- Synthetic micro glass media offers a wide range of chemical compatibility
- Variety of filtration efficiencies to meet your system requirements
- Compact size, makes these an economical spin-on option

## Standard Features

<b>Max. Working Pressure</b>	250 PSI
<b>Thread Size:</b>	1-1/2" - 16UN
<b>Compatibility:</b>	Compatible with mineral and most synthetic oils. Compatible with the Drum Topper and other filtration products


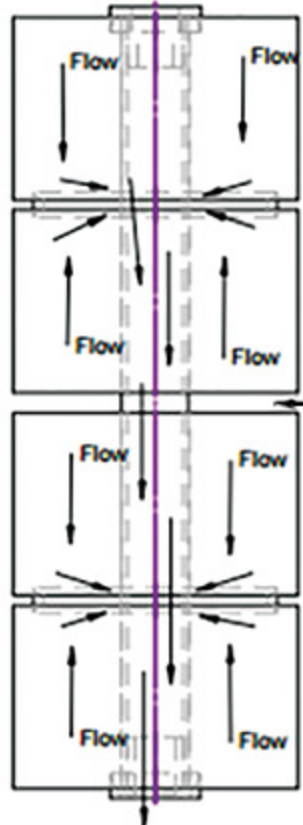


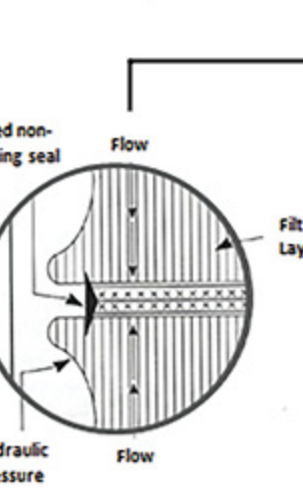
## Filter Elements

Part Number	BETA Rating	Desired Cleanliness Level (ISO Code)
P10071	£3(c)=1000	14/12/9 - 13/11/8
P1007	£5(c)=1000	15/13/10 - 14/12/9
P1011	£7(c)=1000	17/15/12 - 15/13/10
P1024	£12(c)=1000	19/17/14 - 17/15/12
P1010	£22(c)=1000	21/19/16 - 19/17/14
P1008L	Water Removal	
P1008	Water Removal	





All Y Series elements measure 3" x 8" except the P1008, it measures 3" x 4".



# DEPTH FILTER ELEMENTS

Depth Filter Element	Part #	Standard Features	Notes	
25 Series Depth Filter Element				
	<ul style="list-style-type: none"><li>GH222</li></ul>	<ul style="list-style-type: none"><li>Beta Rating: <math>\beta_{&lt;3(c)} = 1000</math> (per ISO 16889)</li><li>Water Removal: Up to 0.25 gallon</li><li>Dirt Removal: Up to 1.25 lbs</li><li>Dimensions: 5.5 in Diameter x 8.5 in Height</li><li>Works with GHP25, GLP 25 &amp; GEM 25 Small Can</li></ul>		
50 Series Depth Filter Element				
	<ul style="list-style-type: none"><li>GH532 (Gold Hydraulic Oil)</li><li>GG544 (Gold Gear Oil)</li><li>GH584 (Glycol Based Fluids)</li></ul>	<ul style="list-style-type: none"><li>Beta Rating: <math>\beta_{&lt;3(c)} = 1000</math> (per ISO 16889)</li><li>Water Removal: Up to 0.5 gallon</li><li>Dirt Removal: Up to 2.5 lbs</li><li>Dimensions: 7.5 in Diameter x 9.75 in Height</li><li>Works with GHP 50, GLP50 &amp; GEM 50</li></ul>		
100 Series Depth Filter Element				
	<ul style="list-style-type: none"><li>GH134(Gold Hydraulic Oil)</li><li>GH134V (Viton Option)</li><li>GG148 (Gold Gear Oil 8 Section Element)</li><li>GG166 (Gold Gear Oil 6 Segment)</li><li>GH122 (Light Hydraulic Fluid)</li><li>GH166 (Glycol Based Fluids)</li></ul>	<ul style="list-style-type: none"><li>Beta Rating: <math>\beta_{&lt;3(c)} = 1000</math> (per ISO 16889)</li><li>Water Removal: Up to 1 gallon</li><li>Dirt Removal: Up to 5 lbs</li><li>Dimensions: 7.5 in Diameter x 19.25 in Height</li><li>Works with GHP 100, 200, 300 &amp; 400, GLP 100, GEM 100, 200, 300 &amp; 400.</li></ul>	 <p>Patented non-channeling seal</p> <p>Flow</p> <p>Filter Element Layers</p> <p>Hydraulic Pressure</p> <p>Flow</p>	

# ADAPTER KITS

Adapter Kits	Standard Features	Notes
<b>Drum Adapter Kit</b> 	<ul style="list-style-type: none"> <li>• Various quick disconnects with steel dust plugs allow for various configurations</li> <li>• 2" NPT connection easily replaces standard drum bungs</li> <li>• Replaceable desiccant breather</li> </ul>	<ul style="list-style-type: none"> <li>• DB-1004-1 (Includes Both)</li> <li>• DB-1004-2 (Includes Suction Out Only)</li> <li>• Tube Lengths available in various sizes.</li> </ul>
<b>Gearbox Adapter Kit</b> 	<ul style="list-style-type: none"> <li>• Various quick disconnects with steel dust plugs</li> <li>• Adapter with 3/4" NPT connection easily adapts to most gearboxes</li> <li>• Replaceable desiccant breather</li> <li>• Customizable to fit your specific needs</li> </ul>	
<b>Hydraulic Adapter Kit</b> 	<ul style="list-style-type: none"> <li>• Various quick disconnects with steel dust plugs</li> <li>• 6 bolt adapter fits most OEM connections</li> <li>• Replaceable desiccant breather</li> <li>• Customizable to fit your specific needs</li> </ul>	
<b>Tote Adapter Kit</b> 	<ul style="list-style-type: none"> <li>• Various quick disconnects with steel dust plugs</li> <li>• 2" NPT connection easily connects to most poly totes</li> <li>• Replaceable desiccant breather</li> <li>• Customizable to fit your specific needs</li> <li>• Spring loaded faucet for easy dispensing</li> </ul>	<ul style="list-style-type: none"> <li>• TB-1004-1 (Includes Both)</li> <li>• TB-1004-2 (Includes Suction Out Only)</li> <li>• Tube Lengths available in various sizes.</li> </ul>



# MAGNETIC FILTRATION

## About

Y2K's Magnetic filters, designed with removable rare earth magnetic cores, can capture ferrous contaminants in fluid systems down to < 1UM. These pre-filters are an excellent diagnostic tool for contamination monitoring and proactive maintenance. By simply removing the magnetic core and examining the material collected, reliability and maintenance engineers across many industries now have a valuable tool for identifying potential wear related issue before they become catastrophic failures.

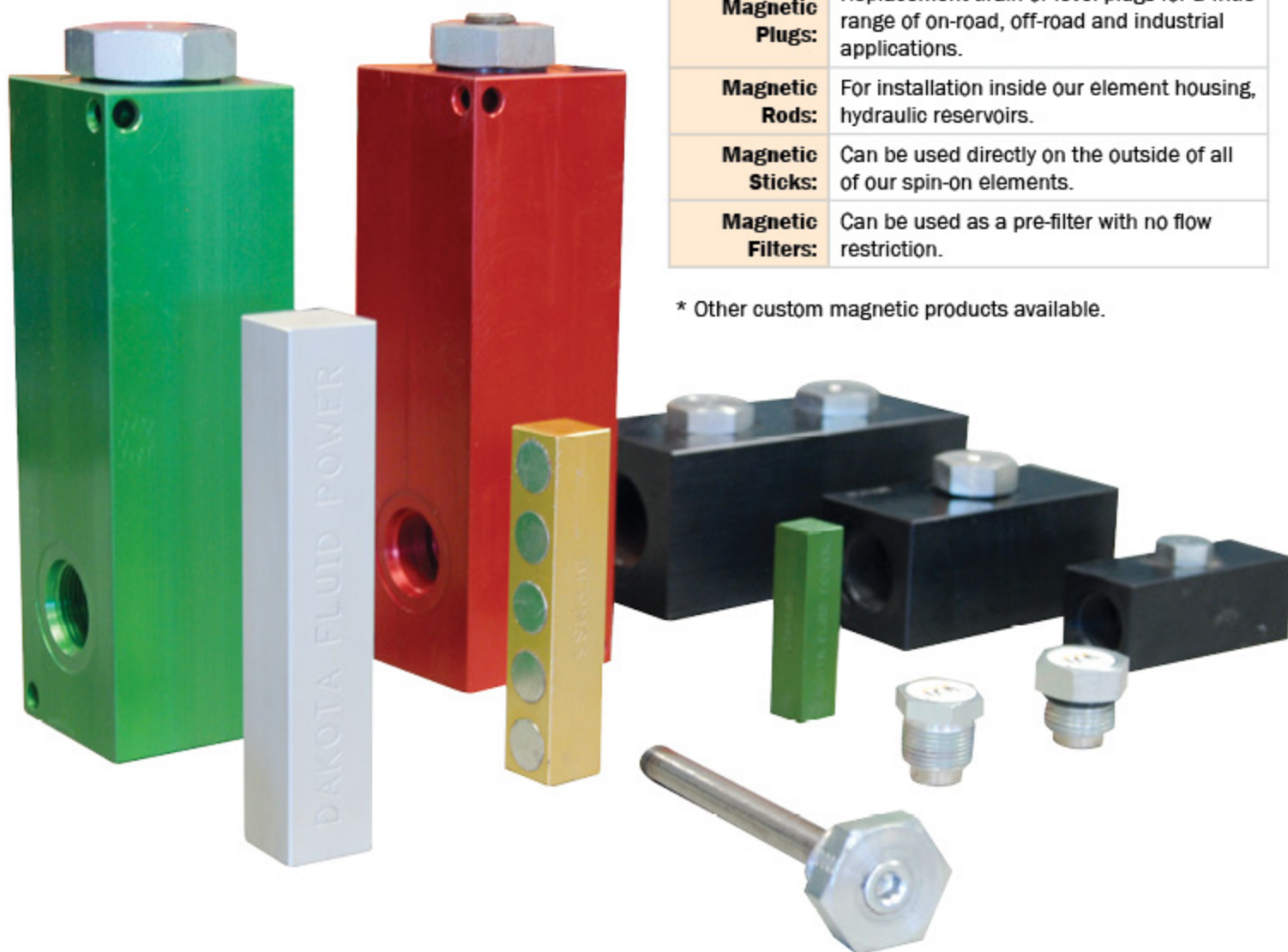
## Benefits

- Conveniently identify wear related problems before they become a problem
- Improve filter performance
- Minimize unscheduled downtime
- Extend equipment life
- Extend drain intervals by helping extend oil life

## Standard Features

<b>Magnetic Plugs:</b>	Replacement drain or level plugs for a wide range of on-road, off-road and industrial applications.
<b>Magnetic Rods:</b>	For installation inside our element housing, hydraulic reservoirs.
<b>Magnetic Sticks:</b>	Can be used directly on the outside of all of our spin-on elements.
<b>Magnetic Filters:</b>	Can be used as a pre-filter with no flow restriction.

\* Other custom magnetic products available.



# FLUID PATCH TEST KIT

## About

The Y2K Fluid Patch Test Kit allows you to take a quick snapshot of what's happening inside your equipment. You'll quickly and conveniently be able to conduct on-site particulate analysis in as little as ten minutes. When you need results now and can't wait for an off-site lab, look no further than our convenient all-in-one patch test kit.

## Benefits

- Quickly identify opportunities for optimizing filtration performance
- Use it to quickly check and monitor system cleanliness levels
- Optimize drain intervals
- Minimize downtime by identifying minor problems
- Extend equipment life

## Includes

- Sturdy, watertight Pelican case
- Solvent dispensing bottle with filter
- Vacuum pump
- 100x and 400x microscope
- Camera
- 5UM and .8UM patches
- Pen light
- Software

## If You Have Questions...

Please feel free to contact our sales team at [sales@y2kfiltration.com](mailto:sales@y2kfiltration.com) or 1-888-925-8882. We will be more than happy to help!





# OIL ANALYSIS PACKAGE

## About

**We know how important accuracy is in testing.** That's why our lab has the highest quality level attainable by a testing laboratory, ISO 17025 A2LA accreditation. This means every aspect of the analysis of your oil is held to the highest standards.

## Our Advanced Oil Analysis Package Includes

- **24 Metals** by ICP (Inductively-Coupled Plasma). ASTM D5185. This test measures 24 metals in oil. Measuring these metals help determine the type and severity of wear occurring within the unit. This test also measures some oil additives.
- **Soot** by percent of mass, ASTM E4212. Soot is a by-product of combustion. High concentrations of soot in engine oil cause the oil to thicken. This causes cold start problems and an increased risk of oil starvation.
- **Water** by crackle percent, Y2K testing method. Water ruins the lubricating properties of oil, increases wear and damages the vehicle or equipment.
- **Viscosity** at 40°C or 100°C ASTM D445. The most important property of oil is viscosity. This test ensures the oil has retained its lubricating properties.
- **TAN** (Total Acid Number), ASTM D664. This test measures the acid content in hydraulic oil. Increased acid concentration in oil causes many problems including corrosion.
- **TBN** (Total Base Number), ASTM D4739. Used for engine oils, this test measures the oil's ability to neutralize acid.
- **Oxidation**, ASTM E2412. Oxidation measures the breakdown of oil caused by operating conditions and age. If left unchecked oxidation leads to the buildup of sludge, varnish and the formation of acids.
- **Nitration** ASTM E2412. Nitration in engines is usually caused by excessive "blow by" from cylinder walls and piston rings. It is an indicator of nitric acid and accelerates oxidation.
- **Particle Count**, ISO 4406:99. The particle count is the best way to measure overall oil cleanliness. An ISO code of three numbers is given based on the number of particles larger than 4 um, 6 um and 14 um.

CONTAMINATION  
OIL CONDITION  
WEAR

NORMAL  
NORMAL  
MARGINAL

INDUSTRIAL OIL ANALYSIS REPORT

106 - Hydraulic System

Unit Make : AUTOMA

Date Rec'd : Feb 2, 2011

Sample Date : Jan 30, 2011

Unit Model : 3-DL

Serial No. : 2006

Time on Unit : 0 hrs

Comp Make : (N/A)

Cust. Ref No. : (N/A)

Time on Oil : 2000 hrs

Comp Model : (N/A)

Stab No. : PCA-I2001469

Time on Filter : 2000 hrs

RECOMMENDATION

No corrective action is recommended at this time. Example at the next service interval to monitor.

Sample Date	Current	UOM
Totals on Unit	0	hrs
Time on Oil	2000	hrs
Time on Filter	2000	hrs
Oil Mount	0-3	---
Filter Mount	0-3	---

CONTAMINATION

The amount and size of particulates present in the system is acceptable. There is no indication of any contamination in the component.

Sample Date	Current	Alarm
Sulfates	1.7	13
Water (ppm)	8	---
W (wt %)	<0.1	0.05
>4µm(c)	79.0	10000
>5µm(c)	17.9	1100
>14µm(c)	7	140
>21µm(c)	---	---
>33µm(c)	---	---
>75µm(c)	---	---
>150µm(c)	---	---
(ISO 4406)	26/16/1	>10 5/14

OIL CONDITION

Oil Type: 50-GAL OF PETRO-CANADA HYDREX A/B 46

The condition of oil is suitable for further service.

Sample Date	Current	Alarm
Iron	0.9	---
Barium	---	---
Cobalt	---	---
Magnesium	0.3	---
Molybdenum	1.2	---
Sodium	7.2	---
Phosphorus	1.2	---
Vanilene	11.0	---
Zinc	2.7	---
Visc 40°C (cSt)	42.6	---
Visc 100°C (cSt)	---	---
VI	---	---
Oxidation (%)	---	---
AN (mg KOH/g)	0.340	---
BN (mg KOH/g)	---	---

WEAR

The copper level is abnormal. All other component wear rates are normal.

Sample Date	Current	Alarm
PO	---	---
Iron	0.9	20
Nickel	0.9	20
Copper	1.0	20

# PARTS & ACCESSORIES

## Parts & Accessories

<b>Motors:</b>	<ul style="list-style-type: none"> <li>• 1HP, 115VAC, 60HZ, Single Phase; 50HZ motors are available upon request.</li> <li>• 3 Phase, wash down, severe duty motors</li> <li>• Explosion Proof, Single and 3 Phase</li> <li>• DC Motor; 12, 24, 48, 90, 180 VDC</li> <li>• Air Driven Motor</li> <li>• Air/Oil Diaphragm; recommended for oil transfer only</li> <li>• Electronic Variable Flow; Available in three sizes: 5, 10, and 20 GPM</li> </ul>
<b>Pumps:</b>	<ul style="list-style-type: none"> <li>• 1, 2, 5, and 10 GPM options are available.</li> <li>• <b>*D and M Series use different pumps.</b></li> </ul>
<b>Oil Sample Port:</b>	<ul style="list-style-type: none"> <li>• Push Button Sample Ports</li> <li>• Standard Minimesse Sample Ports</li> <li>• Standard Minimesse Probe Adapter; connects to the Standard Minimesse</li> <li>• Standard Minimesse Probe Adapter with Oil Tube Fitting; connects to the Standard Minimesse</li> </ul>
<b>Y Strainer:</b>	<ul style="list-style-type: none"> <li>• 149UM Suction Y Strainer; other options are available</li> </ul>
<b>Pressure Switch:</b>	<ul style="list-style-type: none"> <li>• Designed to automatically shut off your system when the differential pressure is reached across the filter elements</li> <li>• <b>*Only available on select models</b></li> </ul>
<b>Pressure Gauges:</b>	<ul style="list-style-type: none"> <li>• Differential Pressure Gauge; 0-30 PSI or 0-60 PSI</li> <li>• Liquid Filled Pressure Gauge; 0-160 PSI</li> </ul>
<b>Quick Disconnects &amp; Dust Caps/Plugs</b>	<ul style="list-style-type: none"> <li>• ISO A Male Quick Disconnects; available in sizes ½", ¾", and 1"</li> <li>• ISO B Male Quick Disconnects; available in sizes ½", ¾", and 1"</li> <li>• Flush Face Male Quick Disconnects; available in sizes ½", ¾", and 1"</li> <li>• ISO A Female Quick Disconnects; available in sizes ½", ¾", and 1"</li> <li>• ISO B Female Quick Disconnects; available in sizes ½", ¾", and 1"</li> <li>• Flush Face Female Quick Disconnects; available in sizes ½", ¾", and 1"</li> <li>• <b>*All Quick Disconnects come complete with Steel Dust Caps.</b></li> </ul>
<b>Hose Assemblies:</b>	<ul style="list-style-type: none"> <li>• 1", ¾", and ½" Clear PVC, Steel reinforced Suction Hose Assemblies; available in 7ft, 10ft, and 12ft options</li> <li>• 1", ¾", and ½" Clear PVC, Steel reinforced Discharge Hose Assemblies; available in 7ft, 10ft, 12ft options</li> </ul>
<b>Hose Wand Kit:</b>	<ul style="list-style-type: none"> <li>• 2 ea - 24" Stainless steel hose wands with your choice of an assortment of quick disconnects.</li> <li>• <b>*PVC wands are also available</b></li> </ul>
<b>By-Pass Valve:</b>	<ul style="list-style-type: none"> <li>• Manual Bypass Valve to bypass filters; includes fittings and ball valve.</li> <li>• <b>*Additional options are available</b></li> </ul>
<b>Cord Reel:</b>	<ul style="list-style-type: none"> <li>• Retractable, 40ft cord reel with molded plug</li> </ul>

\* Other options available not listed - Contact Y2K Filtration.



# MODEL CODE BUILDER

## EXAMPLE CONFIGURATION:

HT	D5	25	10	5	SH	SQ	40R	2	—	S
Frame Style	Filter Head	Primary Filter	Secondary Filter	Power Source/Pump	Hoses	Hose Connections	Power Cord	Frame Color		Additional Options

For other options not listed above or custom builds, contact Y2K at 888-925-8882 or [sales@y2kfiltration.com](mailto:sales@y2kfiltration.com)

### FRAME STYLE

DC	Drum Filter Cart
DT	Drum Toteover
FPA	Aluminum Diamond Pleated, FilterPak (Single D series head)
UPFA	Ultra-Fine, Aluminum Framed FilterPak (Single M series head)
HT	Filter Cart
PU	Panel Unit
T3	30 Gallon, Steel Tote Cart
TH	Tandem Filter Cart
PT32	Platform Cart w/ 32 #100 Pol. Tank
PT3232	Platform Cart w/ 2 ea 32 #100 Pol. Tanks
PT71	Platform Cart w/ 71 #100 Pol. Tank
PT115	Platform Cart w/ 115 #100 Pol. 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)

<b>Y Series Filters (Only used with the Drum Toteover)</b>	
3	3"x 8", 3 Micron Filter Element, 83=1000
5	3"x 8", 5 Micron Filter Element, 87=1000
7	3"x 8", 7 Micron Filter Element, 87=1000
12	3"x 8", 12 Micron Filter Element, 812=1000
22	3"x 8", 22 Micron Filter Element, 822=1000
WR	3"x 8", Water Removal Element
WR	3"x 5", Water Removal Element
NE	No Element
<b>M Series Filters (Only used with the M series Heads)</b>	
3	5"x 10", 3 Micron Filter Element, 83=1000
6	5"x 10", 6 Micron Filter Element, 96=1000
10	5"x 10", 10 Micron Filter Element, 810=1000
25	5"x 10", 25 Micron Filter Element, 825=1000
WR	5"x 10", Water Removal Element
NE	No Element
<b>D Series Filters (Only used with the D series Heads)</b>	
4	5"x 14", 4 Micron Filter Element, 84=2000
7	5"x 14", 7 Micron Filter Element, 87=2000
10	5"x 14", 10 Micron Filter Element, 810=1000
25	5"x 14", 25 Micron Filter Element, 825=2000
WR	5"x 14", Water Removal Element
NE	No Element

### SECONDARY FILTER ELEMENT (2ND STAGE)

<b>Y Series Filters (Only used with the Drum Toteover)</b>	
3	3"x 8", 3 Micron Filter Element, 83=1000
5	3"x 8", 5 Micron Filter Element, 87=1000
7	3"x 8", 7 Micron Filter Element, 87=1000
12	3"x 8", 12 Micron Filter Element, 812=1000
22	3"x 8", 22 Micron Filter Element, 822=1000
WR	3"x 8", Water Removal Element
WR	3"x 5", Water Removal Element
NE	No Element
<b>M Series Filters (Only used with the M series Heads)</b>	
3	5"x 10", 3 Micron Filter Element, 83=1000
6	5"x 10", 6 Micron Filter Element, 96=1000
10	5"x 10", 10 Micron Filter Element, 810=1000
25	5"x 10", 25 Micron Filter Element, 825=1000
WR	5"x 10", Water Removal Element
NE	No Element
<b>D Series Filters (Only used with the D series Heads)</b>	
4	5"x 14", 4 Micron Filter Element, 84=2000
7	5"x 14", 7 Micron Filter Element, 87=2000
10	5"x 14", 10 Micron Filter Element, 810=1000
25	5"x 14", 25 Micron Filter Element, 825=2000
WR	5"x 14", Water Removal Element
NE	No Element

### POWER SOURCE / PUMP

NP	No Power Source
—	115v, 60Hz, 1HP***
C	115v, 60Hz, 1/2 HP
O	115v, 60Hz, 1/4 HP (Only available on the FilterPak and Drum Toteover Unit)
E	Explosion Proof (Available in 115v and 230v)
T	Three Phase, 230/480v
M	Air Motor (Filter, Lubricator & Regulator included)
V	Variable Speed
ZP	Special Power Source

### HOSES

1	1 GPM
2	2 GPM
5	5 GPM
10	10 GPM
ZK	Special Pump Option
NH	No Hoses
8H	7ft clear, PVC Hose (3/4" Suction & 1/2" Discharge)
8H1	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

CO	CamLock Connections
TE	Threaded Ends
8Q	3/4" & 1/2" ISO B Quick Disconnects w/ Steel Dust Plugs
8Q1	1" & 3/4" ISO B Quick Disconnects w/ Steel Dust Plugs
AO	3/4" & 1/2" ISO A Quick Disconnects w/ Steel Dust Plugs
AO1	1" & 3/4" ISO A Quick Disconnects w/ Steel Dust Plugs
FO	3/4" & 1/2" Flare Face Quick Disconnects w/ Steel Dust Plugs
FO1	1" & 3/4" Flare Face Quick Disconnects w/ Steel Dust Plugs
HW	Hose Wands
NO	No Connections
ZO	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	Black Granite
2	Red
3	Blue
4	Black
5	Yellow
6	Silver
7	Special Color

### OPTIONS

B	Manual Bypass Valve
D	Differential Flow Meter/Totalizer
E	Color Coded Delta P Gauge
F	Visual Flow Meter
L	Lift Lugs
MF	Magneto Pre-Filter w/ Cleanable Rod
HE	Heat Exchanger (Air/Oil or Water/Oil)
N	Push Button Samole Ports
O	Standard Minimesh Samole Ports
P	Inline Particle Counter
S	Y-Strainer (148 mesh)
T	On/Off Timer Control
W	Water Content Monitor (For use with the Particle Counter)
Y	Yellow Light Filter Indicator
Z	Special Features and/or other Options not listed



**3620 North Lewis Ave.  
Sioux Falls, SD 57104**

#### **WARRANTIES & LIMITATIONS OF LIABILITY:**

##### **DEFINITIONS**

"Seller" is defined as Dakota Fluid Power, Incorporated, and its Divisions.

"Customer" is defined as person or entity purchasing goods or service from Seller.

##### **DISCLAIMER OF WARRANTIES AND LIMITATIONS OF LIABILITY**

**Seller EXPRESSLY DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY & FITNESS FOR A PARTICULAR PURPOSE.**

- a) Seller hereby assigns to Customer any rights it may have under any warranty extended by a third party covering a product or component sold by Seller to Customer. Materials manufactured by others and resold by Seller do not carry any additional warranty by Seller.
- b) Seller shall not be liable under any circumstances for consequential, incidental, indirect or remote damages. No claim by Customer hereunder, whether relating to goods delivered or for non-delivery, shall be greater than the purchase price of the goods in respect to which such claim is made.
- c) Any "custom conversion" or adaptation hereunder is pursuant to the Customer's specific request, and the Seller shall bear no risk of loss resulting therefrom.
- d) Seller's warranty shall not apply to any product or component which has been repaired, modified or altered outside of Seller's locations in any manner or has been installed or used in a manner contrary to the original manufacturer's printed instructions and specifications. In the event Customer modifies the goods sold hereunder without the express written consent of Seller, Customer agrees to indemnify and hold Seller harmless from any and all claims, demands, actions or causes of action or costs or expenses incurred thereby.
- e) Customer is solely responsible for the design, selection and application of fabricated equipment, products, components and materials purchased from Seller. Any drawings, specifications, or information prepared by or furnished by Seller are for reference purposes only, and Seller makes no warranty or representations concerning the accuracy of such materials or information. Seller takes no responsibility for the design, selection and application of products, components and materials purchased by Customer.
- f) The foregoing limitations on Seller's liability shall also be the absolute limit of Seller's liability for negligence or defect in the service, manufacture, installation, fabrication or other action with respect to the articles sold hereunder.
- g) Seller has made preliminary tests of any software included within this order, to assure that any computer programs and documentation, part programs, programming manuals and the like (herein called "Software Materials") supplied to Customer are operative for the purposes intended. However, because users of Software Materials may employ them in applications outside the scope of those originally contemplated, and because defects in Software Materials cannot with absolute certainty be detected and removed prior to actual machine or equipment operation, within six months from the date of delivery to Customer of any item of Software Materials, Seller will supply free of charge a corrected version of that item under the following conditions: (i) only if the Customer provides Seller with a detailed description of the problem or difficulty which has been experienced and (ii) only if the correction does not entail the creation of new Software Materials to serve a function not intended to be served by the original Software Materials. Customer shall have no rights under this subparagraph in the event if any changes are made or attempted to be made, in any Software Materials by Customer.
- h) Any fabricated product, fabricated part thereof, or any goods in which a product has been installed covered by a quotation or sale which, under normal Seller standard operating conditions on the part of the Customer proves defective in material or workmanship within one (1) year from the date of invoice by Seller, as determined by an inspection by Seller, will be replaced or repaired, at Seller's option, at Seller's facility, free of charge provided that Customer promptly sends to Seller notice of the defect and establishes that the product has been properly installed, maintained and operated within the limit of rated and normal usage. This warranty, as it relates to electronic control units, only applies if the Customer has in its employ qualified maintenance personnel. Components purchased by Seller are warranted by and in accordance with the individual manufacturer's warranties, if any, not those of Seller. If an article is claimed to be defective in material or workmanship or not to conform to specifications, Seller, on written notice, shall at Seller's option either examine the article at its site or issue authorization for return to Seller. In the event such article is returned to Seller, Customer shall be solely responsible for all costs and expenses associated with such shipment and Customer shall bear risks of loss or damage to goods while in transit. In the event an article within a component is determined to be covered under a third party warranty, Customer shall be responsible for all freight charges not covered by third party, and agree that Seller may invoice for said charges. Articles not warrantable will be held for a period not to exceed fifteen (15) days pending disposition by customer.
- i) Any service for repair shall be free from defects in material and workmanship for a period of 90 days from date of sale. Customer shall make such defective item available for inspection by Seller and, if so directed by Seller, shall return to Seller said item, free of debris, with transportation charges prepaid. In no event shall Seller be liable for any incidental, consequential or special damages of any kind or nature whatsoever, including but not limited to loss of profit arising from or in any way connected with said service or repair, whether alleged to arise from breach of contract, expressed or implied warranty, or in fact, including without limitation, negligence, or strict liability.
- j) All products serviced for free or goodwill, but not warranted, will have a 90-day warranty, from date of service, that covers assembly only.