



WORLD CLASS

**Filtration and
Fluid Conditioning
Products**

**2012
PRODUCT CATALOG**





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Corporate Office
3500 North St. Paul Ave.
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1.888.925.8882
www.y2kfluidpower.com

TECHNICAL DATA

<p align="center">ALL STANDARD PRODUCTS:</p> <p>FILTER ELEMENTS: Please refer to the Technical data shown on page 16</p> <p>PUMPS: Our pumps can handle viscosities of 3000 SUS maximum. All pump flow ratings published in our catalogs are nominal. Actual flow rates will vary with temperature and oil viscosity.</p> <p>QUICK DISCONNECTS: Standard quick disconnects meet ISO724-1 Series B Dimensional Requirements other sizes and types are also available upon request. * All filtrations systems are serialized and shipped with owner/operator manuals and are shipped completely assembled & ready for use.</p> <p>DRUM CARTS Weight Approx. 125Lbs. Ships on pallet, via truck carrier.</p> <p>UTILITY CARTS Weight Approx. 130Lbs. Ships on pallet, via truck carrier.</p> <p>HAND TRUCK CARTS Weight Approx. 115Lbs. Ships on pallet, via truck carrier.</p> <p>TANDEM CARTS Weight approximately 160 lbs. Ships on pallet, via truck carrier.</p> <p>MEDIUM CAPACITY Weight Approx. 100Lbs. Ships on pallet, via truck carrier.</p> <p>PANEL UNITS & FILTER CUBES Weight Approx. 60-65Lbs. Some can ship via UPS others ship on pallet, via truck carrier.</p> <p>HIGH CAPACITY CARTS Weight Approx. 145Lbs. Ships on pallet, via truck carrier.</p> <p>T3 SERIES TOTES Weight Approx. 80Lbs. Ships on pallet, via truck carrier.</p> <p>FLUID COMPATIBILITY All standard products are compatible with mineral and synthetic based oils (hydraulic oils, gear oils, turbine oils). If you are unsure, call us with your specific fluid and we can identify & ensure fluid compatibility. We can manufacture products for specialty fluid types, including fire resistant fluids.</p>	
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NOTES



Y2K manufactures a complete line of filtration and fluid conditioning products used for removing liquid and particulate contamination in hydraulic and lubricating oil systems. All of the Oil handling equipment should work together as a "System" to provide true contamination control. These products were designed for that purpose. This catalog illustrates some of our solutions.

*For a Distributor near you in the US or Canada - Call us at **888.925.8882***

www.y2kfluidpower.com

Simple & Powerful!

The Y2K HT Series Hand Truck is an excellent choice for “off-line” filtration.

Portable and easy to get around is our HT Hand Truck models. Very mobile, light weight and all the power needed for viscosities up to 600 cSt standard.

When electricity is not available, use compressed air. Below, is the air motor & direct mounted pump version and the air/oil diaphragm pump. Varying the compressed air input varies the pump flow (GPM)



Specs: Electric:
1 HP Motor with TEFC frame - 115 VAC
1, 2.5, 5 & 10 GPM Pump

25 ft electric cord reel
Water removal pre-filter
3um absolute filter
Differential pressure indicators
7 ft transfer hoses with quick disconnects
(3/4" suction & 1/2" discharge hoses)
and steel dust plugs

Optional on-board particle monitor available, see page 17.



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HT Filter Cart



Model #HTD5WR45SHSQ25R



Ultimate Cart

The “Ultimate” Filter Cart!

The Y2K ULTIMATE Hand Truck is an excellent choice for “off-line” filtration.

Portable and easy to get around! The Y2K ULTIMATE cart is very mobile, light weight and all the power needed for viscosities up to 600 cSt standard.



Model #DFPDLZEZE5ZHNQ30R-Z0



Specs: Electric: 1 HP Motor with
TEFC frame - 115 VAC
1, 2.5, 5 & 10 GPM Pump

25 ft electric cord reel
4um single pass particulate filter
Differential pressure indicators
10' suction hose
10' discharge hose
(3/4" suction & 3/4" discharge hoses)
Suction strainer (149 mesh)
Downstream sample port
200 PSI gauge
Non by pass head
Pressure switch (80 PSI)



Most Versatile Tote made!

T3 Totes

This tote can fill itself, off-line filter the oils in the tote, pump the oils out of the tote (through the series filters) and if needed this tote can be used as an off-line filter cart!



Oils can be poured in through the top or pumped into the reservoir, through the on-board pump. All oils pumped are filtered through the water removal and 3um Absolute filters. They can be manufactured with a variety of different filters, flow rates and options.



Model # T3Y335ZHSQ25RBCOZ

Specs: Electric:

- 1 HP Motor with TEFC frame - 115 VAC
- 1, 2.5, 5 & 10 GPM Pump
- 30 Gallon reservoir
- 2 um desiccant filter
- 25 ft electric cord reel
- Water removal pre-filter
- 3um absolute secondary filter
- Differential pressure indicators
- 7 ft transfer hoses with quick disconnects (3/4" suction & 1/2" discharge hoses)
- Steel dust plugs

Totes: Electric
Air
Combinations

For added versatility, our totes allow for an electrically operated pump, air operated, diaphragm pump or rotary hand pump.



For true closed loop oil handling, which gives you better control of contamination through ingress, add one of our Breather Kits - see page 14



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Tandem Cart

Our Best Ever... in one cart!



Model # THDLWR45SHSQ25R

Filter two grades of oil
using a single cart.

All the power needed
for viscosities up to
600cSt.



Reduces Cross-contamination
and equipment costs.

Specs: Electric:
1 HP Motor with TEFC frame - 115 VAC
1, 2.5, 5 & 10 GPM Pump

25 ft electric cord reel
Water removal filter
3um absolute filter
Differential pressure indicators
7 ft transfer hoses with quick disconnects
(3/4" suction & 1/2" discharge hoses) and
steel dust plugs



Optional: On-board particle
monitor see pg. 17



The Ultimate in Tandem Carts!

The Y2K Tandem Cart with On-Board Particle Monitor.

Unit capable of analyzing two different grades of fluid being processed through a single on-board particle monitor.

Provides immediate, real time condition of the contamination level to the ISO cleanliness standard.

Specs: Electric:

- 1.5 h.p., 115VAC TEFC Electric Motor.
- 4-way selector (isolation) valve.
- Upper/Lower set of independent filters.
- 10 GPM pump
- Built in drip pan.
- Y Strainer, suction/inlet port.
- Particulate and water removal medias available. (staged)
- Visual differential pressure indicator to monitor filter element service life, each filter.



Model # THDLWR45SHSQ25RP



Please refer to options on pages 21 and 22.

www.y2kfluidpower.com

“Cube” Cart

The “Cube”!

Boosting the filtration capabilities of a compact!



Specs:

- Heavy duty hand truck frame
- Pneumatic wheels/tires
- Bracket to attach a cube filter unit w/ locking pin
- 50 PSI bypass filter head with differential pressure indicators
- Choice of 2 high capacity elements (5" x 14")
- 15' discharge hose with Qucik disconnect
- Mating QD w/ dust cap for Cube attachment
- 25' electric cord reel with 3 prong plug

Everything fits inside the 15" x 11" x 17" high frame.

When electricity is not available... use compressed air. Varying the compressed air input, varies the pump flow (gpm)



See additional options on pages 21 - 22

Specs:

- 1 HP Electric Motor with TEFC frame - 120VAC
- 1, 2.5, 5 or 10 GPM Pump
- 3 ft electric cord with 3 prong plug
- Water removal Pre-filter,
- 3um absolute filter
- Differential pressure indicators
- 7' suction & 7' discharge hoses w/ quick disconnects
- Steel dust plugs.



Drum Cart



Drum not included
Model # DCYWR355HSQ25R

Our most popular filter cart is the Drum Handling Unit. The cart is very practical and it reduces equipment costs by allowing one piece of equipment to move, dispense and filter oils out of a 55-gallon drum on wheels.

Take the drum... or leave the drum behind!



Air powered pumps are an excellent alternative to electricity. The air motor & direct coupled pump delivers stable flow, without oil surge.

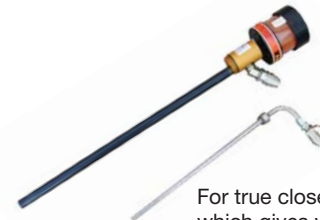


Chime hook holds drum to cart

Specs: Electric:

- 1 HP Motor with TEFC frame - 115 VAC
- 1, 2.5, 5 & 10 GPM Pump
- Chime hook holds drum to cart
- Two stationary wheels & two swivel casters
- 25 ft electric cord reel
- Water removal pre-filter
- 3 um secondary filter
- Differential visual indicators
- 7 ft transfer hoses with quick disconnects (3/4" suction & 1/2" discharge hoses)

Other filter options available -
see page 16 or give us a call at
888.925.8882



For true closed loop oil handling, which gives you better control of contamination through ingress, add one of our Breather Kits - see page 14



Panel Units



W/ hoses and QD's
Model # PUYWR35SHSQ3P0MWG

Panel Units are designed for more permanent installations on a dedicated oil reservoir.

Bulk tanks, gear boxes and hydraulic reservoirs or even as dispensing units.

When heat is a problem, we can add heat exchangers to our panel units. These packages provide cooling and filtration of oils, to extend the life of machinery like gear boxes and hydraulic systems.

Bulk Oils, Gear boxes, Hydraulic reservoirs



"Panel Unit with Air Cooled Heat Exchanger"



"Panel Unit with Water Cooled Heat Exchanger"



Another industry first by Y2K, is our variable speed drives. They can be added to most all of our filter systems, like our panel units. This allows an operator to turn the motor on or off and allows the operator to adjust the motor speed/pump flow to the desired gallons per minute.

Specs: Electric:

1 HP Motor with TEFC frame - 115 VAC

1, 2.5, 5 & 10 GPM Pump

Water removal pre-filter

3um absolute filter

Differential pressure indicators

3' electric cord with 3 prong plug

Optional

7 ft transfer hoses with quick disconnects
(3/4" suction & 1/2" discharge hoses)

steel dust plugs

Panel Units:

Electric

Air Operated

w/ Variable Flow

w/ Heat Exchangers



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Custom Builds



Custom Paint
Flame Tote Cart



Custom application
Gas powered Filter Cart

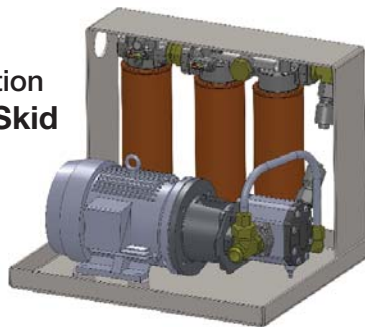


Themed Application
NASCAR Tote Cart



Custom Application
Bicycle Tire HT Cart

Custom Application
20 GPM Filter Skid



Custom Application
Compact Filtration Unit



Custom Paint
Chromed Cube Cart



Portable Totes

Innovation and Reliability ALL-In-One!



Model # PT3232YWR3V5SHSQ25C

Getting oils from bulk oil storage and out into the plant is made easy with these portable totes. All oils dispensed from the portable tanks through on-board filters and even include a desiccant or absolute rated air filter.



Specs:

TEFC frame - 115VAC

1,2.5, 5 or 10 GPM Pump

25 ft electric cord reel,

7ft transfer hose, quick disconnects

7' suction, 7' discharge with quick disconnects

Clear Poly Tote ,

4-Wheeled Cart with drip tray,

Desiccant Breather, Adapter, Tote breather kit

Many ways to power the pump

(air, electric, even variable flow),

On/Off Switch

Carts have a tray for storing and hauling oil containers or other supplies

These units can have two 32 gallon tanks and two pumps and motors. Typically they are set up to bring new oil out into the plant and used oil back (separate tanks and pumps). They are also set up for bringing two different oils out into a plant. They are built in-house, so we can customize them to suit nearly any application.



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Style, size and power!

Compact Filtration Units

Not many filter units can compare to the size or performance of our hand held power filter unit.

This little powerhouse will accept multiple filters for your application needs.

Specs:

1/2 HP Motor with Aluminum diamond plate frame
1, 2.5, 5 GPM Pump(s)
3' electric cord with 3 prong plug
Differential visual pressure indicators
7 ft Transfer hoses/quick disconnects
(3/4" suction and 1/2" discharge hoses)

Motor is 1/2 hp, 115VAC, TEFC.
Pump is rated for oil viscosities of 600 cSt at 100 deg. F.

Ideal for flushing small gearboxes and/or lube systems. Supplied with suction and discharge hoses with QD's.

When space is limited for use or storage, our Compact Series Units are appealing in both style and performance.

**Specs: Electric: 1 HP Motor with TEFC frame
- 115VAC**

**1,2.5, GPM Pump
3' electric cord with 3 prong plug
Particulate or Water Removal element available
Differential visual indicators,
7ft transfer hoses, quick disconnects
(3/4" suction & 1/2" discharge)
and steel dust plugs.**



Desiccant Breathers

D-Series

A large part of contamination control is filtration and reducing ingress. These breathers will filter particulate, humidity and moisture from the air before it reaches the oil.

MODEL	Dia X Height	CFM	GPM	RATING	CONNECTION
D100	5" X 3.5"	35	262	2UM	1" PUSH FIT
D101	5" X 5"	35	262	2UM	1" PUSH FIT
D102	5" X 8"	35	262	2UM	1" PUSH FIT
D103	5" X 8"	35	262	2UM	1" MALE NPT
D104	5" X 8"	35	262	2UM	1" MALE NPT

X-Series

X-Series breathers are excellent for high humidity applications and outdoor applications. These desiccant breathers have check valves on the inlet and exhaust, which only allow air to come into contact with the desiccant when there is a need. They extend the life of the breather and the equipment they are used on. They also have replaceable cartridges.

MODEL	Dia X Height	CFM	GPM	RATING	CONNECTION
X100	3.25" X 6.25"	35	262	2UM	1/2" FNPT
X101	5" X 7"	35	262	2UM	1" PUSH FIT
X102	5" X 10"	35	262	2UM	1" PUSH FIT
X103	5" X 7"	35	262	2UM	1" MALE NPT
X121	5" X 7"	35	262	2UM	2" MALE NPT

*Other types are available for high vibration and high humidity; fume control and more.



Adaptors



If you don't see the adaptor or mount you require, call us. We manufacture specials and customs for special requirements. THREADED BREATHERS ARE ALSO AVAILABLE.



Breather Kits

SB-1004-1 Our SB Kits don't provide desiccant air filtration, like our RB, TB and DB Kits, but they do provide a simple way to add quick disconnects under existing breather caps. They are primarily used by the mobile hydraulic machinery industry and the applications that have breather height restrictions. Our SB Kit includes a patented SB adaptor, new gasket, longer screws, 18" down tube and two quick disconnects for pumping oil in and out of the reservoir. Excellent for "off-line" filtering of oil.

SB -1004-2 is a kit that includes the patented adaptor, new gasket, longer screws, an 18" down tube and one quick disconnect for pumping oils into the hydraulic reservoir only.

RB-1004-1 is a complete kit for hydraulic reservoirs. It directly replaces 6-bolt 40 micron breather caps. It includes a patented RB adapter, new gasket and screws, 18" down-tube, desiccant breather, and two quick disconnects for pumping oils in or out of the reservoir. Excellent for "off-line" filtering of oil.

RB-1004-2 is a kit that includes the patented adapter, breather and quick disconnect, for pumping oils into the reservoir only. Add an "S" to the end of the part numbers above, for sample ports to be installed on these adapters. There is no better way to equip a hydraulic reservoir, for easy oil access and true contamination control.

DB-1004-1 is a complete kit to equip a drum. It includes a patented 2" adapter for pumping oils out of a drum, desiccant breather, and two quick disconnects for pumping oils out of and even back into the drum. Excellent for pre-filtering oils.

DB-1004-2 is a kit that includes the patented adapter, breather and suction quick disconnect, for pumping oils out of a drum only.

DB-1004-3 is similar to #2, but includes an oil level indicator gauge for the 3/4" port in the drum. As oils are pumped out of the drum, our desiccant breather or Absolute Rated Filters, keep entering air filtered and clean.

TB-1004-1 These kits are for our poly oil storage tanks. They include the adapter, desiccant breather, poly down-tube for pumping oil in below oil level, a tee with spring loaded faucet valve and male quick disconnects for oil access.

TB-1004-2 This is the breather adapter, desiccant breather and poly down-tube (no quick disconnects or faucet valves).

TB-1004-3 Special kits with filters for filtering oils pumped into poly totes. Includes quick disconnect and filter assembly.



SB Series



RB Series



DB Series



TB Series



Magnet Filtration



Enhance the service life of conventional filter elements with the Y2K magnetic filtration system.

Boost the performance of conventional filters!

Magnetic filters attract ferrous materials that are “any” size.



Magnetic Filter Assembly
Small -
Medium -
Large -



Magnetic Plugs
1/2"
3/4"
1"
1-1/4"



Magnetic Sticks
3" Long Green
5" Long Gold
7" Long Silver



Magnetic Rods
6"
8"
10"
12"



Standard Elements, Grades of Media

Part Number	BETA Rating	Desired Cleanliness level (ISO Code)
P1007 (3.5" x 8")	B5(c)=1000	15/13/10 - 14/12/9
P1010 (3.5" x 8")	B23(c)=1000	20/18/15 - 19/17/14
P1011 (3.5" x 8")	B9(c)=1000	19/17/14 - 18/16/13
P1024 (3.5" x 8")	B9(c)=1000	19/17/14 - 18/16/13
P10071 (3.5" x 8")	B4(c)=1000	14/12/9 - 13/11/8
P 1066 (5 x 14")	B4(c)=2000	14/12/9 - 13/11/8
P1065 (5" x 14")	B7(c)=2000	18/16/13 - 15/13/10
P1064 (5 x 14")	B25 (c) =2000	20/18/15 - 19/17/14
P1048WR (5" x 14")	Water Removal	
P1008 (3.5" x 5")	Water Removal	
P1008L (3.5" x 8")	Water Removal	



System Characteristics to consider when specifying filtration

Consider your system completely and set an ISO "target cleanliness code" using a systemic approach.

1. Oil Viscosity
2. Flow
3. Pressure
4. What components will be protected by the filter
5. Cleanliness level required (expressed in ISO code)
6. Type of oil/fluid
7. Environment (the system, the surrounding conditions, etc.)
8. Duty cycle
9. Operating Temperature

Properly done, oil analysis gives you a true representation of the condition of the fluid. This can assist your decisions on proper selection and placement of contamination control devices in a system.



Visual Delta P Indicators

All Y2K Filtration products come standard with Visual Delta P Indicators. When the color changes to red, it's time to change the element.

All Y2K elements are available for purchase as a single, multiple or by the case.

Call for pricing. 888.925.8882



On Board Particle Monitor



The optional on-board particle monitor has an automatic shutdown feature standard on all Y2K model carts and related filtration equipment; once the particle monitor achieves a preset value, i.e., a target ISO cleanliness code, the particle monitor will automatically shut down your filter cart and display "clean" on the readout.

The inline particle monitor, better known as a Contamination Monitor is a stationary measurement unit for the continuous monitoring of the particulate contamination in hydraulic and lubricating oil systems.

It is designed for connection to low-or high-pressure hydraulic and lubrication lines from which a small flow of oil (between 300ml/min and 300ml/min) is delivered for measurement purposes. The Contamination Monitor is suitable for pressure ranges of 0-4,350 psi (0-300 bar) and oil viscosities up to 4,635 SUS (1,000 cSt). Particulate contamination is detected using an optical measurement cell. (laser light). Measurement results in an output shown as a contamination code according to ISO 4406 (1999E) or SAE AS 4059 (D) cleanliness codes reported: **>4um (c) >6um (c) >14um (c).**

All models feature an analog electric output and an RS-485 interface for outputting the measured contamination levels. The monitor is mounted on a manifold block with an adjustable, pressure compensated flow control valve, externally adjustable. To protect the monitor from any damaging contamination, there is an upstream, in-line mesh strainer installed before the inlet port to help eliminate large particles from entering the monitor. This is a serviceable item that should be cleaned and/or replaced if needed.



Model Code Builder

Go to our website and build your model in real time. Email your build to us for a quick quote.

Print out the "Model Build" for your records.

Can't email? Fax it to us with your contact information. 605.338.5109 We'll call you back the next business day with a quote. Questions? Call us - 888.925.8882

See the example below.

Match the color bars under PRODUCT CODES on pages 18, 19, 20 to the color codes below to build your new cart

Model Number example: HTYWR35SHSQ25RC...it's that easy!

HT	Y	WR	3	5	SH	SQ	25R	C
Frame Style	Filter Head Option	Primary Filter 1st Stage	Secondary Filter 2nd stage	Power Source	Hoses	Quick Disconnects	Electric Cord	Additional Options

Build Your Model Code Number Below

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Y2K Fluid Power 3500 North St. Paul Ave. Sioux Falls, SD. 57104
Filtration and Fluid Conditioning Products.

Call us at 888.925.8882

www.y2kfluidpower.com

We manufacture one of the world's largest varieties of filtration systems, as such, we offer our customers many choices and options. For standard products, please pick the options below, or if you don't see what you are looking for give us a call. We manufacture in-house and have many more options available than are listed.

Frame Style

Because one filter cart can't be applied to all applications, Y2K is proud to offer one of the largest selections of cart frame styles, ways to power them and optional accessories to complete them.

CA	Compact Air Operated Frame (Hand Carried)
CE	Compact Electric Frame (Cart has plastic wheels & folding handle)
CU	Cube Unit (Everything contained inside Cube frame)
*CH	*If choosing CH series cube/hand truck combo, please specify a 3rd element - 1 on cube 2 on hand truck
DC	Drum Handling Cart (Drum Handling and filter cart all in one)
DFP	Dakota Fluid Power Filter Cart (Has HMK05 filters)
GB	Gear Box Filter Cart (don't forget a magnetic filter on this cart, works great)
GP	Gas Powered Filter Cart Frame
HC	High Capacity Cart (Has two large filters in series)
HH	Hand Held Filter Unit (Unit can only have one 5" low pressure element)
HT	Hand Truck Filter Cart (Steel frame pneumatic wheels)
HU	Detachable Cube Frame (Includes two wheeled cart and Cube that can detach)
PA	Panel Unit with Air/Oil Heat Exchanger
PU	Panel Unit Frame (Can be mounted on wall or shelf)
PV	Panel Unit Frame (For Vertical Mounting Only)
PW	Panel Unit with Water/Oil Heat Exchanger
SM	Skid Mounted Filtration System (Moved by pallet jack or forklift)
T3	30 Gallon Steel Tote (Filter Cart and 30 gallon Tote all in one)
TH	Tandem Hand Truck Unit (Two sets of filters with a selector valve)
TU	Tandem Utility Cart (Two sets of filters with a selector valve)
UC	Utility Cart (Two shelves and two drawers, and a filter cart all in one)
ZC	Special Constructed Filter Cart

Filter Head Option

Y	This filter head option uses 3" x 5" or 3" x 8" size elements
NF	No filter element
D5	Y2K Medium pressure (5" x 14" element used)
ZF	Non-standard special filter
DL	Y2K Low Pressure (5" x 14" element used)

Primary Filter Element 1st Stage

MF	Magnetic Filter with removable/cleanable magnetic rod
WR	Water Removal Element (Replacement #P1008 (3" x 5") regular on #P1008L (3" x 8"))
ZE	Special Pre-Filter Element
1	1 Micron Absolute Filter (Replacement #P10071) (3" x 8")
3	3 Micron Absolute Filter (Replacement #P1007) (3" x 8")
6	6 Micron Absolute Filter (Replacement #P1011) (3" x 8")
10	10 Micron Absolute Filter (Replacement #P1024) (3" x 8")
25	25 Micron Absolute Filter (Replacement #P1010) (3" x 8")
4	P1066 (5" x 14")
7	P1065 (5" x 14")
25	P1064 (5" x 14")
WR	P1048WR (5" x 14") Water Removal

Go to our Website - www.y2kfluidpower.com/model_code_builder

Please use the color bars on pages 18, 19 and 20 to build your Model Number.

See "Model Code Builder" on page 17.

Options & Accessories Pg 21 - 22



Secondary Filter Element 2nd Stage

Power Source

MF	Magnetic Filter with removable/cleanable magnetic rod
WR	Water Removal Element (Replacement #P1008 (3" x 5") regular on P1008L (3" x 8"))
ZE	Special Pre-Filter Element
1	1 Micron Absolute Filter (Replacement #P10071) (3" x 8")
3	3 Micron Absolute Filter (Replacement #P1007) (3" x 8")
6	6 Micron Absolute Filter (Replacement #P1011) (3" x 8")
10	10 Micron Absolute Filter (Replacement #P1024) (3" x 8")
25	25 Micron Absolute Filter (Replacement #P1010) (3" x 8")
4	P1066 (5" x 14")
7	P1065 (5" x 14")
25	P1064 (5" x 14")
WR	P1048WR (5" x 14") Water Removal
NP	No Power Source or Pump
1	1GPM Pump & 115VAC-TEFC-1HP Electric Motor
2	2.5GPM Pump & 115VAC-TEFC-1HP Electric Motor
5	5GPM Pump & 115VAC-TEFC-1HP Electric Motor
10	10GPM Pump & 115VAC-TEFC-1HP Electric Motor
DA	Diaphragm Operated Air Powered Oil Pump (0-15GPM)
E1	Explosion Proof Motor (115vac) & Switch with 1GPM Pump
E2	Explosion Proof Motor (115vac) & Switch with 2GPM Pump
E5	Explosion Proof Motor (115vac) & Switch with 5GPM Pump
E10	Explosion Proof Motor (115vac) & Switch with 10GPM Pump
G5	Gas Powered Engine and 5GPM Pump (flow depends on RPM of engine)
HR	Hand Pump - Rotary Actuated
M1	Air Motor with direct coupled 1GPM Pump (Flow varies by air input)
M2	Air Motor with direct coupled 2GPM Pump (Flow varies by air input)
M5	Air Motor with direct coupled 5GPM Pump (Flow varies by air input)
M10	Air Motor with direct coupled 10GPM Pump (Flow varies by air input)
T1	Three Phase 230/460VAC Motor with 1GPM Pump
T2	Three Phase 230/460VAC Motor with 2.5GPM Pump
T5	Three Phase 230/460VAC Motor with 5GPM Pump
T10	Three Phase 230/460VAC Motor with 10GPM Pump
V5	Variable Speed Electric Motor (115VAC powered) and 0 to 5GPM Pump
V10	Variable Speed Electric Motor (115VAC powered) and 0 to 10GPM Pump
X1	Explosion proof 230/460VAC Electric Motor & 1GPM Pump
X2	Explosion proof 230/460VAC Electric Motor & 2GPM Pump
X5	Explosion proof 230/460VAC Electric Motor & 5GPM Pump
X10	Explosion proof 230/460VAC Electric Motor & 10GPM Pump
ZP	Special Power Source or Pump/Motor Combination

Go to our Website - www.y2kfluidpower.com/model_code_builder

Please use the color bars on pages 18, 19 and 20 to build your Model Number.

See "Model Code Builder" on page 17.

Options & Accessories Pg 21 - 22



Hoses

NH	No Hoses
SH	Standard 7Ft Clear Hose Suction & Discharge
TH	7Ft Clear Hose Suction and 10Ft Discharge
UH	7Ft Clear Hose Suction and 25Ft Discharge
WH	7Ft Black Hydraulic Hose Suction and Discharge
ZH	Special Hose Type or length

Quick Disconnects

CQ	CamLock Type Couplers
DQ	Double Shut Off Wing-Nut Style Couplers
FQ	Flat Face Quick Disconnects (ISO16028)
NQ	No Quick Disconnects on end of above hoses
SQ	Standard Quick Disconnects (ISO724-1 Series B Poppet Style)
ZQ	Special Size, type, or style quick disconnect

Electric Cord

NC	No Electric Cord or Cord Reel
3P	3Ft Electric Cord with 3 prong plug (pigtail)
25R	Standard 25Ft Electric Cord and retractable cord reel
25C	25Ft Electric Cord (not on retractable cord reel)
50C	50Ft Electric Cord (not on retractable cord reel)
ZW	Special Wire Type, Style or Length

Additional Options

A	Alarm for high oil temperature (specify temp setting)
B	Bypass Valve (bypasses oil around filter elements)
C	Special Paint Color
D	Digital Flow Meter/Totalizer
E	Color coded Delta P gauge
F	Flow Meter (Visual Type)
H	H2O Control Water Saver Valve (for water/oil heat exchanger)
MF	Magnetic Filter with cleanable rod (mounts in series with filters)
HE	Heat exchanger
N	Push button Type Oil Sample Ports (upstream and downstream of filters)
O	Oil Sample Ports (test points) upstream and downstream of filters
P	Particle Monitor
S	Suction Strainer 149mesh on suction port of pump
T	Timer Control (on/off and timer shut off switch)
W	Water Content Monitor
Y	Yellow Light (Can indicate when plugged in or when cart is turned on)
Z	Special Option

Go to our Website - www.y2kfluidpower.com/model-code-builder

Please use the color bars on pages 18, 19 and 20 to build your Model Number.

See "Model Code Builder" on page 17.

Options & Accessories Pg 21 - 22



1HP - TEFC Frame Motor
115 VAC, Single Phase

Pump flows from ½ - 10GPM
Standard

Air Driven Motor direct
coupled to an oil pump with
adjustable integral relief
valve. Output flow is deter-
mined by air pressure.
Steady output flow of
0-10GPM.

Air/Oil Diaphragm pump
also uses compressed air,
but this unit reciprocates
back and forth to deliver oil.
The faster the pump opera-
tes, the larger the pulsating
becomes.

DC Motors 12VDC, 24VDC,
48VDC, 90VDC, 180VDC
Specials available on re-
quest.

Electronic Variable Flow.
Available in 3 sizes: 0-5GPM,
0-10GPM, 0-20GPM. Excel-
lent for control over a filter
carts low rate.

Single and three phase
explosion proof motors are
also available. Many pump
flow rates available

3 Phase, wash down, severe
duty service and other motors
also available upon request.
Virtually any flow rate.



Oil Sample Ports.
Upstream & Downstream
of filters for taking oil
samples or online counter
access. Either test points
or push button styles.

By-Pass Valve. Open
and allow dirty oil to go
around filters rather
than through them.

Both Sample Ports and
Bypass valves or other
combinations of options.

Cord Reel.
A retractable 1/2" outlet
cord reel makes hard to
reach places simpler.

In-Line Particle
Monitor. On most units
we can install this
valuable resource to keep
track of oil cleanliness.

Magnetic Filters are an
excellent way to
augment the filtration of
ferrous metals. Easy to
use and re-useable. See
page 15

When differential pres-
sure is reached across
elements the pressure
switch shuts off
automatically

Option #5 Colors.
All of our filter carts and
breather adapters can be
color coded to virtually
any color. This helps
reduce cross-
contamination

Accessories & Parts

#M1520 OIL SAMPLING KIT
This kit includes a vacuum pump, 20ft of tubing, a female sample coupling and push to connect fittings. Oil samples can be taken through test ports or by inserting the tubing into the port.

#P1056 MALE OIL SAMPLE PORT
1/4" Male NPT oil sample ports make the task of drawing oil samples easier & better. They can be installed into gauge ports on filters, drain plugs and other areas on equipment.

#P1057 FEMALE OIL SAMPLE HALF request. 1/4" Female NPT oil sample ports are the mating halves of the oil test ports above.

For female half and push fitting for oil sample tubing use part #P1058

#M1200 DRUM LEVEL GAUGE
Without a gauge, how do you know the oil level in the drum? Our Drum Level Gauge fits in the 3/4" port on drums. It is included in our DB-1004-3 Kit also..

#HWKIT 24" PVC HOSE WAND KIT
None of us like to use hose wands, but some applications may require them. They can also be used short term, while quick disconnects are being added to equipment. Also available in Stainless steel (#HWKITSS)

Differential indicator pressure gauge 0- 60 PSI



#S101-4 MALE QD & #S19-4 DUST CAP
1/2" male quick disconnects & dust caps are the size we use to pump oils into equipment & machinery. The dust cap and chain are made of carbon steel.

#S101-6 MALE QD & #S19-6 DUST CAP
3/4" male quick disconnects & dust caps are used to pump oils out of equipment, like drain on plugs of gear-boxes. The dust cap keeps the connection clean, when not in use.

#S105-4 FEMALE QD & S14-4 DUST PLUG
1/2" Female quick disconnects and dust plugs come standard on most of our products. This is normally attached to the 1/2" outlet hose on our filter carts.

#S105-6 & S14-6 FEMALE Q.D.
3/4" Female quick disconnects and dust plugs also come standard on most products. The 3/4" is used on suction lines. The use of 2 different sizes reduces improper connecting of hoses.

200 PSI LM Liquid pressure gauge

#P1201 OUTLET HOSE EXTENSION 10FT

This hose couples up to the outlet hose on our filter carts, for harder to reach areas. The quick disconnects keep the oil in the hose, rather than the floor, when not in use.

#P1202 OUTLET HOSE EXTENSION 25FT

Same as above, except 25Ft. Over-all length, special and custom sizes are also available upon request

#P1076 SEVEN FT. HOSE EXTENSION KIT

Generally it's not recommended to have a suction hose longer than 7ft., but there are applications that require the intermittent use of longer hoses, these too have quick disconnects



Lube Rooms



At Y2K we manufacture complete systems, designed to make oil handling simple, safe and more effective.



From single tanks, to entire systems designed to work with all your oils and oil handling equipment.



Most systems are designed for each application and assembled at Y2k. We then ship as turn-key systems with minimal set-up time.



If you have questions or would like more product information, please visit our website or give us a call. 888.925.8882

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