



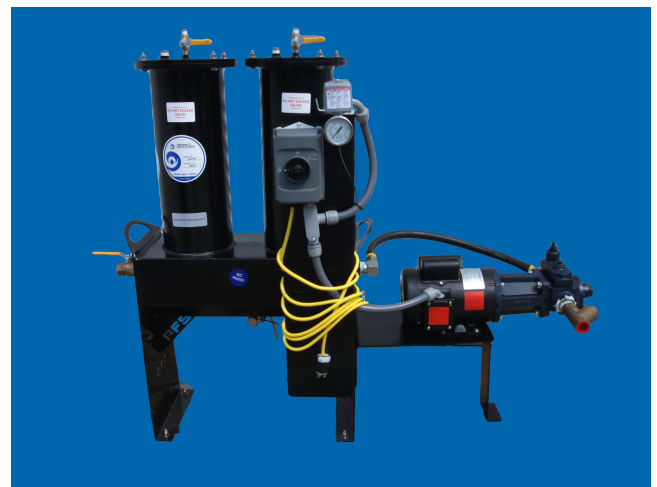
**PERFECT  
FILTRATION**  
S Y S T E M S

## RECLAIMING AND FILTERING OILS SINCE 1981

The Ultimate stationary oil recirculating filtration systems can filter most oil cleaner than brand new fluid. The cellulose depth-type filter media will remove free and emulsified water and the majority of the solid particulates from oils. Used for hydraulic oils, diesel fuels, transformer oils, turbine oils, transmission fluids, gear oils, & other lubricants.

### How do the recirculating systems work?

Systems use coalescing, absorption, and direct interception to remove the water and solid contaminants from the fluid. The fluid is drawn out of the tank by the pump and enters the filtration housing. The fluid immediately changes direction in a downward motion into the coalescing chamber where some very fine stainless mesh material brings the smaller water droplets together and they drop out of the fluid flow to be drained off. Water sight glasses and water drains are provided. The fluid then flows up into one of the filter chambers where the fluid is filtered through a depth-type filter media designed to remove 8-10 pounds of solids. If there is any free water still present in the fluid, the filter element will absorb up to 1 gallon of free and emulsified water before servicing is needed. Once the fluid is filtered it is returned back into the tank. The depth-type filters are available in 3-micron to 15-micron size ranges depending upon the type of fluid you are filtering.



Model 2075-5-ABB

### Models include:

Black powder coated heavy duty bolt down cover coalescing housing, filter(s), ABB motor starter with under voltage trip & overload protection, Square D Hi / Lo pressure switch for safety shut down or manual On/Off switch. Pressure gauge to help monitor filter life, 15 foot power cord, electric motor c-faced to a gear pump with internal relief valve.

### PRODUCT FEATURES AND BENEFITS:

- \*Removes 99.9% of free and emulsified water
- \*Removes the majority of the solids
- \*Longer fluid and filter life
- \*Depth-type filter element
- \*Less downtime
- \*Filters most fluids cleaner than new
- \*Heavy duty steel housing
- \*100 psi Maximum pressure
- \*Cooler running systems
- \*Longer machine life
- \*Less component wear
- \*Run continuously or intermittently
- \*Quick return on your investment
- \*Ultra clean fluid all the time
- \*Easy installation & filter servicing
- \*Ultra clean fluid all the time
- \*Meets OEM cleanliness standards
- \*Fluid will last many years
- \*Water and particle protection
- \*Gauge and water sight glasses
- \*High quality-low maintenance product
- \*Higher system performance



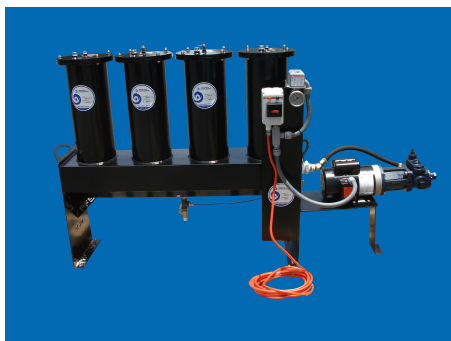
**Model 1075-3**



**Model 2075-5-ABB**



**Model 3075-8-ABB**



**Model 4075-10-ABB**



**Model 5075-15**

MODEL	FLOW RATE	DIMENSIONS W X H X L	WEIGHT	MOTOR HP	OIL TYPE	FILTER	MICRON RATING
1075-1-OF	1 GPM	12" x 55" x 30"	175 LBS	1 HP-120VAC	Gear Oils (ISO 150-220)	#7546	7-MICRON
1075-1-OF	1 GPM	12" x 55" x 30"	175 LBS	1 HP-120VAC	Gear Oils (ISO 320-460)	#7548	15-MICRON
1075-3-ABB	3 GPM	12" x 55" x 30"	175 LBS	1 HP-120VAC	Hydraulic Oils (ISO 32-100)	#7534	3-MICRON
2075-3-ABB	3 GPM	12" x 55" x 42"	275 LBS	1 HP-120VAC	Gear Oils (ISO 150-220)	#7546	7-MICRON
2075-3-ABB	3 GPM	12" x 55" x 42"	275 LBS	1 HP-120VAC	Gear Oils (ISO 320-460)	#7548	15-MICRON
2075-5-ABB	5 GPM	12" x 55" x 42"	275 LBS	1 HP-120VAC	Hydraulic Oils (ISO 32-100)	#7534	3-MICRON
3075-8-ABB	8 GPM	12" x 55" x 54"	400 LBS	1 HP-120VAC	Hydraulic Oils (ISO 32-100)	#7534	3-MICRON
4075-10-ABB	10 GPM	12" x 55" x 66"	500 LBS	1 HP-120VAC	Hydraulic Oils (ISO 32-100)	#7534	3-MICRON
5075-15-ABB	15 GPM	12" x 55" x 78"	600 LBS	1 HP-120VAC	Hydraulic Oils (ISO 32-100)	#7534	3-MICRON

### System options:

\* Suffix B= Pre-filter bag housing installed on the suction side of the pump to help protect the gear pump against wear and extend the life of the depth-type filters.

\* Suffix OF= Manual On/Off switch

\*\* Other motor voltages available (120/240VAC OR 240/480VAC, 3 phase systems do not include Hi/Lo pressure switch)

### Cellulose Depth-type Filter Media

Dimensions: 7" x 19 3/4"

#7534 - 3-Micron. Filter Performance B3<(c)=150

#7546 - 7-Micron. Filter Performance B7<(c)=200

#7546 -15-Micron. Filter Performance B15<(c)=200

Solid Holding Capacity: 8-10Lbs each

Water Holding Capacity: 1 Gallon each

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## CELLULOSE DEPTH-TYPE FILTER

- \* Axial flow between layers of media
- \* Creped cellulose with interlocking layers to remove solids efficiently
- \* Performance to B<3(c)=150, B<7(c)=200, B<15(c)=200 (Per ISO16889)
- \* 99.33% efficient
- \* Very high solid holding capacity= 8-10 lbs per filter
- \* Can achieve very low ISO cleanliness levels
- \* High water holding capacity= 1 gallon per filter
- \* Will absorb free and emulsified water
- \* Can maintain water levels to below 50ppm
- \* Water efficiency 99.9%
- \* Inexpensive high quality product
- \* Long filter life: will last many times longer than conventional pleated paper filters
- \* Most conventional filters will not remove water

DEPTH-TYPE FILTRATION IS KNOWN TO BE THE MOST EFFICIENT FILTERING TECHNIQUE.



**Optional Item:** Pre-filter bag housing with a 5-micron nominal rated polyester felt bag installed on the suction side of the gear pump to help extend the life of the pump and the depth-type filter element.



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