

# HIGH PURITY NORTHWEST INC.



## FTC SERIES FILTER CART

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# FTC SERIES FILTER CART

New oil is not necessarily clean oil. New oil should be filtered as it is being introduced into its application. Filter carts are ideal for filtering new oil or oil in an existing reservoir. Filter carts serve a dual purpose in that they are efficient at transferring fluids and they remove contaminants in the process.



The High Purity Northwest, Inc. FTC Series is industrially designed to offer many years of reliable service. Filter carts move around a lot and are susceptible to abuse, which is why the FTC Series is a durable, well built alternative to others on the market.

The FTC Series utilizes the latest in multi-layered, micro-glass media technology. Filter media is rated to  $\beta_{x(c)} \geq 1000$  as per ISO16889. Water removal media is available with micro-glass for high efficiency water and solids removal. HPNW filter elements include a bypass relief valve to protect against over pressurization.

The FTC Series features a heavy duty filter vessel with swing bolt closure and coreless filter technology. The heavy duty positive displacement gear pump is protected by a y-strainer. The system is powered by an on/off switch and includes 10' power cord. The standard motor is a totally enclosed fan cooled (TEFC) type. All components are contained within a drip pan. A differential pressure gauge monitors filter cleanliness. Standard filter carts ship with 10' of suction and discharge hose with a stainless steel dip wand for a complete filter cart solution.

## APPLICATIONS:

- Filtering New Fluid
- Transferring Fluid
- Conditioning Fluid While in Use
- Complimenting Existing Filtration
- Removing Water and/or Moisture

## FTC NOMENCLATURE

Model	Flow Rate (GPM)	Voltage	Filter Vessel	Filter Media $\beta_{x(c)} \geq 1000$ (x=micron)		Seal Material			
				Particulate	Water & Particulate				
FTC	5	115V	115V/1 Phase / 60 Hz	C518	Accepts (1) 5" x 18" Coreless Filter Element	1	1 W	V	=Fluorocarbon
	10	220V	220V/1 Phase / 50 Hz	C537	Accepts (1) 5" x 37" Coreless Filter Element	2.5	2.5 W	E	=EPDM / EPR
		230V	230V/3 Phase / 60 Hz			3	3 W		
		480V	480V/3 Phase/ 60 Hz			6	6 W		
						12	12 W		
						25	25 W		
						40	40 W		

Example: FTC5-115V-C518/3MV = 5 GPM, 115 Volt / 1 Phase / 60 Hz, 3 Micron Particulate, Fluorocarbon Seals

Standard systems are shipped with 10' of double supported braided synthetic rubber suction and return line hose with Male JIC ends. Systems with EPDM/EPR seals are shipped with EPDM hose.

All systems include a stainless steel dip wand.