



The Most Advanced, Automatic,
Non-Disposable Liquid Filtration System



Zero Gravity Filters Smart Drum Fluid Recovery System

SPECIFICATION SHEET

System	
Housing/Tanks	Stainless Steel 304
Drum Magnet	Dual Magnetic Circuit - permanent, rare earth, neodymium iron boron & ceramic
Magnetic Coolant Roll Housing	Stainless steel 304.
Motor and Gearbox Assembly	24 VDC, 1.9 Amp
Connections: Inlet/Outlet	Inlet: 1.5" MNPT. Outlet: 1.5" MNPT. Overflow/Vent: 2.0" MNPT

Controls	
Turck Controls	Field Logic Controller with 4.3" TFT color display HMI on panel door for program adjustments. Manual purge push button and dome light.

Site Requirements	
Electrical Supply	24 VDC, 2 Amp
Approximate Dimensions	22" x 19.5" x 28" (56 x 50 x 70 cm).
Weight	Dry: 182 lbs (83 kg); Wet: 275 lbs (125 kg)
Approximate Fluid Volume	Upper Tank: 8.1 gallons; Lower Pan: 1.5 gallons

Operating Parameters	
Number of Magnets	(1) Magnetic Drum
Flow Rate	Batch Process—Maximum Flow: 75 gpm. <i>Orifice plate provides flow control.</i>
Operating Pressures	Maximum: 100 psi (690 kPa)
Operating Temperature	Maximum: 170°F (75°C). Higher Temperatures available.
Mode	Batch Process, can be modified for continuous operation
Estimated Energy Consumption	<1.0 kilowatt per day

Options	Standard	Upgrade	Upgrade
Solids Dewatering	None	Spring Tension Adjustable, Wringer Roller	
Safety Guard	None	Painted yellow safety guard	
Motor and Gearbox Assembly	24 VDC	110, 220, or 480 VAC	

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