

SFC-3000

Portable Filtration Cart



Removes Dirt & Water



BEFORE & AFTER

The SFC-3000 is a filtration cart designed to perform superbly within constant industrial or intermittent oil transfer applications. It offers high capacity alongside flexible filter element selection and easy element changeovers.

Extensively specified into:

- Plant Hire
- Steel Production
- Manufacturing
- Automotive industry
- Paper Mills
- And many more

Introduction



The SFC-3000 is a rugged filtration cart designed for constant industrial or intermittent oil transfer use, and more heavy duty than its entry-level counterpart the Sentry. With two housings fitted onto the unit, the SFC-3000 boasts not only a large dirt holding capacity but also the option of staged filtration. This staged process will reduce the frequency you need to change your elements. The dual-filter design also means that you can introduce a water removal element, giving the option to remove both solid and water contamination in a single pass.

Features

- /// Portable, perfect for mobile use
- /// Powerful flow rate options of 18 L/min or 45 L/min
- /// Ideal for use with high viscosity oils
- /// Dual 9" or 14" filter housings for continuous filtration
- /// Rugged frame with integral drip tray
- /// All terrain castor wheels
- /// Uses standard 110 or 240 Vac mains electric
- /// Off-line contamination control



Benefits

- /// Rugged design
- /// Small footprint
- /// Easy to transport
- /// Low cost consumables available in a range of micron ratings
- /// Increased dirt holding capacity
- /// Staged filtration possibilities to reduce element change out
- /// Flexible filter element selection - water removal options available
- /// Simple element changeover
- /// Perfect for replenishing systems with filtered oil and end of production line flushing



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FOR REAL TIME CLEANLINESS
TRENDING AND ARCHIVE CREATION



UK MANUFACTURED

SPECIFIED INTERNATIONALLY



SFC-3000 -TECHNICAL SPECIFICATION

Model	SFC-3000-110-**-FTBXXX		SFC-3000-110-**-14VXXX		SFC-3000-240-**-FTBXXX		SFC-3000-240-**-14VXXX	
	** = 18	** = 45	** = 18	** = 45	** = 18	** = 45	** = 18	** = 45
Width	600 mm		600 mm		600 mm		600 mm	
Depth	520 mm		520 mm		520 mm		520 mm	
Height	1000 mm		1000 mm		1000 mm		1000 mm	
Weight	55 kg		55 kg		55 kg		55 kg	
Frame	Mild steel		Mild steel		Mild steel		Mild steel	
Finish	Powder coat		Powder coat		Powder coat		Powder coat	
Voltage	110 VAC		110 VAC		240 VAC		240 VAC	
Current	7 Amps		7 Amps		4 Amps		4 Amps	
Power	0.55 kW		0.55 kW		0.55 kW		0.55 kW	
Overload	7-10 Amp		7-10 Amp		4-6 Amp		4-6 Amp	
Starter contactor	Yes		Yes		Yes		Yes	
Pump	Gear		Gear		Gear		Gear	
Duty Cycle	Continuous		Continuous		Continuous		Continuous	
Filtration	Dual 9" FTB housing		Dual 14" RLT housing		Dual 9" FTB housing		Dual 14" RLT housing	
Internal Bypass	Cracking 40 psi (2.8 bar) Full Flow 75 psi (5.2 bar)		Cracking 40 psi (2.8 bar) Full Flow 75 psi (5.2 bar)		Cracking 40 psi (2.8 bar) Full Flow 75 psi (5.2 bar)		Cracking 40 psi (2.8 bar) Full Flow 75 psi (5.2 bar)	
Filter Indicator	Dual Mechanical pop-up		Dual Mechanical pop-up		Dual Mechanical pop-up		Dual Mechanical pop-up	
Pressure	10 bar max		10 bar max		10 bar max		10 bar max	
Temperature	-5°C - 80°C		-5°C - 80°C		-5°C - 80°C		-5°C - 80°C	
Flow	18 l/min	45 l/min	18 l/min	45 l/min	18 l/min	45 l/min	18 l/min	45 l/min
Viscosity	320 cst max		320 cst max		320 cst max		320 cst max	
Environment	IP55		IP55		IP55		IP55	
Connections	1" BSP 60° Cone (M)		1" BSP 60° Cone (M)		1" BSP 60° Cone (M)		1" BSP 60° Cone (M)	
Inlet hose	3m 1" single wire 1m lance, 250 micron strainer		3m 1" single wire 1m lance, 250 micron strainer		3m 1" single wire 1m lance, 250 micron strainer		3m 1" single wire 1m lance, 250 micron strainer	
Outlet hose	3m 1" single wire 1m lance		3m 1" single wire 1m lance		3m 1" single wire 1m lance		3m 1" single wire 1m lance	

FILTER ELEMENTS

Model	SFC-3000-110/240**-FTBXXX	SFC-3000-110/240**-14VXXX
Rating	Replace FTBXXX with	Replace 14VXXX with
1 micron absolute	9VZ1	14VZ1
3 micron absolute	FTB-03	14VZ3
5 micron absolute	FTB-05	14VZ5
10 micron absolute	FTB-10	14VZ10
25 micron absolute	FTB-25	14VZ25
150 micron recleanable	9VM150	14VM150
Water removal	9VW	14VW



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