

SFC-3000 Portable Filtration Cart



Removes Dirt & Water



BEFORE & AFTER

Extensively specified into:

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

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.

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

- 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





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 |