

SENTRY

Portable Filtration Cart



The Sentry is a lightweight filtration cart designed to perform superbly within constant industrial or intermittent oil transfer applications. It offers a flow rate of 25L/min alongside flexible filter element selection and easy element changeovers.

Extensively specified into:

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

Introduction

The Sentry is a light duty filtration cart designed for constant industrial or intermittent oil transfer use. Fitted with a high quality housing, the Sentry boasts not only a high dirt holding capacity but also simple element changeovers. Use your Sentry to ensure that your oil will be clean and ready for use at anytime.

Features

- Lightweight and portable, perfect for mobile use
- Up to 25 L/min flow rate
- Ideal for use with high viscosity oils
- Range of micron rating options available
- Clean oil to ISO cleanliness codes of 14/12/9 - 13/11/18
- Rugged frame with integral drip tray
- All terrain castor wheels
- Uses standard 110 or 240 V mains electric
- Off-line contamination control

Benefits

- Low initial and consumable costs
- Rugged design
- Small footprint
- Easy to transport
- Simple to use
- Perfect for replenishing systems with filtered oil and end of production line flushing



SENTRY - TECHNICAL SPECIFICATION

Model	SFC-SEN-110-FTB-6-10	SFC-SEN-240-FTB-6-10
Flow Rate	25 L/min max	25 L/min max
Dimensions	420 mm (W) 450 mm (D) 1000 (H)	420 mm (W) 450 mm (D) 1000 (H)
Weight	28.5 KG	28.5 KG
Frame	Mild steel	Mild steel
Finish	Powder coat	Powder coat
Voltage	110 VAC	240 VAC
Current	12.7 Amps	12.7 Amps
Power	0.75 Kw	0.75 Kw
Pump	Vane	Vane
Duty Cycle	Continuous	Continuous
Filtration	Single 6" SRLT housing	Single 6" SLRT housing
Internal Bypass	Pump: Adjustable to 85 psi (6 bar) Filter: Cracking 40 psi (2.8 bar) Full flow: 55 psi (3.8 bar)	Pump: Adjustable to 85 psi (6 bar) Filter: Cracking 40 psi (2.8 bar) Full flow: 55 psi (3.8 bar)
Filter Indicator	Mechanical pop-up	Mechanical pop-up
Pressure	85 psi (6 bar)	85 psi (6 bar)
Temperature	-10°C - 60°C	-10°C - 60°C
Viscosity	320 cst max	320 cst max
Environment	IP55	IP55
Connections	3/4" BSP 60° Cone (M)	3/4" 60° Cone (M)
Inlet hose	3m 3/4" single wire	3m 3/4" single wire
Outlet hose	3m 3/4" single wire 1m lance	3m 3/4" single wire 1m lance

FILTER ELEMENTS

Rating	Replace 6RXXX
1 micron absolute	6RZ1
3 micron absolute	6RZ3
5 micron absolute	6RZ5
10 micron absolute	FTB-6-10
25 micron absolute	6RZ25
3 micron nominal	6R3
10 micron nominal	6R10
100 micron nominal recleanable	6RM100
Water removal	6RW