

FRB-GLY-50-240 Mobile Water Glycol Filtration Unit



The FRB-GLY-50-240 is a mobile filtration solution designed to provide quick and efficient clean-up of water glycol solutions in small to medium systems. A rugged, self-priming pump delivers a 50 L/min flow through a 2 stage filter arrangement.

Suitable for industrial applications such as:

- **Process Plants**
- **Brewery / Distilleries**
- **Dairies**
- **Confectionary Production**
- **Hospitals**
- **Anodising Plants**

Introduction

The FRB-GLY-50-240 mobile filtration unit is designed for continuous use or transfer duties on water and water based glycol solutions. A rugged self-priming pump provides filtration flow rates up to 50L/min. Dual stage filtration uses a high power neodymium magnet first to remove bulk ferrous contamination, followed by a high capacity bag filter cell with elements available down to 1 micron absolute.

Features & Benefits

- Self-priming multi-stage pump 50 L/min
- Ideal for use with water and water/glycol solutions.
- 2 stage filtration.
- Absolute rated filter elements down to 1 micron
- Massive 5Kg dirt holding capacity
- Simple controls with push button START/STOP and E-Stop
- LED indication of blocked filter interlocked with the pump
- Sample points pre and post filtration
- Gauges for pump pressure and remaining filter life.
- Compact mobile design that will fit through a standard doorway



Technical Specifications

Model	FRB-GLY-50-240
Width	500mm
Depth	650mm
Height	700mm
Weight	Approx 70Kg
Frame	Mild Steel
Finish	Powder coat
Wheels	100mm dia solid tyres x2 swivel / x2 swivel + lock
Voltage	240VAC / 50Hz / 1P
Current	4.5A
Power	0.67kW
Pump	Self priming multi stage horizontal
Duty Cycle	Continuous
Filtration	x1 10" neodymium magnet x1 Size 1 bag filter housing
Filter Indicator	Visual gauge with electrical switch and LED panel indication.
Pressure	80 psi (5.5 Bar) max pressure (pump relief)
Temperature	-10....+60°C
Flow	50 L/min
Environment	IP55
Connections	1" BSP (M)
Additional	Oil sample points pre and post filtration.
Optional	UV light disinfection unit.

Also available in a static unit.

FILTER ELEMENT OPTIONS	
Micron	Part Code
100	FT-19PP100-2GYEP
50	FT-19PP050-2GYEP
25	FT-19PP025-2GYEP
10	FT-19PP010-2GYEP
1	FT-19PP001-2GYEP
1 HIGH EFFICIENCY	FT-19HE001-2GYEP
1 ABS	FT-CE-02-Z01-ZV