Filtertechnik

KLU-01
Kidney Loop Unit



The **KLU** is a filtration unit designed to perform on both constant fixed installation or intermittent transfer/off-line 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 KLU-01 is a free standing oil filtration system, it is fitted with a GK9 3-stack filter housing which uses GeoSeal filter media, the self-priming gear pump can deliver oil up to 30 L/min.

A Pop-up indicator fitted at the base of the filter housing, will inform the user when the filter media is blocked. The system is designed to run on 230v 1 PH Supply, with a DOL (Direct On-line) push button starter.

The connection ports are ¾" BSP male.

Features

- Base-ported filter provides easy element service
- Powerful flow rate options of 30 l/min
- Ideal for use with high viscosity oils
- Single 27" filter elements for high DHC
- D5 dirt alarm indicates when filter elements is full
- Options for 1,3,5,25 micron elements

Benefits

- Small footprint
- Easy to transport
- Low cost consumables available in a range of micron ratings
- Increased dirt holding capacity

Specifications

Specification	Detail
Dimensions	(w)592 mm x (d)328 x (h)903 mm
Weight	45 kg
Finish	Powder coated RAL 5004 Blue Black
Frame material	Carbon Steel Frame
Voltage	230 VAC 1pH or 415 VAC 3pH
Frequency	50 Hz ±2%
Current	13/16 Amp supply
Power	1.1 kW
Pump	Self-Priming Gear Type
Duty cycle	Continuous
Noise level	<70dB @ 1 meter
Fluid compatibility	Mineral oils
Motor protection	Automatic thermal switch
Filtration	Particulate removal
System bypass	Integral To Pump (6 Bar)
Filter indicator	Pop Up Indicator (Base Of Filter Housing)
Pressure	6 Bar max
Fluid temperature	-5 to 80°C
Flow	Up to30 L/min
Fluid type	Oil
Environment	IP55
Connections	1" BSP connections c/w Isolation Valves

Dimensions

