Filtertechnik

BDU-1 Fuel Polishing System

Coalescing element removes water, and particulate down to 5µm absolute



The BDU-1 is a great on tank system for fuel, HVO & Biodiesel blends. The BDU-1 removes both particulate and water to keep fuels clean and dry. Coalescing element removes water, and particulate down to 5µm absolute.

Introduction

The BDU-1 Fuel Polishing System is a compact wall-mounted fuel polishing cabinet explicitly designed to remove particulate and water contamination from stored fuel by continuously circulating the fuel in the tank.

Features

- Compact wall-mounted unit
- Easy to install backplate
- Flow rates of up to 75 l/min
- High volume dirt holding capacity to deliver ISO cleanliness codes of 18/16/13 or lower
- Coalescing filtration to remove water
- Electrical indication of filter changeout
- Water drain valve on sump of filter housing
- HDMI touch screen display WITH programming for alarm outputs
- Safety features as standard; emergency stop, beacon alarm & float switch
- Suitable for most diesel, HVO and biodiesel (B100)

Benefits

- Clean, dry fuel, ready for use when required
- Recover and reuse contaminated fuels
- Low running costs
- Can be moved between tanks or dedicated to a single tank
- Ideal for tank cleaning and fuel recovery

Specifications

Specification	Detail
	BDU-1
Dimensions	(w)767 mm x (d)320 mm x (h)850 mm
Weight	70kg
Frame	Mild Steel
Finish	Powder Coated RAL 5004 (Black Blue) Satin
Voltage	230VAC 1P
Frequency	50 Hz (+/-2%)
Current	3.5 Amps
Power	0.5 kW
Pump type	Self Priming Gear Type
Flow rate (max)	Up to 75 ltr/min
Fluid Type	Diesel Fuel
Viscosity range	2 to 50 cSt
Duty Cycle	Continuous
Filtration	1 x 12” Coalescing Filter
Filter blocked indicator	Electrical Switch
Filter bypass	2.8 bar (40 psid) (Each Housing)
Connections	1” BSP Male Connections – c/w Isolation Ball Valves
Ambient temperature	-10°C to +55°C
Maximum humidity	90% relative humidity, non-condensing
Environment	IP55

Dimensions

