

# FIRST FOR TANK POLISHING

Filtertechnik OTU-1 On tank fuel polishing unit: Next Generation efficiency, delivering the ultimate in fuel cleanliness performance for fuel storage



How clean is your fuel?

When fuel is stored for an extended period, degradation is inevitable which is why our on tank fuel polishing units are designed to keep your fuel clean, dry and ready for use at all times. With cleanliness levels of ISO 18/16/13 or better and water removal below 200ppm, you know your fuel is in safe hands!

## Extensively specified into:

- /// Data Centres
- /// Financial Services
- /// Health Care
- /// Telecommunications
- /// Government Departments
- /// Broadcasting and Media

# THE NEXT GENERATION



## Introduction

Stored fuel will deteriorate over time due to oxidisation and microbial activity of tank stored fuel. Tank storage is more susceptible to microbial activity as sludge is often found at the bottom of these tanks. With this in mind Filtertechnik have developed a new range of fuel polishing units specifically for tank polishing: On tank units. The OTU-I is a compact wall mounted fuel polishing cabinet designed specifically for the removal of particulate and water moisture contamination that can accumulate in stored fuel over time. With dual particulate and water removal and flow rates of up to 90 l/min the OTU-I will leave your fuel ready for use anytime.

## FEATURES

- /// Compact wall mounted unit
- /// Stainless steel cabinet enclosure
- /// Flow rates of up to 90 l/min
- /// High volume dirt holding capacity to deliver ISO cleanliness codes of 18/16/13 or better
- /// Extensive selection of filter cell inserts to suit every clean-up application
- /// Differential pressure gauge indication of system performance
- /// Water drain valve on sump of filter housing
- /// Rugged frame with integral drip tray
- /// Safety features as standard; emergency stop, beacon alarm & float switch
- /// Suitable for most diesel, kerosene 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
- /// Single pass cleanliness
- /// Ideal for tank cleaning and fuel recovery
- /// Optional real time analysis of oil/fuel cleanliness levels enabling cleaning to a pre-set ISO level
- /// Ideal for remote facilities



OTU-I Stainless Steel



CONNECT TO YOUR PARTICLE PAL  
FOR REAL TIME CLEANLINESS,  
TRENDING AND ARCHIVE CREATION

**Filtasorb 2**  
Next generation  
Water absorbent filtration media







**UK MANUFACTURED**

*SPECIFIED INTERNATIONALLY*



**OTU-I**

**TECHNICAL SPECIFICATION**

<b>Model</b>	OTU-I
<b>Dimensions</b>	1000 mm (W) 300 (D) 1000 (H)
<b>Flow Rate</b>	Up to 90 L/min
<b>Dry weight</b>	75 Kg
<b>Frame</b>	Stainless Steel
<b>Finish</b>	Brushed
<b>Voltage</b>	240 VAC $\pm 5\%$
<b>Frequency</b>	50 Hz $\pm 2\%$
<b>Current</b>	6 Amps
<b>Switch</b>	Overload contactor
<b>Power</b>	1.38 KW
<b>Overload</b>	4-10 Amp
<b>Pump</b>	Self priming volumetric rotating vane pump
<b>Duty Cycle</b>	Continuous
<b>Noise Level</b>	<70dB @ 1 meter
<b>Motor Protection</b>	Thermal overload protection
<b>Primary filtration</b>	Filter cell for particulate & solid contamination to 18/16/13 or better
<b>Bypass (Pump)</b>	38 psi (2.6 bar)
<b>Filter Indicator</b>	Panel indicator / xenon beacon
<b>Pressure</b>	6 bar max
<b>Temperature</b>	-10°C - 90°C
<b>Medium</b>	Diesel
<b>Environment</b>	IP55
<b>Connections</b>	1" BSP Ball valves