



Filtration made easy...



Purifiner

www.largoplantservices.co.uk

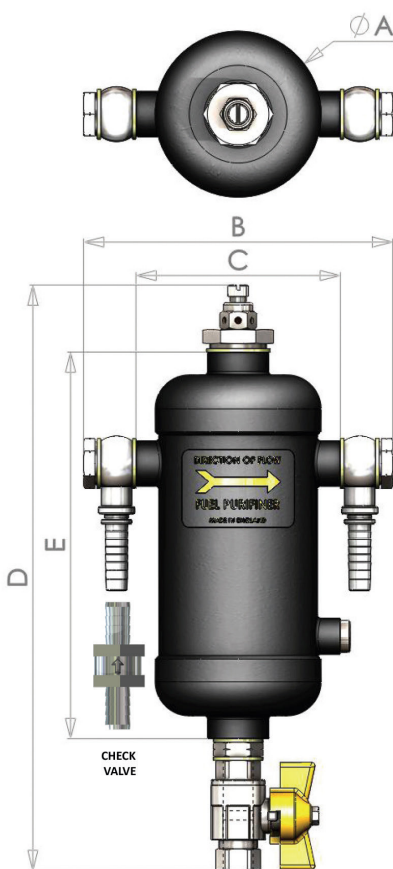


Filtration made easy...

Keeping your diesel engine free from water and other contamination is paramount if you want to ensure that your engine operates for as long as possible at the optimum level.

Although this may seem like a difficult task, we're pleased to say it isn't if you purchase a fuel Purifier from us here at Largo. Did you know that the fuel Purifier will remove water and other solid particles from the dirtiest of fuel.

The importance of having clean oil being pumped into your engines should never go underestimated. The price of a fuel Purifier in comparison to the price of fixing, or replacing an engine is extremely small!



Dimensions (mm)	FP100	FP200	FP500
A	73	118	118
B	135.85	180.30	180.30
C	89.85	134.30	134.30
D	257.50	277.50	387.50
E	170	190	300

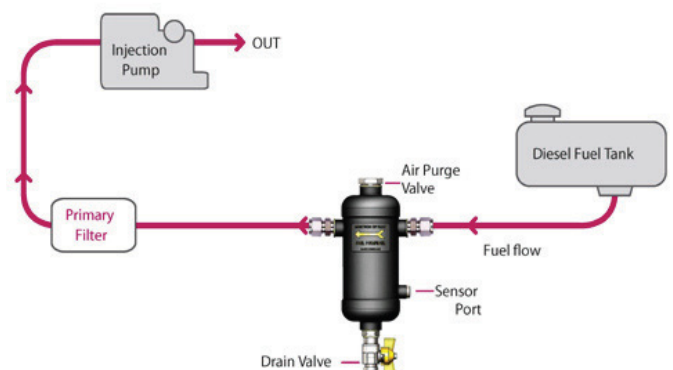
NOTE: Dimensions "B" and "D" are typical and may vary depending on the fittings kit used

Model	Max Engine Power (hp)	Max Engine Power (kW)	Max Flow Rate (Ltr/Min)
FP100	100	73.5	1.9
FP200	200	147	6
FP500	500	368	10

NOTE: hp/kW figures are as a guide only. Fuel flow figures vary considerably depending on fuel system type and manufacturer. Always ensure Fuel Purifier model is matched to engine fuel flow (consult engine manufacturers data sheet for maximum fuel flow).

HOW IT WORKS

When the fuel enters the unit the baffles in the system immediately induce a swirling action, which causes water and solid contaminants to separate out of the fuel. The contaminants sink to the base of the unit where they are retained - the contaminants are simply drained and disposed of when the system is full. An optional sensor with buzzer can be supplied to indicate this.



FP100



HP Guide	100 HP
IN/OUT Ports	14mm
Top Port	M20 Bleed Value
Drain Valve Bottom Port	14mm Ball Valve
Width/Length	70mm x 170mm
Bracket	Seperate
Empty Weight	.90kg

FP200



HP Guide	200 HP
IN/OUT Ports	14mm
Top Port	M20 Bleed Value
Drain Valve Bottom Port	14mm Ball Valve
Width/Length	115mm x 200mm
Bracket	Seperate
Empty Weight	1.60kg

FP500



HP Guide	500 HP
IN/OUT Ports	3/4 BSP
Top Port	M20 Bleed Value
Drain Valve Bottom Port	14mm Ball Valve
Width/Length	115mm x 320mm
Bracket	Seperate
Empty Weight	2.25kg

FP800



HP Guide	800 HP
IN/OUT Ports	1" BSP
Top Port	1" Bleed Value
Drain Valve Bottom Port	1" Lockable Ball Valve
Width/Length	115mm x 406mm
Bracket	Seperate
Empty Weight	2.85kg

FP1000



HP Guide	150 HP
IN/OUT Ports	1 1/2" BSP
Top Port	1" Bleed Value
Drain Valve Bottom Port	1" Lockable Ball Valve
Width/Length	183mm x 530mm
Bracket	Fixed To FP
Empty Weight	9.47kg

FP1500



HP Guide	200 HP
IN/OUT Ports	2" BSP
Top Port	1" Bleed Value
Drain Valve Bottom Port	1" Lockable Ball Valve
Width/Length	183mm x 960mm
Bracket	Fixed To FP
Empty Weight	13.25kg

WARNING: INCORRECT FITTING OF FUEL HOSE OR POOR ASSEMBLY OF COMPONENTS CAN RESULT IN LEAKING OF DIESEL OR AIR BEING DRAWN INTO THE FUEL LINE

Maintenance

Purifier (Below Fuel Tank)

- Loosen Vent Plug until the 1.5mm bleed hole is just showing above the boss
- Air should leave the Fuel Purifier as diesel is fed into the unit
- Diesel will be seen emerging from the vent once the unit is fully primed
- Tighten the bleed plug of the vent
- Bleeding at another point in the system may be required
- Open the drain Valve 2-3 times a week and remove any water which may have been collected

Purifier (Above Fuel Tank)

- Remove the Vent Plug from the Fuel Purifier
- Using a measuring jug, pour diesel into the Fuel Purifier until the unit is full
- Reassemble the Vent Plug and tighten
- Bleeding at another point in the system may be required
- Open the drain Valve 2-3 times a week to remove any water which may have been collected.

As the Purifier is located above the fuel tank, the units must be primed again using the above procedure

What Customers Say...

"Holt JCB have been fitting the MLS purifier over the past five years, during this time we have seen a 95% reduction in replacing injector pumps due to water / contamination damage on any machines fitted with the MLS purifiers."

- **Group Parts Manager, Holt JCB**

"The treatment of the fuel and polishing has had a major effect in reducing our downtime by 90%. This has proved a significant cost saving in both labour and hire fees."

- **Taplin Pant Hire**

"Grayline Coaches have found that fitting the MLS Purifier has not only given us peace of mind on the quality of diesel our engines use, we have recorded lower exhaust emissions improving our green statistic for the environment."

- **Grayline Coaches, Bicester**

"Customer savings in relation to fuel are very significant. When a fuel related breakdown occurs, the fuel tank has to be drained and the fuel disposed of. On bigger machines this can be fuel up to the value of £250 wasted. By fitting the MLS FP we have reduced fuel wastage and have seen several other benefits"

- **Business Development Manager, Holt JCB**



Filtration made easy...

1a Station Road
Lenwade
Norwich
Norfolk
NR9 5LY

T +44 (0)1603 870959
F +44 (0)1603 879803
E info@largo-grp.com



Find Us...



Speak to one of our advisors today, about how a Purifier can benefit your business