



Alberta Diesel Dialysis

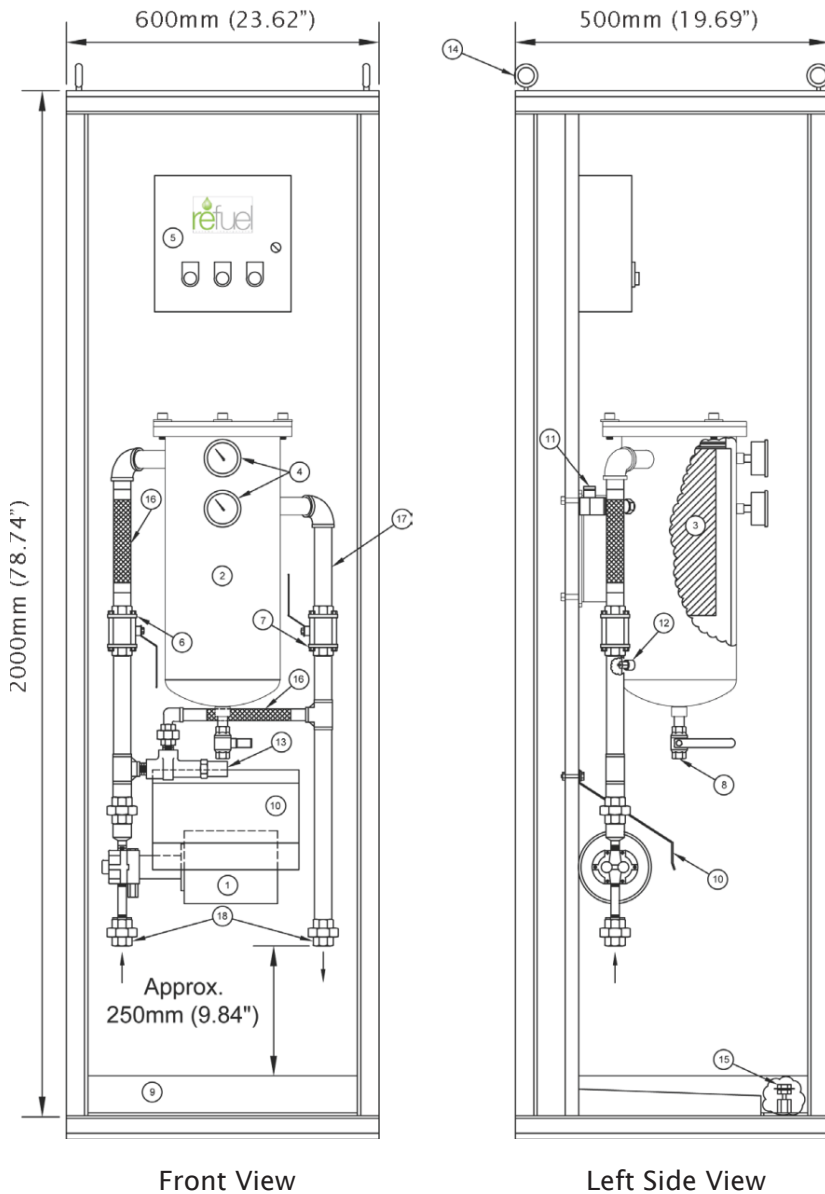
Our Program offers a comprehensive fuel management program that combines Ultra Low Sulphur Diesel filtration media, hardware, a comprehensive preventative maintenance program, lifetime warranty while enrolled in **Alberta Diesel Dialysis** Program, and yearly independent compliance testing.

Quality is our highest priority

The Refuel filter is specifically designed to address problems associated with emulsified water and biodiesel blended fuels, as well as to capture particulate down to 0.5 of a micron. This filtration system will eliminate microbial growth, free standing and emulsified water and particulate below 1 micron, without the use of additives or conditioners.



Indoor Units	RSI - IN10
Tank Filtration Capability	10,000 - 20,000L (2,641.72 - 5,283.44gal)
Enclosure (height excludes lifting hooks which come standard on all units)	Height 2,000mm (78.74") Width 600mm (23.62") Depth 500mm (19.69")
Weight	Approx. 160 Kgs (350 lbs)
Electrical Requirements	120V / 1ph / 60Hz 15A dedicated circuit
AC Motor	1/3 hp continuous duty motor
Pump Body	Bronze
Gears	Bronze
Shaft	Stainless Steel
Flow Rate	31.04 lpm (8.2gpm)
Sensors and Controls with PLC	Water Detection, Pressure Differential, thermal over load protection, leak detection float switch (Drip tray capable of holding 6 liters, float switch trips at .5 of a liter).
Indicator Lights	System on and System Fault / Warning
Approvals (CSA) etc.	CSA / UL Control Panel System prewired by licensed electrician
Filter	ULSD/Bio Blend 0.5 micron filter element
Pump Pressure	Operational 41.37 kPa (6PSI) max pressure 68.95 kPa (10PSI)
Warranty	Lifetime while under Refuel Systems Maintenance Program



NO.	Description
1	Continuous Duty Pump
2	Stainless Steel Filter Canister
3	ULSD / Bio Fuel Filter Element
4	Liquid Filled Pressure Gauges
5	Control Panel (C.S.A. Approved)
6	Inlet Isolation Valve - 25mm (1")
7	Outlet Isolation Valve - 25mm (1")
8	Water Drain Valve 12.5mm (1/2 ")
9	Stainless Steel Drip Tray
10	Stainless Steel Splash Shield
11	Pressure Transmitter
12	Water Sensor
13	Pressure Relief Valve - 12.5mm (1/2")
14	Lift Points
15	Float Switch
16	Stainless Steel Braided Flexline
17	Stainless Steel Welded Piping - 25mm (1")
18	Stainless Steel NPT Union - 25mm (1")

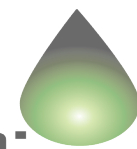
Refuel filtration systems are constructed from high grade materials and adhere to the highest quality control standards. All models are built using stainless steel filter housings, NEMA rated enclosures, UL listed and CSA certified components. Stainless steel socket welding is used to prevent contamination transfer and to eliminate the risk of leakage.

The Refuel Systems controller is fully automated for ease of operation. They are capable of remote monitoring and integration into building controls. The controller monitors pressure differentials, thermo overload protection, water detection and leak detection.

Refuel Systems has engineered their products to meet and exceed all standards set forth by CSA C282-09, National Building Code of Canada, National Electrical Code and National Fire Codes. Refuel Systems single pass stand-alone design eliminates potential issues with inline filters and reduces both potential points of failure and the costs associated with ongoing maintenance.

For more information visit us online at

www.albertadieseldialysis.com



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