



Series 6623 : Fuel Consumption Monitor

For Cummins High Horse Power QSK Series Engines
1500 - 3000 HP Engines.



Technical Specifications

Flow Measurement Range	: 60-1500 LPH.
Accuracy	: ± 0.5 % of reading
Service	: HSD / LDO / MDO
Operating Temp.	: 0-95° C
Display	: 8 digit display LCD Fuel Totaliser - 9999999.9 Lit. Resettable - 9999999.9 Lit. Non resettable - 9999 LPH Instant Flow rate
Port Size	: Inlet / Outlet / Return : 1" BSPF
Power Supply	: 12V/24V DC from Cranking Battery.
Pressure drop	: 1" of Hg at 1500 LPH consumption on Diesel fuel
Serial Output	: RS 485 MODBUS RTU.
Mounting	: MS fabricated frame for ground mounting.

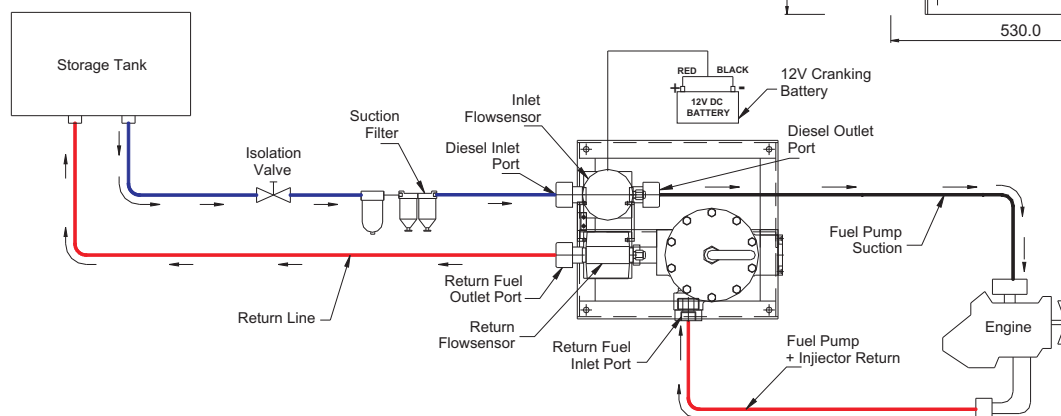
Introduction

The Series : 6623 Fuel Monitor is a Single Solution to suit the net consumption requirements of 1500-3000 HP Cummins QSK Series High Horse Power Engines. The unit is provided with two separate Flowsensors each for measuring the Diesel input and the return output to and from the Engine. The return fuel is thoroughly deairedated before being measured by the Return Flowsensor. A Micro controller based Display with accurately measures the differential of both Flowsensors to provide the net consumption of the engine. A 12/24V DC Powered LCD display with RS 485 Serial Output is most ideal solution for interfacing the Unit with BMS or SCADA Systems.

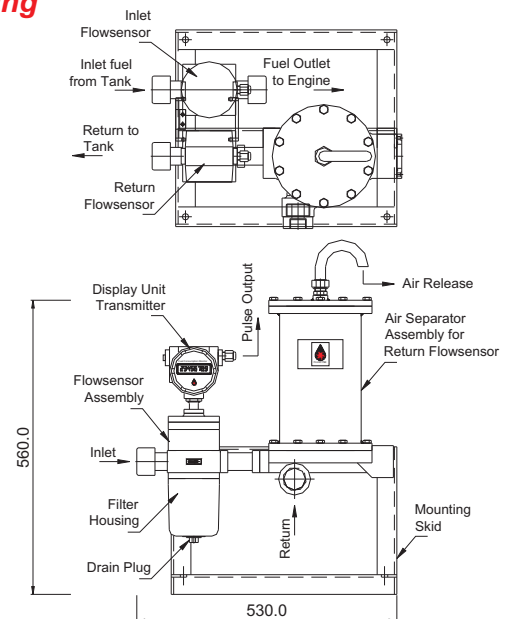
Design Features

- Suitable for Cummins QSK Series Engines.
- Engine Rating 1000 - 3000 KVA.
- Accuracy Guaranteed Over 60 - 1500 LPH Flow Range.
- Independent Flowsensor for Input and Return Fuel.
- High Capacity Air separator for Return Fuel deaireation.
- Operation on 12/24V DC Supply from Engine Cranking Battery.
- RS 485 Serial Data Output for external interfacing.

Typical Installation Drawing



Detail Drawing



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