



MAIN TANK FILTRATION SYSTEM

1. Outdoor, weatherproof, pad-mountable enclosure, also suitable for indoor installation. 2-inch NPT.
2. On-board, integrated digital controller with MODBUS communication
3. Inlet, outlet ball-type shutoff valves
4. Check valve
5. Pressure/vacuum gauges
6. Pressure transducers, flow switches, water detector.
7. Circulation pump, 10-50GPM and 0.75 – 5.0 HP
8. Filtration elements:
 - a. Strainer, 100 mesh
 - b. Pre-filter, 5 micron
 - c. Final filter, 2 micron
 - d. Water coalescer, separator, 10PPM



RECEIVING TANK FILTRATION SYSTEM

This is a static system inserted in the transfer line from the SmartPump to either an intermediate receiving tank of the bulk fuel storage tanks. Whenever fuel is transferred, filtration occurs. There is no active control as part of this system. This system consists of the following principle elements:

1. Filter-separator, nominal 300 GPM. 10-micron particulate filtration. 10PPM water coalescing/separation
2. Inlet and outlet shutoff valves
3. Filter differential pressure gauge and contacts
4. Water detection sensor and contacts

