

PURIFIRE® 4S10F MODULE

FIRE TRUCK INTEGRATED WATER PURIFICATION MODULE

The PuriFire® 4S10F is a patent-pending, 4-stage fire apparatus integrated water purification system. It utilizes the fire pump to feed the water purification unit. This unit utilizes sediment filters, UF membrane filters, carbon filters, UV and Ozone devices to remove toxic substances from floodwater. Key components of this unit are NSF certified, which guarantee the best purification ability and safety to human health.

FIREFIGHTING CAPABILITIES

- NFPA fire pump ratings from 500-3000 gpm
- Split shaft (midship) and PTO driven fire pump modules available
- Top mount side mount modules available
- Fully customizable fire pump module configurations

STANDARD FEATURES

- Power Source: Fire pump/chassis engine
- Purification Process: 4 stages
- Disinfection: Ultraviolet light and ozone
- Capacity: 10 gpm
- Operating Pressure: 60 psi
- Screen strainer
- Pleated or dual-gradient filter

SPECIFICATIONS

- Capacity: 12,000 gallons per day of potable water
- Maximum Feed Water TDS Level: 500 ppm
- Feed Water Pressure Limit: 60 psi
- Graded Density Sediment Filters: 20 micron
- Carbon Filter: 0.5 micron
- UF Membrane Filters: 0.2 micron
- Radial Flow Carbon Filter: 25 micron
- Ultraviolet Device: 22 gpm, 120 VAC, 125 psi
- Ozone Venturi Injector: 1", 200 psi
- Solenoid Flush Valves: 12 vdc, 150 psi

BENEFITS

- Fire truck integrated
- Easy to use and service
- Double disinfection stages
- Easy to retrofit existing Darley pump module to a PuriFire® 4S10F



Officer's Side



Operator's Side

Side Profile