



21 - UNITS



ULTRA-HIGH PRESSURE PUMP

EJM triplex plunger ultra-high pressure pump shall be provided.

- 10 gallons per minute at 1450 PSI
- Die cast aluminum crankcase
- Stainless steel valves and seats
- Chrome-moly crankshaft
- Oversized bearings
- Brass inlet manifold
- Stainless steel discharge manifold
- Specially formulated high pressure seals
- Pump cylinders are ceramic lined

**SHIPPED:
MARCH, 2015**

OPERATOR CONTROL PANEL

- Tank to Pump Valve
- Regulating Un-Loader
- Easy start by pass valve
- Foam Proportioning Valve
- System Pressure Gauge
- Foam Agent On / Flush Valve





ULTRA-HIGH-PRESSURE HOSE REEL – (MANUAL RE-WIND)

One (1), Ultra-High Pressure hose reel shall be provided. The reel shall be capable of storing 165 feet of .50" ultra-high pressure hose. The reels shall be rated for 4,000 psi working pressure. A nylon hose guide assembly shall be provided for the reel. The ultra-high pressure hose reels shall be mounted on the upper portion of the pump frame.

ULTRA-HIGH PRESSURE HOSE

The reel shall be equipped with 165 feet of .50" ultra-high pressure hose.

ULTRA-HIGH PRESSURE NOZZLE – (SMALL)

The ultra-high pressure hose shall terminate with a high pressure nozzle assembly, stored near the hose reel. The nozzle shall have three (3), patterns:

- 1) A "DRY FOAM" setting with a minimum pattern width of 3 feet and 30 ft length for heavier foam applications.
- 2) A "WET FOAM" setting with a minimum pattern width of 65° and 18 ft length for wet foam applications.
- 3) A "WET FOAM" straight stream "HIGHLY ATOMIZED" setting capable of discharging a minimum distance of 40 feet.

The discharge type shall be selected by rotating the nozzle to the desired position. The nozzle shall be connected to the hose with a quick-disconnect type coupling to allow easy removal for storage or maintenance.

**10 GPM
1450 PSI**



PUMP ENGINE

The ultra-high pressure pump shall be powered by a 16 HP Briggs & Stratton gasoline engine.

Engine Type:	Air-cooled 4-stroke OHV – (V-Twin)
Bore & Stroke:	68 mm x 66 mm
Displacement:	479 cm ³
Net Power Output:	16 Horse Power @ 3600 RPM
PTO Shaft Rotation:	Counterclockwise - (from PTO shaft side)
Compression Ratio:	8.2:1 – (Mechanical compression release)
Carburetor:	Single barrel, float feed
Ignition System:	Magnetron
Starting System:	Electric – (Recoil back-up)
Lubrication System:	Full pressure with spin on oil filter
Governor System:	Mechanical
Air Cleaner:	Dual element
Fuel Capacity:	1.5 US Gallons – (3.7L)
Oil Capacity:	57.5 Oz. – (1.7L)
Fuel:	Gasoline
Dry Weight:	72 lbs.
Dimensions:	Length – 10.98" Width – 16.14" Height – 17.24"



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