

Specifications for a ____ gal. Fire Suppression 'L' Shaped UTV Skid Unit

MINIMUM REQUIRED SPECIFICATIONS		YES	NO
<u>TANK</u>			
*	1. ____ gal 'L' Shaped Low Profile polypropylene water tank		
*	2. Dimensions: 47" wide x 42" long x ____" high		
	3. 'L' shaped tank design provides low center of gravity yet allows pump cavity to be naturally flooded.		
	4. 1/2" thick top and walls black textured UV resistant polypropylene		
	5. 3/4" thick floor/pump platform in black textured UV resistant polypropylene		
	6. 3/8" thick minimum polypropylene baffles to NFPA standards		
	7. Lifetime Factory Warranty		
	8. Driver-side tank top shall have a 3/4" thick mounting pad.		
	9. Driver-side rear full height white poly sight gauge.		
	10. Minimum 5" diameter tank fill/vent		
	11. 1" Diameter FNPT fill port		
	12. 2" Oversized Diameter FNPT drain port		
	13. 1 1/2" diameter FNPT suction plumbed internally to dead center of tank then elbowed down.		
	14. Pump platform shall be designed to deflect pump noise away from operators.		
	15. Tank constructed in U.S.A.		
<u>PUMP</u>			
	1. Mounted on tank floor so pump cavity is naturally flooded with water.		
*	2. Wick 100-4H or equivalent. Wick 80-4H or equivalent Wick 100G or equivalent		
	3. Centrifugal clutch		
	4. Minimum 2.5hp, 4-stroke air cooled Honda motor with integral fuel tank.		
	5. 1 1/2" NPSH suction, 1 1/2" NPSH Discharge		
	6. Single stage pressure pump. Psi: <u>100</u> , Gpm: <u>70</u>		
	7. Maximum 21 lbs		
	8. Quick disconnect from skid using only a spanner wrench.		
	9. Draft capable		
	10. Hand primer		
	11. 1 1/2" x 8ft. Clear Suction Hose w/foot valve strainer		
	12. Pump shall be mounted in a location as to not impede the operator with noise.		
<u>PLUMBING</u>			
	1. All plumbing to be Schedule 40 minimum stainless steel only		
	2. Pressure Relief Valve		
	3. 160 psi Pressure Gauge		
	4. All valves to be full port 1/4-turn brass ball valves, rated to 600psi. Made in U.S.A.		
	5. 1 1/2" NPSH x 1 1/2" NH double female adapter for direct fills		
	6. <u>Valved discharges:</u> 1" Tank Fill		
	7. 3/4" Reel		
*	8. 1" overboard in NPSH or NH with cap & chain		
	9. 1 1/2" overboard in NH with cap & chain		

MINIMUM REQUIRED SPECIFICATIONS		YES	NO
10.	<u>Valved Suction</u> 1 ½” Tank/Overboard pump suction with cap & chain in 1 ½” NPSH		
<u>REEL/HOSE</u>			
1.	Mounted directly behind driver to not impede visibility		
2.	Rust-free Stainless Steel Drum /Nylon A Frame Reel		
3.	Maximum weight: <u>28lbs.</u>		
4.	100ft of ¾” lightweight reel hose. Maximum weight: <u>19lbs.</u> 400psi service pressure		
* 5.	¾” GHT Field Repairable Couplings on reel hose		
* 6.	¾” GHT brass nozzle included		
<u>MISCELLANEOUS</u>			
1.	All hardware to be 100% stainless steel		
2.	Quantity <u>2</u> spanner wrenches		
3.	The weight of the entire unit loaded with water shall not exceed the manufacturers maximum cargo weight.		
4.	Tailgate must be able to close.		
5.	Unit to be manufactured in U.S.A.		
* 6.	Unit price to include: Crate & Delivery		
<u>OPTIONS</u>			
* 1.	<u>Multi-Use Tray</u> : A ½” thick black, textured, UV resistant polypropylene tray shall be custom fabricated and attached to the tank top on the passenger side via 4 mounting pins and be of the <u>quick detach modular design</u> to offer maximum utilization of the skid unit. It shall be designed to hold a standard stokes basket; utilized as a hose tray to rack a minimum 1,000ft. of 1 ½” forestry hose for deploying while driving; and include a removable door which stores in the tray or that can be dropped in place in order to be utilized as cargo/tool tray. Approximate dimensions: 55”L x 26”W x 9”H.		
2.	<u>Short Multi-Use Tray</u> : A ½” thick black, textured, UV resistant polypropylene tray shall be custom fabricated and attached to the tank top on the passenger side via 4 mounting pins and be of the <u>quick detach modular design</u> to offer maximum utilization of the skid unit. It shall be designed to be utilized as a hose tray to rack a minimum 600ft. of 1 ½” forestry hose for deploying while driving; and include a removable door which stores in the tray or that can be dropped in place in order to be utilized as cargo/tool tray. Approximate dimensions: 34” or 41”L x 26”W x 9”H		