



November 17, 2022

Mobile DRAFTS UNIT Proposal

El Mirage Fire Department

Quote #: 22-1116EMFDMDU-01

Dear Chief Michael Long,

Thank you for your interest in our PumpPodUSA DRAFTS UNITS. We are pleased to present the following information per your request for a **Mobile DRAFTS Unit (exceeds 2,100 USG)**. The PumpPodUSA - Direct Recirculating Apparatus Firefighting Training & Sustainability (DRAFTS) Unit apparatus is specifically designed to be the ultimate training tool to develop, maintain and test your Engineers and Firefighters. This Unit will enhance the safety, training, and practice for candidates specifically while providing needed additional training opportunities to ensure that your department has the most prepared and qualified workforce today.

The DRAFTS Unit will provide and allow your department to train with Full Flow Water your Firefighters and Engineers. When deployed to the Battalions the Engine Companies can train WITHOUT having to call "Out of Service" thus significantly increasing the hours of training but reducing time and costs related to these exercises. Another benefit to the DRAFTS units is that they are self-contained and re-circulate the water required for a wide variety of training evolutions as well as a host of NFPA testing requirements and water conservation mandated compliance. Each DRAFTS Unit will allow approximately (2,100 USG) amount of water to be pump continually, literally saving millions of gallons each year using the DRAFTS Units innovative design and construction.

General Construction Notes:

- This apparatus trailer is constructed using Heavy Duty Steel and is reinforced in a variety of ways in order to provide long term reliability and durable of service even with the pounding of master streams.
- A custom bulkhead is constructed and welded into the container. This bulkhead is placed back from the access doors. The design also allows a safe flat deck to safely access to the nozzle mounting system. This system is customizable to suit your Training & Testing needs. variety of straight nozzle styles as well as custom additions.
- The DRAFTS UNIT is fitted with Drafting and Pressure Pipes, NH Fittings of various sizes ranging from: 1 1/2" - 6" and is available in several configurations based on your department needs.
- The deflector shield is mounted to a frame at an angle to divert the incoming stream downward into the reservoir. The optional hanging targets on the deflector shield are to help train nozzle operators.
- All Apparatus will be coated internally with Rhino protective coatings for containment and durability.
- Photographs and illustrations are included on the following pages to help illustrate the design items mentioned herein.
- 10 Year Limited Warranty

Thank you again for your interest, after your review please feel free to contact me with any questions or comments.

Sincerely,
Bill Ward

Executive Director Cell: (949)246 6999 Email: bill@pumppodusa.com



Mobile DRAFTS Unit on 20' Deck Trailer Capacity: 2,100 Gallons



Approx. Gross Weight (Empty): 9,300 lbs. Example: How Artwork has been applied on previous Units.



DIRECT RECIRCUCLING APPARATUS FIREFIGHTER **TRAINING & SUSTAINABILITY UNIT**

Rear Bulkhead Wall & Interior Features:

- 1 Galvanized Diverter Screen mounted to Aluminum Frame (*Optional Target can be mounted*)
- 1 Folding Aluminum Step on outside (Ladder step welded to Inside of Bulkhead Wall)
- 6 Welded Fire Hose & Nozzle Plates in 2.5" Ss Nipples Capped with 2.5" NH Fittings (Aluminum)
- 1 200 PSI Pressure Relief Valve for FDC Plumbing (Red)
- 1 1 ½" Valve, the same as if they were opening of Interior Standpipe on 2nd or 3rd floor (Red)
(Connected to FDC Siamese with In-line 90° Fittings to provide for the equivalent of 150' of resistance/ friction loss)





Front:

- 1 Safety Rail with folding Aluminum Step at front of Deck
- 1 6" Horizontal Draft Port (Blue) with Butterfly Valve and 6" FNH Double Swivel Fitting (Alum.)
- 1 6" Vertical Riser Draft Training Riser per our discussion, (for a portion of annual pump testing)
- 1 Powder Coated Blue Parts Box
- 1 Portable Hydrant with Stainless Steel deck plate to secure to unit to the deck during transport.
- 1 2 ½" Valve with NH fitting - Make-up Water (using an Auto-Fill with Float) - Right side
- 1 2 ½" Siamese FDC plumbed to Right Front with 90° fitting facing outward – Left Side
(Plumbed to series of 90 degree fittings Providing for 150' of Line Restriction / friction loss.)





Standard Items & Features Included:

1 Portable Wet Barrel (DB) Customized Hydrant 6" Supply (4", 4 1/2" or 5" reducer NH Fitting) in 2 or 3 Ports
3 Port FDC Connections – Plumbed with (3) 2 1/2" Brass Clappered Snoots
Non-skid flooring welded on Rear deck level with Pod Floor with aluminum heavy duty non-skid decking.
Non-skid flooring welded on Front End Deck with expanded & raised Galvanized steel.
Powder Coated Front End Safety Rail with Aluminum Folding Step
Rear Stairs – Folding Aluminum with Web Strap Set for transport. Upper Handles coated with Rhino Liner.
Powder Coated Rear Safety Railing -
Aluminum Speed Rail Hose Guides on each side of Stairs (Protects Hoses & keeps hose off Stairs)
3" Floor Drain – Knife dump valve with Cam Fitting and 25' of Lay Flat Drain Hose
Interior of Apparatus sprayed with watertight Rhino Liner protective coating for containment and durability.
Multi-layer Galvanized Expanded Steel Deflector Screen secured to Aluminum Frame.
Exterior Powder Coated Panel Siding with aluminum diamond plate trim.
All Ball Valve Handles coated with Black Rhino Liner protective coating
Custom Heavy-Duty dual axle Trailer for Pump-Pod DRAFTS Unit (Painted Black)
Graphics Design & Wrap Application of Department Artwork

Optional Items & Features

Fire Hose Roller (Inserted when needed into Hitch Receiver – welded on either side of Rear Portion of Trailer
Deflector Screen Target - Bolted Swing Plates coated with Yellow Rhino Liner "type coating"
5' x 5' Galvanized Roof Target
Additional - Portable Wet Barrel Customized Jones Hydrant (DB 4" x 2 1/2", DB 4" x 2 1/2" x 2 1/2")
Standpipe / FDC 5 Ports
Pump Testing Manifold

Warranty

10 Year Limited Warranty (See Warranty Document)

Repairs and Service of Units

Any Warranted Repairs or Non-Preventive Maintenance Service items covered by the warranty, will be performed by PumpPodUSA personnel or designated vendor. Written Notice with photographs documenting the Repair / Service Item in question shall be sent to PumpPodUSA in a timely manner from the Fire Department Fleet Services. Once PumpPodUSA reviews the issue they will decide on the course of action:

1. Local Vendor - Dispatched by PumpPodUSA... (If Item is not completed by Vendor - *Refer to Option #2*)
2. PumpPodUSA personnel will be dispatched to inspect and perform Repairs or Service on-site.
3. If Repair & Service Item(s) can't be completed on-site the Unit will be transported to the factory at the manufactures time and expense. Once Repair / Service are completed it will be returned back to Fire Department at manufactures expense.
4. Fire Department Fleet representative will confirm Item in question was completed to Departments satisfaction must be signed off at time of delivery.



El Mirage Fire Department

Date: 11/16/2022

Features and Options Price List:

Quote# : 22-1116EMFDMDU-01

Pump-Pod / DRAFTS Unit	Specifications:	Descriptions	Unit Price:
Mobile DRAFTS Unit – Approx. 2,100 Gallons	See the Following List: <i>Base Mobile Model</i>	Mobile Pump-Pod <i>(see specifications above)</i>	USD \$89,800
Stenciling & Artwork Signage Wrap	Seals, Shields & Logos - Digital files provided by FD	Wrap Designed, Printed and Applied by PPUSA	Included
Deflector Screen	Expanded Galvanized Screen	Secured to Aluminum Frame	Included
Bulkhead Inside Rear Door	(1) Aluminum Folding Steps	(1) Welded Step to Inside of Bulkhead	Included
	(6) – 2.5" Ss Pipe Nipples Welded on Nozzle Plates	2.5" NST Fittings on each nipple	Included
Front - Right Hand Side	(1) x 2.5" standard valve w/ female NH	Engine Pump Re-Circulation & Quick-Fill Connection	Included
	6" Butterfly Valve on Primary Horizontal Drafting Connection	6" FNPT to 6" FNH Dbl. Swivel Fitting W /6" MNST x 4" FNST Swivel reducer	Included
	On vertical on Draft Riser – Mat. Sched. 80 PVC	6" FNPT to 6" MNH Fitting Convert from Pipe to Fire Hose Threads 1" Bleeder Valve on Riser	Included
Front - Left Hand Side	(1) x 2.5" standard valve w/ auto-refill float inside	Make-up Water 2.5"FNPT x 2.5" MNH Fitting	Included
	3 Port FDC 4" x with (3) 2.5" Brass Clappered Snoots with Pressure Relief Valve	Plumbed to fittings inside providing 150' of Line Restriction & Friction loss and simulated Standpipe Hydrant	Included
Flexible Suction Hoses	2- 6" Hoses 10' in Length	6" Diameter with NH Threaded Fittings	Included
1 Custom Portable Jones Hydrant	Bronze Jones DB 5" x 2 1/2"	6" Intake reduced to 5" FNH Dbl. Swivel	Included
Electro-mechanical Water Meter		Plumbed on 6" Blue Suction Pipe -Front	Included
Tool/ Parts Box	Blue Powder coat		Included
Base Model Total:			\$89,800
Accessories / Options:			
Roof Target 5' x 5' Galvanized	Inset into Roof top for Drainage	Inset into Roof to act like funnel	\$4,400
Swinging Nozzle Flow Targets	Powder coated Stainless Steel	Mounted to Defector Screen	\$475
Pump Testing Manifold	(5) 2 1/2" Brass Clappered Snoots	Allows 2,000 GPM NFPA Testing	\$5,100
Add-on & Options Sub-Total:			\$9,975.00
Sub-Total before Sales Tax:			\$99,775.00
Sales Tax:		9.3 % Sales Tax	\$9,279.08
Total after Sales Tax:			\$109,054.08
On-Site Training & Delivery:	Provided by PumpPodUSA	Training & Travel Expenses	\$2,150.00
Grand Total:			\$111,204.08

Payment Installments:
50% Installment at Issue of P.O.
50% Net 30 upon Delivery

Please make the checks payable to:
PumpPodUSA
3850 Royal Ave., Suite B
Simi Valley – CA – 93063