

WILDLAND WAREHOUSE

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SUPPLIERS OF WILDLAND GEAR

www.wildlandwarehouse.com
P.O. Box 425
Blairstown, NJ 07825
Ph 1.866.WILDLAND Fx 908.362.6236

Quotation

Specifications for a Custom 50 gallon T-Type Fire Suppression Skid Unit for Argo with 'VEO' Victim Extraction Option

A – Tank

50 Gallon capacity polypropylene water tank skid unit. The Tank shall be constructed of ½” black, textured, UV resistant polypropylene material with a ¾” thick tank floor. It shall be baffled with minimum 3/8” transverse and longitudinal baffles to meet NFPA standards and shall include a full lifetime factory warranty. Made in the USA.

The tank only is approximately 34” Long x 28.5” Wide x 21” High

The entire skid unit, including the hose reel, shall be approximately 34” Long x 28.5” Wide x 42” High

The tank, at a minimum shall include the following:

- 1) White plastic sight gauge
- 2) Lo-profile 5” minimum diameter tank fill/vent.
- 3) The tank top shall have an additional ¾” thick polypropylene mounting plate.
- 4) 1” diameter FNPT fill port
- 5) 1 ½” diameter FNPT Tank Suction in removable access plate with foot valve.
- 6) 2” Diameter FNPT drain

B – Pump Mounting

Pump shall be mounted to be quickly removable using only a spanner wrench, for optimal use as a portable pump in remote draft sites.

C – Pump

Wick 100-4H: Single stage pressure pump powered by a 2.5 Hp Honda.

Max Weight: **21 lbs.**

- 1) Engine: **2.5 HP, 4 Stroke**, Air-cooled.
Recoil start. Honda
Integral Fuel tank
- 2) Pump: Single Stage, High-Pressure driven via a centrifugal clutch (so powerhead may be left at idle without pumping water, or losing draft)
1 ½” NPSH Suction, 1 ½” NPSH Discharge
Max PSI: **100**, Max GPM: **70**
- 3) Primer – A hand primer shall be supplied and mounted

D – Plumbing

All valves to be full port ¼ turn brass ball valves, made in the **USA**, rated at 600 PSI. All plumbing to be **stainless steel** and rated at 150 PSI minimum (overbuilt by a minimum of a 50% safety factor).

The pump shall be pre-plumbed as follows on the **suction** side:

- 1) 1 ½” ¼ turn brass ball valved leg into the tank draft port
- 2) 1 ½” Diameter T
- 3) A clear (to allow visibility of water) pvc suction hose with swivel coupling shall connect the pump to eliminate vibration and allow operator to view water flow.
- 4) 1 ½” leg extended to the rear of the body to draft with, which shall have an adaptor and a cap w/ chain in 1 ½” NPSH.
- 5) 1- **1 ½” female NPSH x 1 ½” female NH swivel adapter** shall be provided for direct fills or pumping from a hydrant, engine, etc.

On the **discharge** side, the pump shall be plumbed, via high pressure hose to eliminate vibration, to only 100% stainless steel piping. Includes the following valved discharges:

- 1) 1” Tank fill/circulate (standard)
- 2) 1 x 1” Discharge in NH or NPSH w/ cap and chain (please circle preference)
- 3) 1 x 1 ½” Discharge in NH w/ cap and chain (standard)
- 4) Preset **pressure relief valve**
- 5) A 160 psi stainless steel **pressure gauge**.

All valves shall be labeled.

E – Mounting

Aluminum mounting cradle to attach to Argo and drop unit into.

F – Accessories

Two (2) Spanner Wrenches, supplied and mounted.

1 - 1 ½” NPSH x 10’ lightweight Suction Hose

1 - 1 ½” NPSH plastic Foot Valve/Strainer

G – Hardware

All hardware not limited to bolts, screws, u-bolts, L-brackets, springs, hinges, etc. shall only be **stainless steel**.

H – Transportation

Fully crated and shipped via motor freight to the firehouse/fire cache.

Forklift required. Additional charges may incur for LTL Liftgate Services.

Options

Victim Extraction Option (VEO)

An aluminum diamond plate cradle shall be custom fabricated and attached to the tank top/cargo basket dead center which shall be designed to support this option. It shall be mounted using 4 pins and be of the quick detach modular design to offer maximum utilization of the body.

A 'rescue pad' (for victim comfort) spine board shall be supplied with the following options.

- Pro-lite Patient Strap System
- Integrated collapsible IV Pole

NOTE: Water must be drained to transport victim.

Poly hose tray mounted on the front top of the tank.

Proudly built in New Jersey in the U.S.A.!