

RiotWatch Self-Contained Fire Control 500 gpm Pump Package

Description

The RiotWatch unit is a 500 gallon per minute (gpm), self-contained, fast response, high performance, “low” flow water/foam pumping module designed to attack initial fires resulting in riot situations. It has the on board foam option for difficult or flammable liquid fires.

It is designed to be conveyed on variety of buyer options. It can also be connected to an optional onboard water storage tank.



(shown mounted on smooth tire shop cart)

Construction

- The external and internal structure is welded Aluminum.
- The module has lockable roll-up fire apparatus type doors on both sides.
- The base is sealed for fuel and liquid containment and has a drain with plug.
- The sloped roof contains a 25-gallon diesel fuel tank with vented cap and lockable door.
- Roof has lifting lugs at the four corners, grab rails on the long sides,

and sliding cover over the elevating monitor (water nozzle).

- Forward and aft ends have grab handles and LED lights.
- Aft end of the box has a 4” Storz fitting with a cap for alternate discharge of water.
- Forward end has a 4” Storz fitting with a cap for suction. There is a 110V connection for charging onboard batteries, exhaust pipe for the diesel engine, and ventilation for the engine.
- Port side has operator’s panel that has a door that is latching and lockable. Both the door and the panel are sealed. Operator panel controls all lighting, engine operation, valves, and monitor movement.
- Finish: primer with two coats of light gray finish coats.
- Built for fresh water use only.



Equipment

- Engine: Kubota Model V3600, turbo-charged four-cylinder, 68.5 continuous horse power, with radiator cooling, electric block heater, and electric start.

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- Pump: Darley and Company Model HE500 with 4" suction and 3" discharge.
- A rotary vane primer is provided for suction from draft (pond).
- Monitor: Task Force Tips assembly (100-500 gpm).
- 50-gallon Foam tank. Metering valve that can be set from 1% to 10%.
- 25-gallon Fuel tank (Four hours of operation).
- 2- deep cycle 12v batteries.
- Operator panel located on port side
- Unit weight: 4,500 dry

Options:

- Conveyance: 20' min trailer or flatbed truck capable of 12,000 lbs payload recommended.
- Lanyard or wireless controls
- Choices of hose, couplings, nozzles, and wyes.
- Exterior color if available.
- High expansion foam generators.
- ERP plans.
- Personnel training.
- Choice of approved firefighting foams.