

## WILFIRE AESIR VORTEX P7M LIGHT KIT MOTOR PUMP

<https://www.securhit.com/en/fire-pump/1141-motopompe-feux-de-forets-aesir-vortex-p7m-light-kit.html>

Fire pump for forest firefighting



### Description

The Vortex P7M is a lightweight, high pressure centrifugal pump. It can draw from a water source (tank, pool, river, etc.), a fire hydrant or be used as a relay. It is one of the fire engines designed for forest fire fighting that offers the best weight/performance ratio on the market. It is used in hard-to-reach places that fire engines cannot reach. The unit includes a Dual Cooling system with forced air and water recovery circuit, an exhaust that reduces the perceived sound volume by half, electric start (battery optional) and a manual recoil starter, a digital engine overspeed control switch, and a hand priming pump. An extension for foam injection is available as an option.

#### TECHNICAL SPECIFICATIONS

##### Pump

Type: Centrifuge.

Suction: 2 inches BSP male.

Discharge: 1-1/2 inch BSP male.

Body / Impeller: Anodized aluminum alloy, lightweight and highly resistant.

Transmission Shaft: The horizontal transmission shaft of the engine is used to drive the pump. The assembly is protected against corrosion with a bronze sleeve.

Mechanical Seal: Self-adjustable, self-lubricated, specific SiC seat for wear and shock resistance.

Priming: Compact hand priming pump in anodized aluminum alloy.

##### Engine

Brand: ODIN

Type: Single cylinder, two-stroke gasoline.

Power: 10 HP at 7,000 RPM.

Overspeed Switch: Digital ignition module.

Cooling: Forced air and water

Air Filter: A metal grid protects from impurities.

Fuel Filter: 75 micron fuel filter, integrated into the fuel tank.

Capacity: 135 CC.

Engine Starting: By manual recoil starter and/or electric with optional auxiliary battery.

Fuel Mixture Ratio: Gasoline: oil = 30: 1 (oil must be suitable for 2-stroke engines).  
Fuel Tank: 12-liter jerrycan with a hose equipped with quick connectors.

#### Performance Data (Vortex P7M)

Maximum Discharge Pressure: 17 bar.

Maximum Flow Rate: 270 L/min.

Pump Performance at 3m Suction Height:

195 l/min @ 6 bar

165 l/min @ 8 bar

135 l/min @ 10 bar.

Weight: 10.8 kg.

Dimensions (L x W x H): 340 x 388 x 190 mm (without fittings).

Engine Start: Manual and electric start (battery optional).

Cooling: Forced air and water

Start Time Below 5 Degrees: 3.1 sec.

Fuel Tank: 12 L (4 hours of autonomy).

## Caractéristiques

- Weight : 10.8 kg
- Discharge pressure : Jusqu'à 17 bar
- Maximum flow : 270 L/min