

WILFIRE AESIR VORTEX P7 LIGHT KIT MOTOR PUMP

<https://www.securhit.com/en/pompes-incendie/250-motopompe-aesir-vortex-p7-light-kit.html> Fire pump for forest firefighting



Description

The Vortex P7 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 incorporates an electric starting system (battery optional) and a manual recoil launcher, 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.

Air Filter: A metal grid protects from impurities.

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

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 P7)

Maximum Discharge Pressure: 18 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: 11.4 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.

Start Time Below 5 Degrees: 3.1 sec.

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

Caractéristiques

- Weight : 11.4 kg
- Discharge pressure : Jusqu'à 18 bar
- Maximum flow : 270 L/min