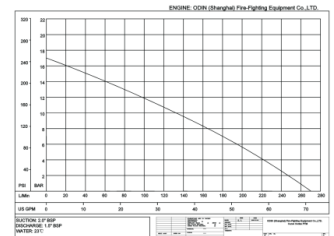


## WILDFIRE AESIR VORTEX P7 ALL1 MOTOR PUMP KIT ON SHERPA BACKPACK

<https://www.securhit.com/en/fire-pump/1140-motopompe-feux-de-forets-aesir-vortex-p7m-all1-kit-sur-claie-de-portage.html>

Motor pump AESIR VORTEX P7 ALL1 kit on Sherpa backpack



### Description

Specially designed for forest firefighting, the ALL1 pack is compact and lightweight, integrating the motor-driven pump and its nurse on a single carrying rack for transport and use by a single operator.

The package, with 12 litres of 2T mix, weight less than 29kg.

Vortex P7M motor-driven pump mounted on a tubular chassis, fixed to a Sherpa carrying rack with a rapid tool-free assembly/disassembly system, equipped with a 10 HP ODIN 2-stroke petrol engine at 7000 rpm air-cooled with manual start and electric start socket (800A lithium battery/booster annex supplied as an option) and a high-strength, corrosion-resistant aluminium centrifugal pump with anodised aluminium turbine, primed by an attached aluminium hand pump.

A Dual Cooling system with forced air and water recovery circuit, an exhaust that reduces the perceived sound volume by half

Maximum pressure 17 bar, 195 l/min at 6 bar and 3 m suction height.

Inlet via 1/2 SYM 40 connection and outlet via 1/2 DSP 40 connection

Fuel supply via 12-litre feeder integrated into its storage/carrying bag positioned at the base of the hopper for 4 hours of autonomy.

Pump/feed priming hose with quick-release couplings.

Supplied with French instructions.

### 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 P7)

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 : moins de 29 kg
- Maximum flow : 270 l/min