



PORTABLE FIRE PUMPS

International



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Unlocking firefighting and disaster protection.

FOR EVERYDAY HEROES

We aim to empower heroes around the world to build local resilience with simple, secure and environmentally-responsible disaster response solutions. To this end, Tohatsu commits to provide reliable and straightforward products that people feel comfortable using, backed with strong support service.

Simpliq™
Technology

**BACKS
YOU
UP™**

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VE1500-W

Best balance of performance and weight



Video Playback
Please check
"The performance of VE1500-W"

NOTE Not for sale in US and Canada.

Performance at Suction Height 3m

2050 Lit/min at 0.6MPa (6 Bar)

1800 Lit/min at 0.8MPa (8 Bar)

1500 Lit/min at 1.0MPa (10 Bar)

1300 Lit/min at 1.2MPa (12 Bar)

1000 Lit/min at 1.4MPa (14 Bar)

- High volume of pumping pressure (17Bar/1.7MPa)
- Outstanding quickness of priming speed with rotary vane vacuum pump.
- The lightest model in its class
- Smooth engine start with Electronic Fuel Injection system

Priming Performance

3.4 sec at suction height 1 m

6.7 sec at suction height 3 m

14.2 sec at suction height 6 m

188kg
Competitor

> 124kg
VE1500W
Wet Weight

Suction height

9m
The best suction performance
in the industry (9m/30h)

Specification

	VE1500-W	
Engine	Type	2-Cycle
	Number of Cylinder	2 Cylinder
	Cooling System	Suction Water Cooled
	Bore x Stroke	81 x 78 mm (3.19 x 3.07 inch)
	Piston displacement	804 cc (49.0 cu in)
	Output	44 kW (60 PS)
	Fuel Type	Unleaded Gasoline (Min. 87 Octane)
	Fuel Tank Capacity	24 Lit (6.34 gal)
	Fuel Consumption	22 Lit / Hr (5.81 gal / Hr)
	Fuel System	Electronic Fuel Injection
Suction	Oil Tank Capacity	1.6 Lit (0.42 gal)
	Starting	Electric and Manual
	Suction System	4 Blade Rotary-vane vacuum pump (Oilless-type)
Pump	Priming System	Manual
	Pump Type	Single Suction, Single Stage centrifugal pump
	Suction Thread and Dia.	JIS 3-1/2" (90mm) BSP 4" (100mm)
	Discharge Thread and Dia.	JIS 2-1/2" (65mm) BSP 2-1/2" (65mm)
	Discharge Number	Twin
	Discharge Valve	Flat valve
	Weight	Dry Weight
Wet Weight		124 kg (280 lbs)
Dimension(mm)	Overall Length x Width x Height	748 x 732 x 827

NOTE JIS: Japanese Industrial Standard Thread BSP: British Standard Pipe Thread *Wet Weight: Ready for Operation

Performance Curve

