



Features & Advantage

- **Simplify and maximize the ability for quick response.**
- **Light weight and compact.** Engine and pump castings are made of anti-corrosive aluminum-alloy to reduce weight and prolong working life. Compact unit in its class fits existing locker space, also can be carried by 2 firemen.
- **High pump performance.** Both engine and pump are designed and developed specifically for fire pumps by TOHATSU, ensuring higher pump performance for its class.
- **Quick priming** is provided by operating Rotary Vane Vacuum Pump. Prime 3meters in 6 seconds.
- **Engine overheat protection sensor.** Overheat protection is provided to safeguard the engine from cooling water loss, and to protect engine when water is not discharging. This device stops the engine automatically when engine temperature reaches
- **CE approved.**
- **Application:** Fire Fighting, Irrigation and Agriculture, Automotive Industry, Petrochemical Industry, Industrial Utilities, Machining, Marine, Mining industry, Waste-water Transport ,Flood Control ,Commercial Buildings and Family Homes etc.
- **Place of Origin:** Assemble in China.



ZE1000A

Specification

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Engine	Type	Quick priming
	Number of Cylinder	2 Cylinder
	Cooling System	Suction Water Cooled
	Bore x Stroke	76 x 68 mm (2.99 x 2.68 inch)
	Piston displacement	617 cc (37.6 cu in)
	Output	Max 34kW (46 PS)
	Fuel Type	Unleaded Gasoline (Min. 87 Octane)
	Fuel Tank Capacity	18 Lit (4.76 gal)
	Fuel Consumption	9 Lit / Hr (2.38 gal / Hr)
	Fuel System	Single Carburetor with Auto Choke
	Oil Tank Capacity	1.6 Lit (0.42 gal)
	Starting	Electric and manual
Suction	Suction System	4 Blade Rotary-vane vacuum pump (Oilless-type)
	Priming System	Manual
	Priming Performance	≤7.5s@suction height 7m
Pump	Pump Type	Single Suction, Single Stage centrifugal pump
	Discharge Performance	At 3m suction height, 1550Lit /min @ 0.6MPa At 3m suction height , 1300Lit/min @0.8 MPa At 3m suction height , 950Lit/min @1.0MPa
	Suction Thread and Dia.	JIS 3" (80mm)
	Discharge Thread and Dia.	JIS 2-1/2" (65mm)
	Discharge Number	Single
	Discharge Valve	Ball
Weight	Dry Weight	85 kg (187.39 lbs)
	Wet Weight	102 kg (224.87 lbs)
Dimension	Length x Width x Height(Overall)	700 x 620 x 730(mm)
Battery	Type	12V,18Ah/5h

NOTE JIS: Japanese Industrial Standard Thread



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