

VC52AS VC72AS

Simplify and maximize
the ability for
quick response



130kg Competitor
> 101kg Operative weight
The lightest model in this class

Suction height **9m**
The best suction performance
in the industry (9m/30ft)

Specification

	VC52AS	VC72AS	
Engine	Type	2-stroke	2-stroke
	Number of Cylinder	2 Cylinder	2 Cylinder
	Cooling System	Suction Water Cooled	Suction Water Cooled
	Bore x Stroke	76 x 68 mm (2.99 x 2.68 inch)	76 x 68 mm (2.99 x 2.68 inch)
	Piston displacement	617 ml(37.6 cu.in.)	617 ml(37.6 cu.in.)
	Output	30 kW	30 kW
	Fuel Type	Unleaded Gasoline (RON 91 or Higher)	Unleaded Gasoline (RON 91 or Higher)
	Fuel Tank Capacity	18 Lit (4.76 US gal)	18 Lit (4.76 US gal)
	Fuel Consumption	Approx. 9 L/hr (2.38 US gal/hr) (at 0.55 MPa 1220 L/min)	Approx. 12 L/hr (3.17 US gal/hr) (at 0.7 MPa 1290 L/min)
	Fuel System	Single Carburetor with Auto Choke	Single Carburetor with Auto Choke
	Oil Tank Capacity	1.6 Lit (1.7 US qt.)	1.6 Lit (1.7 US qt.)
Starting	Electric and Manual		
	Starting	Electric and Manual	Electric and Manual
Suction	Suction System	4 Blade Rotary-vane Vacuum Pump (Oilless-type)	4 Blade Rotary-vane Vacuum Pump (Oilless-type)
	Priming System	Manual	Manual
Pump	Pump Type	Single Suction, Single Stage, High Pressure Turbine Pump	Single Suction, Single Stage, High Pressure Turbine Pump
	Suction Thread and Dia.	JIS 3" (75 mm)	JIS 3" (75 mm)
	Discharge Thread and Dia.	JIS 2-1/2" (65 mm)	JIS 2-1/2" (65 mm)
	Discharge Number	Single	Single
	Discharge Valve	Ball Valve / Flat Valve	Flat Valve
Weight	Dry Weight (without Battery)	80 kg (176 lbs)	80 kg (176 lbs)
	Ready for Operation*	101 kg (223 lbs)	101 kg (223 lbs)
Dimension	Overall Length x Width x Height	700 x 620 x 730 mm (27.56 x 24.41 x 28.74 inch)	700 x 620 x 730 mm (27.56 x 24.41 x 28.74 inch)

NOTE JIS: Japanese Industrial Standard Thread
*Depends on the weight of the battery installed and the volume of fueling at local. Please contact our distributors for more details.

VC52AS Performance at suction height 3m

1300 Lit/min at **0.6MPa (6 Bar)**
1000 Lit/min at **0.8MPa (8 Bar)**
600 Lit/min at **1.0MPa (10 Bar)**

Priming performance

2.3 sec at suction height **1 m**
4.5 sec at suction height **3 m**
9.2 sec at suction height **6 m**

- Unmatched pumping performance
- 180 degree swinging single outlet
- Engine overheat protection sensor
- Robust and easy maintenance

VC72AS Performance at suction height 3m

1500 Lit/min at **0.6MPa (6 Bar)**
1200 Lit/min at **0.8MPa (8 Bar)**
950 Lit/min at **1.0MPa (10 Bar)**

Performance Curve

