

VC52AS VC72AS

Simplify and maximize
the ability for
quick response



VC52AS Performance at suction height 3m

1250	0.6MPa (6 Bar)
1000	0.8MPa (8 Bar)
600	1.0MPa (10 Bar)

VC72AS Performance at suction height 3m

1550	0.6MPa (6 Bar)
1300	0.8MPa (8 Bar)
950	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



> **101kg**
Operative weight

The lightest model in this class

Suction
height



9m

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

Specification

		VC52AS	VC72AS
Engine	Type	2-Cycle	2-Cycle
	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 cc (37.6 cu in)	617 cc (37.6 cu in)
	Output	30 kW (40.8 PS)	30 kW (40.8 PS)
	Fuel Type	Unleaded Gasoline (Min. 87 Octane)	Unleaded Gasoline (Min. 87 Octane)
	Fuel Tank Capacity	18 Lit (4.76 gal)	18 Lit (4.76 gal)
	Fuel Consumption	9 Lit / Hr (2.38 gal / Hr)	12 Lit / Hr (3.43 gal / Hr)
	Fuel System	Single Carburetor with Auto Choke	Single Carburetor with Auto Choke
	Oil Tank Capacity	1.6 Lit (0.42 gal)	1.6 Lit (0.42 gal)
Suction	Starting	Electric and manual	Electric and manual
	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 centrifugal pump	Single Suction, Single Stage centrifugal pump
	Suction Thread and Dia.	JIS 3" (75mm) BSP 4" (100mm)	JIS 3" (75mm) BSP 4" (100mm)
	Discharge Thread and Dia.	JIS 2-1/2" (65mm) BSP 2-1/2" (65mm)	JIS 2-1/2" (65mm) BSP 2-1/2" (65mm)
	Discharge Number	Single	Single
	Discharge Valve	Ball valve / Flat valve	Ball valve / Flat valve
Weight	Dry Weight	85 kg (187.39 lbs)	85 kg (187.39 lbs)
	Wet Weight	101 kg (222.66 lbs)	101 kg (222.66 lbs)
Dimension(mm)	Overall Length x Width x Height	700 x 620 x 730	700 x 620 x 730

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

Performance Curve

