

VF53BS

Light weight with Up-to-date technology



Performance at Suction Height 3m

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

Priming Performance

- 2.0 sec at suction height 1 m
- 3.4 sec at suction height 3 m
- 6.2 sec at suction height 6 m

The VF53BS not only achieves a weight reduction of 12 kg (13.5%) from the former model without sacrificing engine performance by optimizing the crankshaft and intake manifold, but also adopts up-to-date technologies, including a fully electrically controlled engine speed governor function.

130kg Competitor > 99kg Operative weight
The lightest model in this class

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

Specification

		VF53BS
Engine	Type	4-stroke
	Number of Cylinder	3 Cylinder
	Cooling System	Suction Water Cooled
	Bore x Stroke	61 x 57 mm (2.40 x 2.24 inch)
	Piston displacement	500 ml (30.5 cu.in.)
	Output	22 kW
	Fuel Type	Unleaded Gasoline (RON 91 or Higher)
	Fuel Tank Capacity	10 Lit (2.7 US gal)
	Fuel Consumption	Approx. 8.5 L/hr (2.25 US gal/hr) (at 0.55 MPa 1130 L/min)
	Fuel System	Electronic Fuel Injection
	Oil Tank Capacity	1.6 L (1.7 US qt.) when replacing oil filter : 1.7 L (1.8 US qt.)
Suction	Starting	Electric and Manual
	Suction System	4 Blade Rotary-vane Vacuum Pump (Oilless-type)
Pump	Priming System	Auto Priming
	Pump Type	Single Suction, Single Stage, High Pressure Turbine Pump
	Suction Thread and Dia.	JIS 3" (75 mm)
	Discharge Thread and Dia.	JIS 2-1/2" (65 mm)
	Discharge Number	Twin
Weight	Discharge Valve	Ball Valve
	Dry Weight (without Battery)	84 kg (185 lbs)
Dimension	Ready for Operation*	99 kg (218 lbs)
	Overall Length x Width x Height	670 x 780 x 740 mm (26.38 x 30.71 x 29.13 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.

Performance Curve

