

# VF21BS

Providing simplicity & quickness with consolidated operation panel.



### Performance at Suction Height 3m

500 Lit/min at 0.6MPa (6 Bar)  
250 Lit/min at 0.8MPa (8 Bar)

### Priming Performance

3.7 sec at suction height 1 m  
7.0 sec at suction height 3 m  
15.4 sec at suction height 6 m

- The world's lightest 4 stroke portable "fire-fighting" pump in its class.
- Equipped with LED lighting to illuminate the operation panel to enable accurate pump operation during night time activity.
- VF21BS is possible to save the space because of the most compact and you can put more equipment in the free space.

96kg Competitor > 57kg Operative weight  
The lightest model in this class

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

### Specification

		VF21BS
Engine	Type	4-stroke
	Number of Cylinder	2 Cylinder
	Cooling System	Suction Water Cooled
	Bore x Stroke	55 x 44 mm (2.17 x 1.73 inch)
	Piston displacement	209 ml (12.7 cu.in.)
	Output	7.3 kW
	Fuel Type	Unleaded Gasoline (RON 91 or Higher)
	Fuel Tank Capacity	4 Lit (1.1 US gal)
	Fuel Consumption	Approx. 3.1 L/hr (0.82 US gal/hr) (at 0.5 MPa 500 L/min)
	Fuel System	Single Carburetor with Manual Choke and Fast Idle
	Oil Tank Capacity	1.0 L (1.1 US qt.) when replacing oil filter : 1.1 L (1.2 US qt.)
Suction	Starting	Electric and Manual
	Suction System	4 Blade Rotary-vane Vacuum Pump (Oilless-type)
Pump	Priming System	Manual Priming
	Pump Type	Single Suction, Single Stage, High Pressure Turbine Pump
	Suction Thread and Dia.	JIS 2-1/2" (65 mm)
	Discharge Thread and Dia.	JIS 2-1/2" (65 mm)
	Discharge Number	Single
Weight	Discharge Valve	Ball Valve
	Dry Weight (without Battery)	49 kg (108 lbs)
Dimension	Ready for Operation*	57 kg (126 lbs)
	Overall Length x Width x Height	480 x 596 x 560 mm (18.90 x 23.47 x 22.05 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

