

# V20FS

Small and compact, with unmatched pump performance



Light weight  **46kg**  
The lightest model in the industry

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

## Specification

		V20FS
Engine	Type	2-Cycle
	Number of Cylinder	1 Cylinder
	Cooling System	Air Cooled
	Bore x Stroke	66 x 58 mm (2.6 x 2.28 inch)
	Piston displacement	198 cc (12.0 cu in)
	Output	8.6 kW (11.7 PS)
	Fuel Type	Unleaded Gasoline (Min. 87 Octane)
	Fuel Tank Capacity	5.95 Lit (1.57 gal)
	Fuel Consumption	5.9 Lit / Hr (1.56 gal / Hr)
	Fuel System	Single Carburetor with Auto Choke
Suction	Oil Tank Capacity	0.5 Lit (0.13 gal)
	Starting	Electric and manual
	Suction System	4 Blade Rotary-vane vacuum pump (Oilless-type)
Pump	Priming System	Manual
	Pump Type	Single Suction, Single Stage centrifugal pump
	Suction Thread and Dia.	JIS 2-1/2" (65mm)
	Discharge Thread and Dia.	BSP 2-1/2" (65mm)
		JIS 2-1/2" (65mm)
	Discharge Number	BSP 2-1/2" (65mm)
		Single
Discharge Valve	Ball valve	
Weight	Dry Weight	46 kg (101.4 lbs)
	Wet Weight	52 kg (114.7 lbs)
Dimension(mm)	Overall Length x Width x Height	530 x 475 x 537

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

### Performance at Suction Height 3m

**525** 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**

- Ultimate light and compact portable fire fighting pump.
- Robust and easy maintenance
- Best choice for flooding situation. Recommended to use with our floating strainer (page 17)

### Performance Curve

