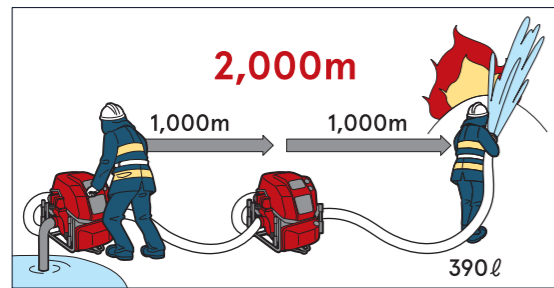


VF63BS-R

Unique, like no other.
The advanced automatic relay pump.



Video Playback
Please check
"The performance of automatic
relay pump"



Example of use in automatic relay operation
(No operator is required at the relay pump).
The relay pumping line with VF63BS-R can be extended
endlessly.

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

When the water hits the VF63BS-R, engine and pump function are automatically started which means that no one need to be on and operate the pump pressure. When the water from master pump stops, the VF63BS-R is also stopped automatically. It is fully-automatically controlled and providing new solution for forest / wild land fire and long distance water transfer action.

Auto priming



Suction height



9m

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

Specification

		VF63BS-R
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)	84.5 kg (186 lbs)
Dimension	Ready for Operation*	99.5 kg (219 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

