



QUELL PRIVATE LIMITED
 DISTRIBUTOR / AGENT FOR
FIRE FIGHTING AND LIFE SAVING EQUIPMENT
 Block 51 Ayer Rajah Crescent #05-05 Singapore 139948
 Email: quell@singnet.com.sg Tel: +65 6271 1918
 Website: www.quell.com.sg Fax: +65 6273 1080



PORTABLE FIRE PUMP V20FS



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
	Oil Tank Capacity	0.5 Lit (0.13 gal)
Suction	Starting	Electric and manual
	Suction System	4 Blade Rotary-vane vacuum pump (Oilless-type)
	Priming System	Manual
Pump	Pump Type	Single Suction, Single Stage centrifugal pump
	Suction Thread and Dia.	JIS 2-1/2" (65mm)
		BSP 2-1/2" (65mm)
	Discharge Thread and Dia.	JIS 2-1/2" (65mm)
		BSP 2-1/2" (65mm)
	Discharge Number	Single
Weight	Discharge Valve	Ball valve
	Dry Weight	46 kg (101.4 lbs)
Dimension(mm)	Wet Weight	52 kg (114.7 lbs)
	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



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Performance at Suction Height 3m

525 Lit/min at **0.6MPa (6 Bar)**

250 Lit/min at **0.8MPa (8 Bar)**

Priming Performance

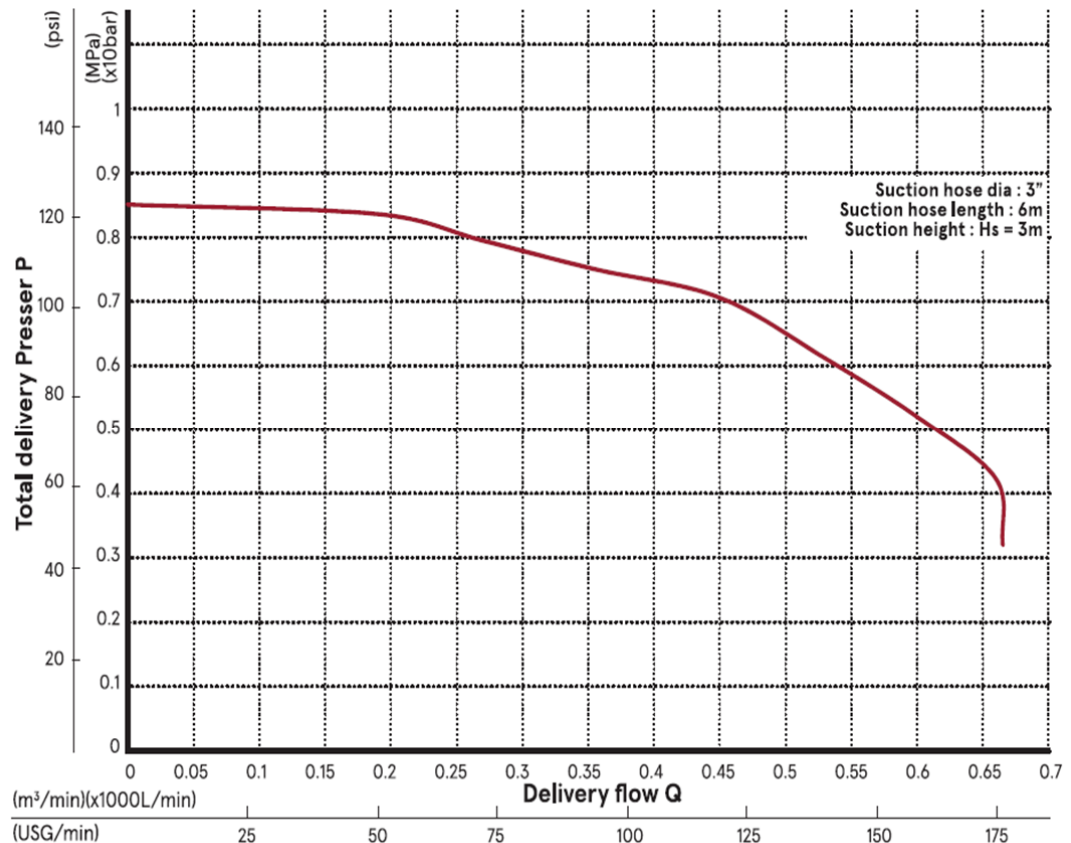
3.7 sec at suction height **1 m**

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

Performance Curve





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ACCESSORIES

Tohatsu Floating strainer

All-purpose and versatile suction device for emergency and tough condition.

it is able to prime water even at a minimum depth of 2 cm.

Can be used in shallow water, such as rivers.

Combined with a pump, it can be used for drainage.



Specification	
Suction volume	1,500 ℓ/min
Adapter	JIS
Outlet diameter	75mm(3 inch)
Measurement	670×460×170mm
Weight	8.3kg
Suction minimum depth	Depth 2cm
Part number	S399-00002SET

Flow Indicator

The operator is able to check easily to see if you can have proper water flow in the hose or not.

No power supply is required as it operates with water resistance.

You can easily see the appropriate flow rate.



Specification	
Adapter	JIS thread
Outlet diameter	Female 65mm(2-1/2 inch)×Male 65mm(2-1/2 inch)
Measurement	198×116mm
Weight	1.7kg
Display of water flow	Analogue display
Indicator of water flow	400-600ℓ
Part number	6B6-39410-0