

vft black line pumps



**Black Panther
BP4**

Black Panther BP4

Up to 26.2 bar and 370 l/min.

Lightweight and robust portable motor pump designed for rapid intervention in forest fires, equipped with a 4-stage centrifugal pump and a 2-stroke Polini engine. This powerful combination allows to maintain high pressures working at high altitude mountainous areas and for long distances. The BP4 is designed with the utmost rigor to satisfy firefighters in the most extreme situations.

- > High quality components and spare parts availability.
- > With the best value-money balance.
- > 1 year warranty.

Applications

- Attack line firefighting.
- Long hose lay for remote watering during firefighting operations.
- High elevation firefighting in mountainous areas.
- Accuracy in flow trajectory when structure fire fighting.
- Tandem pumping over long distances.
- Parallel pumping for higher volumes.



Characteristics

- Extremely light and resistant.
- Portable and compact.
- Constructed of aluminum alloy.
- Electronic automatic stop that protects the pump in case of overspeed due to loss of prime in the pump.
- Removable pump with quick release clamp.
- Foam compatible pump.
- Ergonomic structure for comfortable transport.
- Transport option with vft hose backpack.
- Protections on the exhaust and motor cylinder to protect the user against burns.
- Intuitive user interface via LED indicator panel and built-in Hour / Rpm tachometer.

Specifications

Engine	Polini Thor 130
Centrifugal pump	VFT4SP 4 stage pump
Weight	22kg (dry)
Dimensions	Length: 53 cm. Wide: 33 cm. Height: 37 cm.
Maximum Pressure	26.2 bar
Maximum Flow	370 L/min

1. Engine Polini Thor 130 Evo



High performance in a compact and light format.

Motor Specifications	
Engine	2 strokes gasoline
Displacement	125 cm ³
Refrigeration	Air
Starting system	Recoil Starter with backup
Carburator	manual rope starter Wallabro WG8
Ignition	Electronic
Dry weight	12,5 kg
Consumption	3,6 L/h

2. Centrifugal 4 stage Pump (VFT4SP)

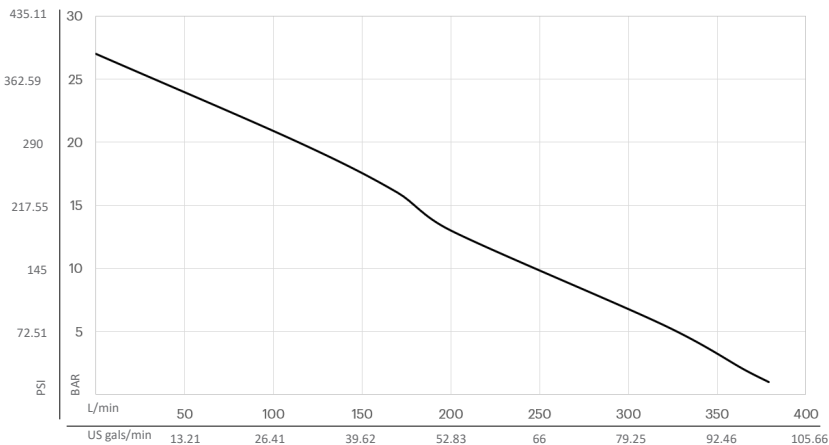


The VFT4SP is a compact, efficient and reliable 4-stage centrifugal pump. The pump body and impellers are made of aluminum with anti-corrosion treatment. The shaft and other components are made of stainless steel. Incorporates a high quality mechanical seal specifically designed.

*Pump compatible with foam.

VFT4SP Specifications	
Suction	2" NPSH
Impulsion	1,5" NPSH

3. BP4 Performance



Max. Performance			
Max. Flow		370 l/m	
Max. Pressure		26.2 bar	
Max. Water gauge		270 mH2O	
Pressure		Flow	
[Bar]	[PSI]	[L/m]	[U.S. GPM]
15	217.55	180	47.5
10	145	245	65
5	72.51	325	85.9

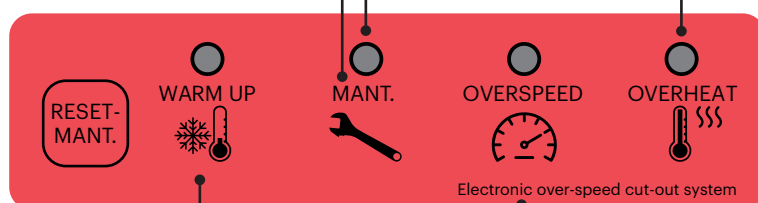
4. User interface

LED indicators and control over the motor:

RESET button for maintenance notification function

Maintenance

Engine overheat advice



Engine cool signal

Electronic stop in case of loss of pump prime



Throttle lever

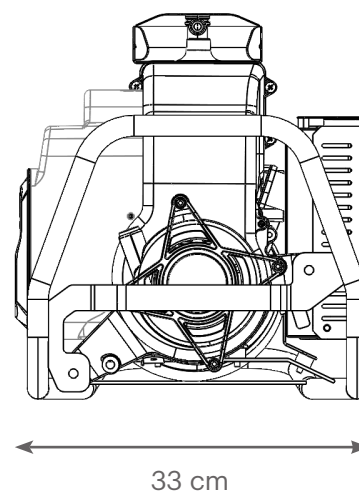
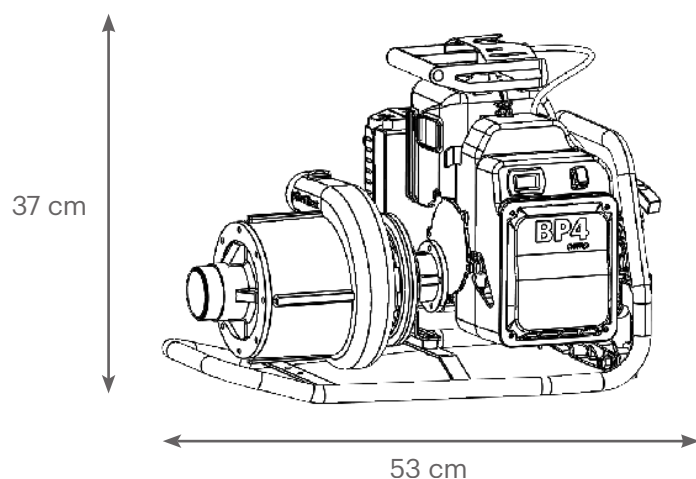


Tachometer RPM / Hours

On / off switch



5. Dimensions



6. Optional Accesories

vft Hose backpack

BVB0404-AAA0A

- Resistant and light structure in aluminum.



Manual priming pump kit 1/4" BSPT

DVD3050-00001



Thread protector NPSH-NPSH 1-1/2"

DVD3107-00001

Thread protector NPSH-BSP 1-1/2"

DVD3107-00002

Thread protector NPSH-NH 1-1/2"

DVD3107-00003

Thread protector NPSH-NPSH 2"

DED3108-00001

Thread protector NPSH-BSP 2"

DED3108-00002

Thread protector NPSH-NH 2"

DED3108-00003



Suction Hose 2" NH // L=3 m

DVD3102-00003

Suction Hose 2" Storz 52-C // L=3 m

DVD3102-00004

- High pressure hose for suction maneuvers.



Foot Valve vft NH 2"**DVD3105-00001****Fuel Tank 12L****DED6001-00001****Fuel Tank 25L****DED6001-00002****Fuel Line 1/4" for fuel tank
(Mercury hembra - 1/4" NPT)****DVD3116-AAAOA****Fuel Line 1/4" for fuel tank
(Chrysler hembra - 1/4" NPT)****DVD3117-AAAOA****Fuel Line 3/8" for fuel tank
(Mercury hembra - 1/4" NPT)****DVD3118-AAAOA****Fuel Line 3/8" for fuel tank
(Chrysler hembra - 1/4" NPT)****DVD3119-AAAOA****Extension fuel line kit 1/4" - Mercury male connector****DVD3120-AAAOA****Extension fuel line kit 1/4" - Chrysler male connector****DVD3121-AAAOA**