



FOAM SYSTEMS

CAFSystems™

FIRE PUMPS

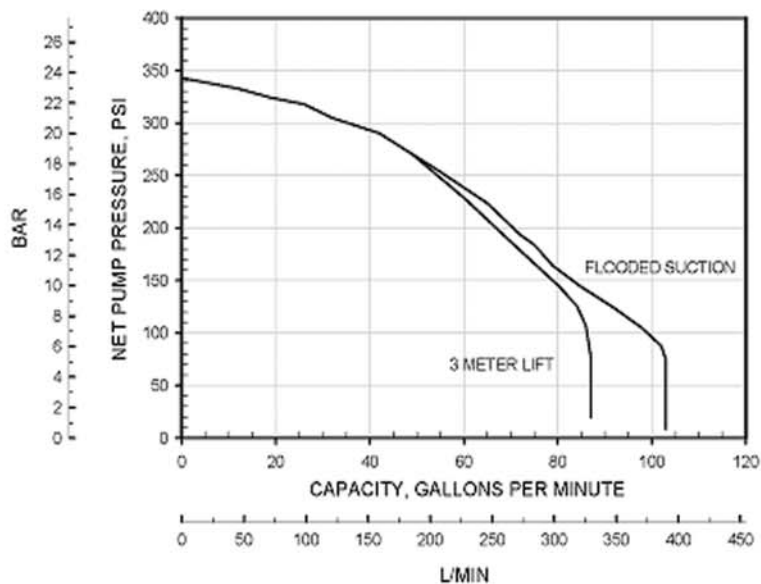
PORTABLE AND MOTOR PUMP

PB18-G2015 Series

Designed for wildland/attack fire suppression, the rugged and powerful Waterous PB18-G2015 is a gear-driven centrifugal pump powered by a V-twin Briggs and Stratton® 18 HP (13.4 kW) engine and is available with no base or rail base option. Fuel tank is 3-gallon (11 liter) fuel tank that meets the EPA evaporative requirement (40 CFR Part 1060).



MAXIMUM FULL THROTTLE PERFORMANCE
PB18-G2015



NOTE: Wrap-Around Base Models not available in the USA or Canada.

SPECIFICATIONS – MOTOR PUMPS: PB18-G2015

Enhance Your Wildland/Attack Fire Suppression Capabilities

WATEROUS

NOTE: PB18-G2015 models equipped with Wrap-Around Bases are CE Marked (see below for Wrap-Around Base information).

PB18-G2015 Pump Performance							
	FLOW			PRESSURE			
	GPM	l/min	l/sec	PSI	bar	kPa	MPa
Max Flow	75	300	5	190	13	1300	1.3
Max Pressure	20	80	1.3	320	22	2200	2.2

Pump Specifications:

Type: Wildland - Attack

Gear Case:

Two-gear speed increaser utilizing high-strength aluminum alloy case, helical cut, hardened steel gears and anti-friction bearings.

Intake: 2 inch female NPT, Optional 2 in. BSP (Straight) available

Discharge: Ball valve with 1-1/2 inch female NPT (G2015B)
1-1/2 inch female NPT, no ball valve (G2015F),
Optional 1-1/2 in. BSP (Straight) available

Console:

Operator's panel includes discharge pressure gauge, compound intake pressure gauge, low oil pressure warning light, start and stop control, speed control panel light and 12 volt outlet.

Optional: Panel with compound gauge with expanded vacuum scale.

Volute Body and Head:

High-strength aluminum alloy, anodized for superior corrosion resistance.

Impeller:

High-strength, corrosion-resistant bronze, fully-enclosed, double-hubbed to balance hydraulic thrust, mechanically balanced to eliminate vibration.

Wear Rings:

Long wearing bronze. Easy to replace when required to restore original pump efficiency.

Shaft Sleeve:

High-strength stainless steel.

Shaft Seal:

Spring-loaded mechanical type.

Priming:

Combination spark arresting muffler and exhaust primer, fast and easy to use. Quarter turn bronze priming valve operates with push/pull knob. Standard on wrap-around. Optional on no base and rail base.

Warranty

Waterous Two-Year Limited Warranty

Conditions of Sales

For details on Waterous Condition of Sales, refer to F-2190, *Conditions of Sales* located on the Waterous web site at www.waterousco.com or by contacting Waterous.

Dimensions:

Base Type	Length (in/cm)	Width (in/cm)	Height (in/cm)	Dry Weight (lb/kg)	Ship Weight (lb/kg)
Rail	22-3/4 (57.8)	19 (48.3)	20 (50.8)	120 (54.4)	148 (67.1)
Wrap-Around	31 (78.7)	20-1/2 (52.1)	21-1/2 (54.6)	152.5 (64.6)	178 (80.7)
No Base	22-1/2 (57.1)	19 (48.3)	19 (48.3)	108 (49.0)	136 (61.7)

Engine Specifications:

Engine:

Briggs & Stratton, model 356447, Vanguard V-Twin air cooled, overhead valve (OHV) design delivers a maximum output of 18 HP (13.4 kW) @ 3600 RPM. 34.75 cu. in. (570 cc) displacement, 4-cycle, gasoline fueled, horizontal shaft.

Lubrication:

Full pressure lubrication system with an automotive style oil filter. Oil fill tube with dipstick.

Starter:

12-volt electric and manual recoil.

Alternator:

16 A

Bases:

Rail (Standard):

Rigid steel channels. Control panel and fuel tank shipped loose.

No Base (Optional):

Control panel and fuel tank shipped loose.

Available for use outside USA and Canada:

Wrap-Around (Optional):

Tubular steel design to protect pump and engine from roll over damage. Swing away handles with vinyl grips that lock in either carry or stowed position. Includes control panel, battery tray and integral fuel tank with fuel level gauges. Optional mast light is available.

Fuel Tank:

Rail or No Base Models:

All PB18 models (except PB18-LE) with Rail or No Base will have a shipped-loose, 3-gallon (11 liter) fuel tank that meets the EPA evaporative requirement (40 CFR Part 1060).

Wrap-Around Base Models (not available in the USA or Canada):

PB18 models with Wrap-Around Base will have an integral 3-gallon (11 liter) fuel tank with fuel level gauge.