



**WP90-12V**



**WP60-12V**



**WP40-12V**

## **Product Feature**

Whale submersible pumps for sampling groundwater are available in 3 different models:

WP40-12V lifts up to **40 feet (12 m)** & requires 12V DC input

WP60-12V lifts up to **60 feet (18 m)** & requires 12V DC input

WP90-12V lifts up to **90 feet (27 m)** & requires 12V DC input

Connect to a 12-volt battery by means of a cable and alligator clips that comes with each pump OR select a WASP 12V low flow controller to regulate pump speed. They all fit in 2-inch (5 cm) wells. These pumps can be used to sample and purge groundwater monitoring wells. **The manufacturer recommends: Intermittent use. Running periods should be restricted to 15 minutes followed by 5-minute cool down periods.**

## Specifications

	WP40-12	WP60-12	WP90-12
<b>Maximum Lift*</b>	12 m 40 ft	18 m 60 ft	27 m 90 ft
<b>Pump Diameter</b>	36 mm 1.42 in	43 mm 1.7 in	43 mm 1.7 in
<b>Pump Length</b>	128 mm 5 in	260 mm 10.2 in	392 mm 15.4 in
<b>Port Size</b>	11 /14 mm 0.43 / 0.55 in	11 /14 mm 0.43 / 0.55 in	11 /14 mm 0.43 / 0.55 in
<b>Max. Power</b>	52.5 W	96 W	120 W
<b>Voltage Range</b>	10 - 15 V	10 - 15 V	10 - 15 V
<b>Max. Current</b>	3.5 A	6.4 A	8.0 A
<b>Cable Length</b>	19 m 62 ft	19 m 62 ft	29 m 95 ft

## Additional Information

<b>Weight</b>	3 lbs
<b>Dimensions</b>	15 × 7 × 3 in
<b>Lift Capability</b>	40 ft – 12 m, 60 ft – 18 m, 90 ft – 27m

## Flow Rates for Pumps

	WP40-12	WP60-12	WP90-12
<b>Maximum Lift*</b>	12 m 40 ft	18 m 60 ft	27 m 90 ft
<b>Current Draw</b>	2.0 - 3.5 Amp	3.3 - 6.4 Amp	5.1 - 8.0 Amp
<b>3 m / 10 ft</b>	12.1 lpm 3.2 gpm	11.4 lpm 3.0 gpm	13.2 lpm 3.5 gpm
<b>6.1 m / 20 ft</b>	7.6 lpm 2 gpm	8.7 lpm 2.3 gpm	11.7 lpm 3.1 gpm
<b>9.1 m / 30 ft</b>	3.8 lpm 1 gpm	6.1 lpm 1.6 gpm	9.8 lpm 2.6 gpm
<b>12.2 m / 40 ft</b>	0.4 lpm 0.1 gpm	4.2 lpm 1.1 gpm	8.3 lpm 2.2 gpm
<b>15.2 m / 50 ft</b>	-	1.9 lpm 0.5 gpm	6.4 lpm 1.7 gpm
<b>18.3 m / 60 ft</b>	-	0.4 lpm 0.1 gpm	5.3 lpm 1.4 gpm
<b>21.3 m / 70 ft</b>	-	-	3.4 lpm 0.9 gpm
<b>24.4 m / 80 ft</b>	-	-	2.3 lpm 0.6 gpm
<b>27.4 m / 90 ft</b>	-	-	0.8 lpm 0.2 gpm