

WaSP 12 Volt Submersible Pumps

Designed for groundwater sampling

These simple to use 12V submersible pumps provide the flow rates and control needed to purge and sample groundwater from boreholes at depths of up to 26 metres.

Applications

- Purging and sampling groundwater from boreholes.
- Low flow purging and sampling
- Portable or dedicated use.

Benefits

- Simple to use.
- Inexpensive.
- Smooth and controlled flow rates.
- Longer life motors - can be run continuously.

Design features

- Nominal diameter
 - Standard pumps - 41mm
 - Narrow dia. pumps - 37mm
- Choice of 4 models (12m to 27m head).
- Screened inlets.



NEW

Slimline 37mm diameter
pump 20 metre head

NOTE
All pumps require
a 12V - 15V DC
power source
(not supplied)



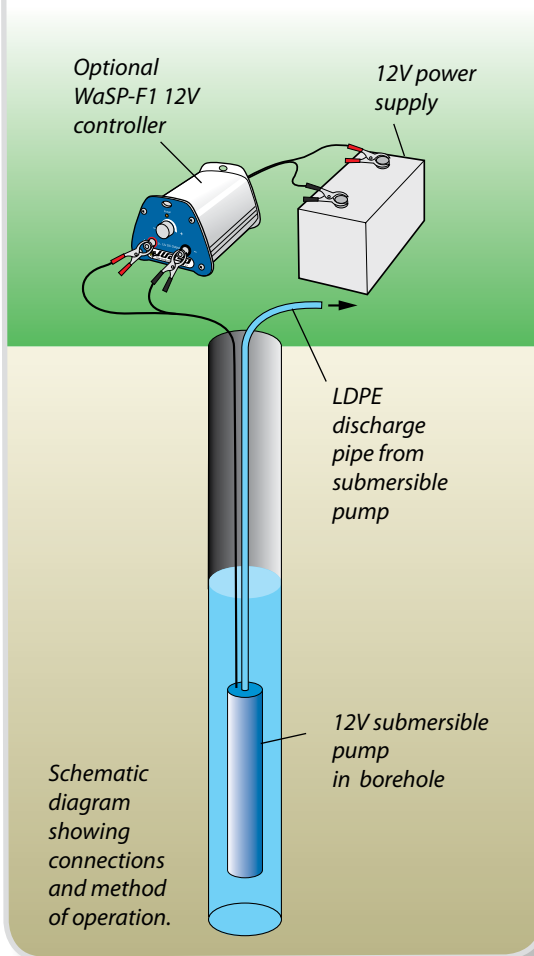
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www.waterra-in-situ.com

WaSP 12 Volt submersible pumps

The Waterra range of WaSP 12V submersible pumps are used to purge and sample groundwater from boreholes. They are simple to use, and with the addition of a WaSP-F1 Low Flow Controller, provide the groundwater professional with the ability to sample at low or high flow rates.


Method of operation



The optional Waterra WaSP-F1 low flow controller is the ideal accessory for the WaSP 12V submersible pump. See separate data sheet for details.

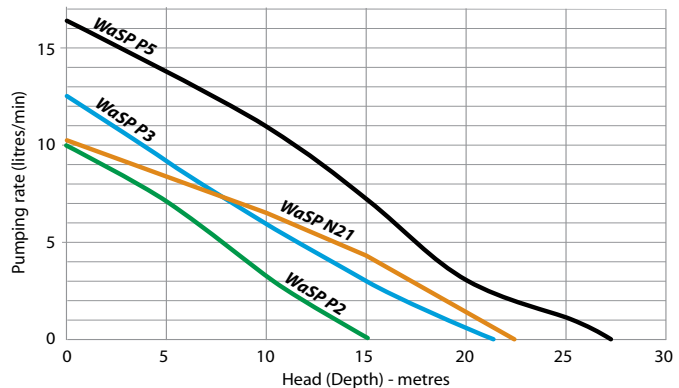


Technical specification



Technical	Units	WaSP P2	WaSP P3	WaSP P5	WaSP N21
Material		PVC	PVC	PVC	PVC
Maximum Lift	m	12	18	26	22
Maximum Flow	l/min	11	16	16	10
Duty cycle		Continuous	Continuous	Continuous	Continuous
Pump diameter	mm	41	41	41	37
Pump body length	mm	241	381	520	406
Max. Amps	Amps	7	11	15	-
Discharge tube (ID)	mm	10	10	10	10
Supplied cable	m	18	21	27	21

WaSP Pump rating curves (approx)



Ordering information

Order code	Description
WaSP Submersible Pumps	
WaSP P2	2 stage 12V submersible pump / 18m cable
WaSP P3	3 stage 12V submersible pump / 21m cable
WaSP P5	5 stage 12V submersible pump / 27m cable
WaSP N21	Narrow diameter 12V submersible pump / 21m cable

WaSP-F1 Flow Controller

WaSP-F1	Low flow controller
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Accessories

LDPE 12/10-30m	30m LDPE discharge tubing (12mm OD x 10mm ID)
WTC-1	Waterra tubing cutter
CT25	Pack 25 cable ties

NOTE: All pumps require a 12V - 15V DC power source (not supplied). Waterra recommend the use of a marine or leisure battery (not a car battery).