

PUMPS 12 V



ADVANTAGES OF 12V PUMPS

- Connection with battery clamps
- Possibility to connect a low flow regulator
- Sampling depth up to 61 m using a booster

- Pump motors have a service life of approx. 300h
- Pumps are designed for continuous operation
- Pumps can run dry for almost 1 hour

PUMPS 12V

MINI-TYPHOON



UP TO 12 M DEPTH

For pumping between 1 and 12m, includes 15m of electric cable, connector to regulator and battery clamps. Dimension: Ø 46mm x L 305mm. Connects to a 9.5mm or 13mm inner Ø pipe. Optional: can be used with the Controller Low Flow (PA-10800).

TWISTER



UP TO 18 M DEPTH

For pumping between 1 and 18m, includes 21m of electric cable, connector to regulator and battery clamps. Dimension: Ø 46mm x L 432mm. Connects to a 9.5mm or 13mm inner Ø pipe. Optional: can be used with the Controller Low Flow (PA-10800).

MINI MONSOON



UP TO 21 M DEPTH

For pumping between 1 and 21m, includes 24m of electric cable, connector to regulator and battery clamps. Dimension: Ø 46mm x L 432mm. Connects to a 9.5mm or 13mm inner Ø pipe. Optional: can be used with the Controller Low Flow (PA-10800).

SUPER TWISTER



UP TO 25 M DEPTH

For pumping between 1 and 25m, includes 27m of electric cable and battery clamps. Dimension: Ø 46mm x L 432mm. Connects to a 9.5mm or 13mm inner Ø pipe. No controller required.

TORNADO



UP TO 30 M DEPTH

For pumping between 1 and 30 m. Includes 33m of electric cable, connector to regulator and battery clamps. Dimension: Ø 46 mm x L 609 mm. Connects to a 9.5 mm or 13 mm inner Ø pipe. No controller required.

MONSOON



UP TO 36 M DEPTH

For pumping between 1 and 36m, includes 39m of electric cable with connector to regulator. Dimension: Ø 46mm x L 559mm. Connects to a 9.5mm or 13mm inner Ø pipe. Connection to Controller Power Booster 2 (PA-10700) or Controller Low Flow with Power Booster 2 (PA-10750) is required.

HURRICANE



UP TO 45 M DEPTH

For pumping between 1 and 45m, includes 48m of electric cable with plug for the regulator. Dimension: Ø 46mm x L 432mm. Connects to a 9.5mm or 13mm inner Ø pipe. Connection to Controller Power Booster 2 (PA-10700) or Controller Low Flow with Power Booster 2 (PA-10750) is required.

MEGA-MONSOON



UP TO 61 M DEPTH

For pumping between 1 and 61m, includes 64m of electric cable with plug for the regulator. Dimension: Ø 46mm x L 660mm. Connects to a 9.5mm or 13mm inner Ø pipe. Connection to the Controller Low Flow w/Power Booster 3 (PA-10850) is required.

CONTROLLER

Constant voltage regulation of the pumps 12 Volts. Includes protection against polarity change and thermal protection. Pump stop system. Can be used up to 0,1l/min.

**CONTROLLER LOW FLOW
PA 10800**



Allows to regulate the flow rate of the pumps 12 Volts. Includes protection against polarity change and thermal protection. Pump stop system. It can be regulated under flow rate up to 40ml/min. For MINI-TYPHOON, MINI MONSOON, TWISTER, TORNADO and SUPER TWISTER pumps.

**CONTROLLER POWER BOOSTER 2
PA 10700**



Constant voltage regulation (increases battery voltage output from constant 12v to 24v). Allows for flow regulation of 12 Volt pumps but not for low flow sampling. Includes anti-polarity anti-polarity change and thermal protection. For MONSOON and HURRICANE pumps.

**CONTROLLER LOW FLOW W/POWER BOOSTER 2
PA 10750**



Constant voltage regulation. Allows the regulation of the flow rate of the 12 Volt pumps. Includes anti-polarity change protection and thermal protection. Pump stop system. It can be regulated under flow rate up to 40 ml/min. For MONSOON and HURRICANE pumps.

**CONTROLLER LOW FLOW W/ POWER BOOSTER 3
PA 10850**



Constant voltage regulation. Allows the regulation of the flow rate of the 12 Volt pumps. Includes anti-polarity change protection and thermal protection. Pump stop system. It can be regulated under flow rate up to 40 ml/min. For MEGA-MONSOON pump.

PUMPS 12V

Plastic pumps

PUMP 12V	CONTROLLER	3 0,9	10 3,0	20 6,0	30 9,0	40 12,1	50 15,2	60 18,3	70 21,3	80 24,3	85 25,9	90 27,4	100 30,4	120 36,6	150 45,7	180 54,8	200 60,9	ft. m.
Mini Typhoon hasta 12 m.	Controller Low Flow PA10800 *	9,4	8,3	7,5	3,7	0,9	-	-	-	-	-	-	-	-	-	-	-	L/min
Twister hasta 18 m	Controller Low Flow PA10800 *	12,1	10,5	8,3	6,6	4,5	2,8	1,5	-	-	-	-	-	-	-	-	-	L/min
Mini Monsoon up to 21 m.	Controller Low Flow PA10800 *	15,4	12,1	10,5	8,3	5,6	3,7	2,2	0,9	-	-	-	-	-	-	-	-	L/min
Super Twister up to 25 m.	Controller Low Flow PA10800 *	15,1	13,2	11,3	10,9	10,4	9,0	7,6	5,6	3,7	2,2	-	-	-	-	-	-	L/min
Tornado hasta 30 m.	Regulador Low Flow PA10800 *	14,1	13,2	11,2	10,4	9,4	7,6	5,6	3,7	1,8	-	1,5	0,9	-	-	-	-	L/min
Monsoon up to 36 m.	Controller PA10700 or Controller Low Flow c/Power Booster PA10750 **	-	16,6	15,8	-	13,2	10,5	-	7,9	7,2	6,0	-	5,6	3,7	-	-	-	L/min
Hurricane up to 45 m.	Power Booster PA10700 ó Regulador Low Flow c/Power Booster PA10750 **	-	17,0	15	-	11,3	10,4	-	8,5	7,6	6,6	-	5,1	4,3	0,9	-	-	L/min
Mega Monsoon up to 61 m.	Controller Low Flow c/ Power Booster PA10850 **	-	15	14	-	10,4	9,4	-	7,5	6,6	6,6	-	6,2	5,6	1,8	1	0,5	L/min

* Controller optional

** Controller required

ACCESORIES

PIPING



FILTERS 0,45μ



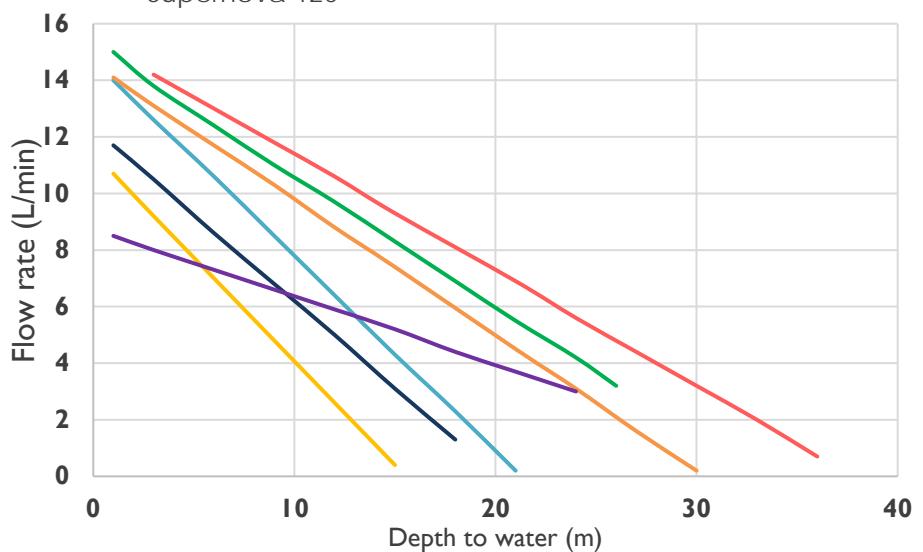
- Smooth PVC pipe Ø10-13mm, rolls of 50m.
- LDPE pipe Ø13-15mm, rolls of 60m.

Disposable. To effectively filter water in large volumes or with a high degree of turbidity. The 45μ filter has a filtration area of 700cm².

— Typhoon — Twister — Mini Monsoon

— Super Twister — Tornado — Supernova 70

— Supernova 120



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