



## PUMP SPECIFICATION AND PRICING (January 2003)

Note: The pump results were conducted while the pumps were running continuously for over two hours!

Note: To increase any of the Standard Groundwater pump's performance, leave vehicle running.

### CALL GEOTECHNICAL SERVICES FOR SALE PRICING\*

800-524-9111

Standard Groundwater Pumps <small>Operates with 12 Volt battery</small>	Item Number	PUMPING DEPTH → VOLUME ↓	3	10	20	30	40	50	60	70	80	RETAIL PRICE*
			FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET		
<b>Cyclone</b> <small>*1 - STAGE*</small>	P-10100	GALLONS PER MINUTE	2.0	1.0	.35	(25 FEET) .25	N/A	N/A	N/A	N/A	N/A	\$189.00 US dollars
<b>Mini-Typhoon</b> <small>*2 - STAGE*</small>	P-10150	GALLONS PER MINUTE	2.5	2.2	2.0	1.0	(43 FEET) .25	N/A	N/A	N/A	N/A	\$139.00 US dollars
<b>Typhoon</b> <small>*2 - STAGE*</small>	P-10200	GALLONS PER MINUTE	3.0	2.3	2.0	1.0	0.6	.25	N/A	N/A	N/A	\$275.00 US dollars
<b>Tempest</b> <small>*3-STAGE*</small>	P-10250	GALLONS PER MINUTE	3.2	2.8	2.2	1.75	1.2	(55 FEET) .25	N/A	N/A	N/A	\$209.00 US dollars
<b>Mini-Monsoon</b> <small>*4-STAGE*</small>	P-10300	GALLONS PER MINUTE	4.0	3.2	2.8	2.2	1.5	1.0	.60	(73 FEET) .25	N/A	\$229.00 US dollars

### INCREASED PERFORMANCE!

High Performance Groundwater Pumps <small>Operates with 19 - 24 Volt Booster</small>	Item Number	PUMPING DEPTH → VOLUME ↓	3	10	20	30	40	50	60	70	80	90	100	110	120	RETAIL PRICE*
			FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	
<b>Mega-Typhoon</b> <small>*2 - STAGE*</small>	P-10350	GALLONS 24 V. PER 12V. MINUTE	4.0 3.0	3.5 2.3	3.1 2.0	3.2 1.0	2.0 0.6	1.5 .25	1.0 N/A	0.5 N/A	.25 N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	\$279.00 US dollars
<b>Tsunami</b> <small>*3 - STAGE*</small>	P-10400	GALLONS 24 V. PER 12V. MINUTE	4.3 3.0	4.0 2.8	3.8 2.0	3.6 1.0	3.2 .25 46ft	3.0 N/A	2.2 N/A	2.0 N/A	1.25 N/A	1.0 N/A	.50 N/A	N/A N/A	N/A N/A	\$459.00 US dollars
<b>Monsoon</b> <small>*4 - STAGE*</small>	P-10500	GALLONS 24 V. PER 12V. MINUTE	4.6 3.25	4.4 3.0	4.2 2.25	4.0 1.75	3.5 1.25	2.8 .75	2.3 .25	2.1 N/A	2.0 N/A	1.6 N/A	1.5 N/A	1.25 N/A	1.0 N/A	\$489.00 US dollars

# PUMP CONTROLLERS/POWER BOOSTERS AND ACCESSORIES

ACCESSORIES:	Item Number	DESCRIPTION:	RETAIL PRICE*
<b>Econo-Power Booster I</b> USED WITH THE MEGA-TYPHOON	PA-10500	BOOSTS 12 VOLTS TO 24 VOLTS. USED FOR THE MEGA-TYPHOON THIS BOOSTER IS THE "ECONOMICAL VERSION" <i>THIS DEVICE CANNOT TOTALLY SHUT OFF THE MEGA-TYPHOON BECAUSE THE BOOSTER IS ENGINEERED TO BOOST VOLTAGE FROM THE BATTERY.</i> THIS ECONO-POWER BOOSTER WILL PRODUCE A FULL 24 VOLTS AT THE SOURCE (WITH LOWER AMPERAGE) AND 13.5 VOLTS AT THE PUMP MOTORS.	\$140.00 US dollars
<b>Power Booster I Controller</b> USED WITH THE MEGA-TYPHOON	PA-10600	BOOSTS 12 VOLTS TO 19 VOLTS. USED FOR THE MEGA - TYPHOON. THE FLOW CONTROL KNOB WILL ACTIVATE WHEN THE USER STARTS FROM #3 ON THE DIAL. <i>THIS DEVICE CANNOT TOTALLY SHUT OFF THE MEGA -TYPHOON MOTORS BECAUSE THIS BOOSTER IS ENGINEERED TO BOOST VOLTAGE FROM THE BATTERY SOURCE.</i> IF YOU SET THE DIAL TO 1, THE POWER BOOSTER I WILL PRODUCE A VOLTAGE OUTPUT EQUIVILANT TO THE CAR'S BATTERY. IF THE POWER BOOSTER I IS SET TO 5, IT WILL PRODUCE A FULL 19 VOLTS AT THE SOURCE AND 13.5 VOLTS AT THE PUMP MOTORS.	\$325.00 US dollars
<b>Power Booster II Controller</b> USED WITH THE TSUNAMI OR MONSOON	PA-10700	BOOSTS 12 VOLTS TO 24 VOLTS. USED FOR THE TSUNAMI & MONSOON. THE FLOW CONTROL KNOB WILL ACTIVATE WHEN THE USER STARTS FROM #3 ON THE DIAL. <i>THIS DEVICE CANNOT TOTALLY SHUT OFF THE TSUNAMI OR THE MONSOON MOTORS BECAUSE THE BOOSTER IS ENGINEERED TO BOOST VOLTAGE FROM THE BATTERY SOURCE.</i> IF YOU SET THE DIAL TO 1, THE POWER BOOSTER II WILL PRODUCE A VOLTAGE OUTPUT EQUIVILANT TO THE CAR'S BATTERY. IF THE POWER BOOSTER II IS SET TO 5, IT WILL PRODUCE A FULL 24 VOLTS AT THE SOURCE AND 13.5 VOLTS AT THE PUMP MOTORS.	\$325.00 US dollars
<b>Low Flow With Power Booster I Controller</b> USED WITH THE MEGA-TYPHOON	PA-10650	BOOSTS 12 VOLTS TO 19 VOLTS. USED FOR THE MEGA - TYPHOON. THE FLOW CONTROL KNOB WILL ACTIVATE WHEN THE USER STARTS FROM #1 ON THE DIAL. <i>THIS CONTROLLER CAN TOTALLY SHUT OFF THE MEGA -TYPHOON MOTORS DUE TO SEVERAL REVOLUTIONARY MICROPROCESSOR CHIPS.</i> THIS CONTROLLER IS THE ULTIMATE DEVICE WHEN THE USER NEEDS TO ACHIEVE A LOW FLOW SAMPLE OR NEEDS TO EXPEDITE A FAST PURGING OF THE WELL. FOR MAXIMUM PERFORMANCE TURN THE CONTROLLER TO #5 TO ACHIVE MAXIMUM PUMPING PERFORMANCE.	\$500.00 US dollars
<b>Low Flow With Power Booster II Controller</b> USED WITH THE TSUNAMI OR MONSOON	PA-10750	BOOSTS 12 VOLTS TO 24 VOLTS. USED FOR THE TSUNAMI OR THE MONSOON. THE FLOW CONTROL KNOB WILL ACTIVATE WHEN THE USER STARTS FROM #1 ON THE DIAL. <i>THIS DEVICE CAN TOTALLY SHUT OFF THE PUMP MOTORS DUE TO SEVERAL REVOLUTIONARY MICROPROCESSOR CHIPS.</i> THIS DEVICE IS THE ULTIMATE CONTROLLER WHEN THE USER NEEDS TO DO A LOW FLOW SAMPLE OR NEEDS TO EXPEDITE A FAST PURGING OF THE WELL. FOR MAXIMUM PERFORMANCE TURN THE CONTROLLER TO #5 TO ACHIVE MAXIMUM PUMPING PERFORMANCE.	\$500.00 US dollars
<b>Low Flow Sampling Controller</b> USED WITH THE CYCLONE MINI-TYPHOON, TYPHOON, TEMPEST OR MINI-MONSOON	PA-10800	USED FOR LOW FLOW SAMPLING. THIS CONTROLLER ENABLES THE TECHNICIAN TO CONDUCT LOW FLOW SAMPLING, BY SIMPLY HOOKING UP THIS UNIT TO THE CYCLONE, MINI-TYPHOON, TYPHOON OR MINI-MONSOON. <i>THE USER HAS FULL CONTROL OVER THE PUMPS MOTORS,</i> THERFORE, THE USER CAN TURN DIAL TO #1 FOR ULTRA-LOW FLOW SAMPLING OR FOR FASTER PUMPING RATES TURNING THE DIAL TO #5. <i>THIS SYSTEM DOES NOT BOOST VOLTAGE!</i>	\$325.00 US dollars
<b>Quick- connect battery adapter for Mega-Typhoon</b>	PA-10900	1 FOOT LONG BATTERY ADAPTER FOR USE WITH THE MEGA - TYPHOON. CONNECT THIS ADAPTER TO THE MEGA - TYPHOON THEN CONNECT IT TO THE CAR BATTERY. THIS ADAPTER WILL ALLOW A DIRECT CONNECT TO THE CAR BATTERY.	\$15.00/ea. US dollars
<b>Quick- connect battery adapter for the Tsunami OR Monsoon</b>	PA-11000	1 FOOT LONG BATTERY ADAPTER FOR USE WITH THE TSUNAMI OR MONSOON. CONNECT THIS ADAPTER TO THE TSUNAMI OR MONSOON THEN CONNECT IT TO THE CAR BATTERY. THIS ADAPTER WILL ALLOW A DIRECT CONNECT TO THE CAR BATTERY.	\$15.00/ea. US dollars
<b>Low flow sampling battery adapter for the Cyclone,Mini - Typhoon,Typhoon, Tempest or Mini - Monsoon</b>	PA-12000	1 FOOT LONG BATTERY ADAPTER FOR USE WITH THE CYCLONE, MINI-TYPHOON,TYPHOON, TEMPEST OR MINI-MONSOON. CONNECT THIS ADAPTER TO THE PUMP THEN CONNECT IT TO THE CAR BATTERY. THIS ADAPTER WILL ALLOW A DIRECT CONNECT TO THE CAR BATTERY.	\$15.00/ea US dollars
<b>Low flow sampling adapter for the Cyclone,Mini -Typhoon,Typhoon, Tempest or Mini -Monsoon</b>	PA-13000	THIS ADAPTER IS CONNECTED TO THE PUMP (AT OUR FACTORY) IN PLACE OF THE BATTERY CONNECTORS. WE ALWAYS RECOMMEND THAT THE TECHNICIAN ALSO PURCHASE THE LOW FLOW SAMPLING BATTERY QUICK CONNECT ADAPTER → ITEM NUMBER PA-12000. THIS WILL ALLOW THE TECHNICIAN TO CONNECT THE PUMP TO EITHER DIRECTLY TO THE BATTERY OR DIRECTLY TO THE LOW FLOW SAMPLING CONTROLLER.	\$8.00/ea US dollars

- THE CYCLONE, MINI-TYPHOON, TYPHOON, TEMPEST AND MINI-MONSOON SHIP 5 PUMPS TO A CASE.
- ALSO, EACH OF THE 5 BOXES ARE PRIVATE LABELED WITH YOUR COMPANY NAME AND PHONE NUMBER.
- THE TSUNAMI, AND MONSOON SHIP 3 PUMPS TO A CASE OR 5 PUMPS TO A CASE.
- EACH PUMP IS INDIVIDUALLY BOXED. "EASIER FOR YOU TO SHIP TO YOUR CUSTOMER"
- ALL BOXES ARE PRIVATE LABELED WITH YOUR COMPANY NAME AND PHONE NUMBER.