

Stainless Steel Submersible Pumps

advanced design



WSP-SS-80NC
mini-monsoon

Waterra is now offering five new **Stainless Steel 12 Volt Submersible Pumps** from Proactive™. These new pumps offer many features and advantages over other stainless steel submersible pumps.

The **WSP-SS-80** and the **WSP-SS-80NC** are capable of up to 80' of lift, the **WSP-SS-120** is capable of up to 120' of lift, the **WSP-SS-150** is capable of up to 150' of lift and the **WSP-SS-200** is capable of up to 200' of lift.

These pumps are all single stage, centrifugal pumps. They can be easily disassembled for decontamina-

tion or motor replacement. Their advanced design makes them largely impervious to silt and sand. These pumps are designed for 2" ID or larger monitoring wells.

Each stainless steel pump is only 1.82" OD and constructed of three high polished stainless steel parts:

1. The replaceable motor module
2. The motor housing top connector
3. The outside pump housing

features

- HAVE BEEN INSTALLED IN HUNDREDS OF REMEDIATION SITES USING PUMP AND TREAT SYSTEMS

"60 SECOND CHANGE OUT" MOTOR DESIGN

The main wear out parts, consisting of the motor and seal, all have been incorporated into a single replaceable motor module.

Should the existing replaceable motor module fail in the field, a new replaceable motor module can quickly be installed within 60 seconds by a simple quarter turn twist.

Once installed, your pump is essentially new, and will have a lifespan identical to a new pump.



TOP MOTOR HOUSING
CONNECTOR



REPLACEABLE STAINLESS STEEL
MOTOR MODULE

The advanced design of these stainless steel pumps makes them largely impervious to silt and sand.

WSP-SS-200
MEGA- MONSOON®

- CAN ALSO BE USED WITH SOLAR PANELS FOR LONG TERM GROUNDWATER REMEDIATION
- SIMPLE TO USE—RUNS OFF OF ANY 12 VOLT DC BATTERIES
- BOTTOM DEBRIS FILTER SCREEN ALLOWS OPERATION UNDER HARSH CONDITIONS WITH HIGHER TURBIDITY
- LONG LASTING, HIGH PERFORMANCE PUMP MOTOR LASTS OVER 400 HOURS UNDER NORMAL WORKING CONDITIONS.
- SIMPLE TO CLEAN & DECONTAMINATE



WSP-SS-80NC (Mini-Monsoon®)

FOR HARSH ENVIRONMENTS

This pump is capable of pumping up to **80 feet** from ground level by simply connecting it to a 12 volt battery. Its reliable design is suitable for continuous groundwater purging or long-term remediation projects.

It comes supplied with 90 feet of heavy duty 10 gauge wire, one motor module and wrench.

CONTROLLER

does not require a power booster or controller

features

- GREAT SUBSTITUTE FOR ENGINEERED PLASTIC PUMPS
- CAN ALSO BE USED WITH SOLAR PANELS FOR LONG TERM GROUNDWATER REMEDIATION

WSP-SS-80NC MINI-MONSOON®

12 VOLT / LENGTH — 7.5"



Stainless Steel Submersible Pumps (continued)

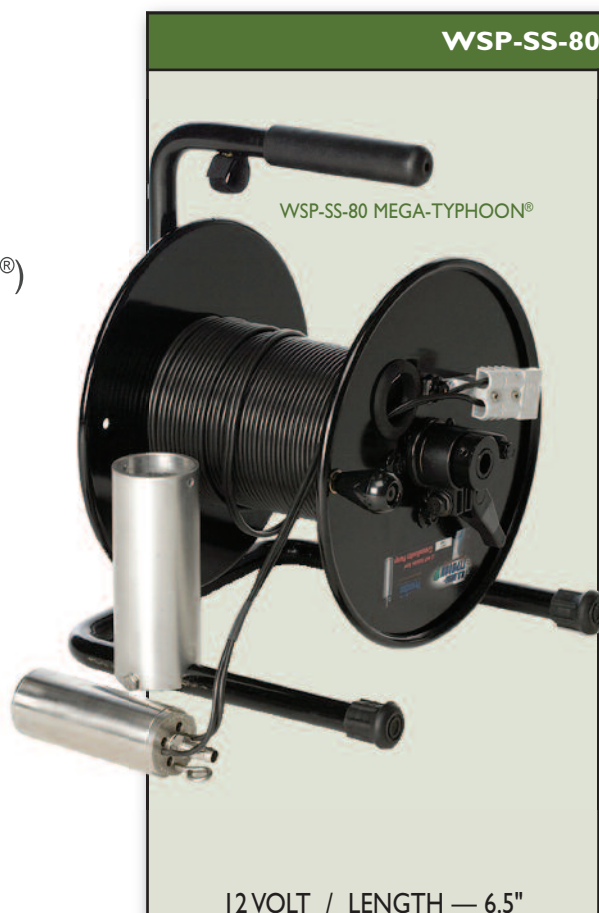


WSP-SS-80
(mega-typhoon®)

PA-10660
controller

WSP-SS-120
(monsoon®)

PA-10670
controller



WSP-SS-80 (Mega-Typhoon®)

EXTREMELY POWERFUL

This pump is capable of pumping up to **80 feet** from ground level by simply connecting it to the **PA-10660** (Low Flow with Power Booster I "LCD") Controller, then to a 12 volt battery, thereby energizing the pump.

It comes supplied with 90 feet of heavy duty 12 gauge wire, neatly rolled up on a tubular metal reel with pump holder, 2 motor modules, disposable low flow control valve and wrench.

features

- RELIABLE DESIGN IS SUITABLE FOR CONTINUOUS PURGING OF GROUNDWATER WELLS
- LOW FLOW SAMPLE AS LOW AS 10 ML PER MINUTE, FROM ANY DEPTH, WHEN USING THE PA-10660 CONTROLLER AND LOW FLOW CONTROL VALVE
- EASY TO READ LCD DISPLAY CONVENIENTLY PLACED ON TOP OF THE PA-10660 CONTROLLER
- PURCHASE OF THE WSP-SS-80 INCLUDES 1 REPLACEMENT MOTOR MODULE
- MOUNTED ON A HEAVY DUTY STEEL REEL

PA-10660 (Low Flow with Power Booster I "LCD" Controller)



ENGINEERED SPECIFICALLY FOR THE WSP-SS-80 (MEGA-TYPHOON®)

With the **PA-10660** Controller, the user can precisely control the water discharge with the turn of a knob. This controller is used to monitor and regulate low flow sampling as low as 40ml/min.

features

- ENGINEERED WITH REVERSE POLARITY PROTECTION
- ADVANCED THERMAL OVERLOAD PROTECTION
- HEAVY DUTY STEEL WEATHERPROOF CASE
- EASY TO READ LCD FOR PRECISE CONTROL
- 6 MONTH PARTS & LABOUR WARRANTY
- "RAMP-UP" CONTROL DIAL
- STEEL HANDLE FOR COMFORT & CONTROL
- 30 AMP "SAFETY" FUSE TO PROTECT ELECTRONICS & USER
- LOW VOLTAGE DISCONNECT (LVD) AT 10.75 VOLTS (TURNS OFF CONTROLLER OR ALLOWS PUMP TO PULSATE)
- CONSTANT VOLTAGE BOOSTING TECHNOLOGY (CVBT) ALLOWS THE CORRECT VOLTAGE TO REACH THE PUMP MOTORS

WSP-SS-120 (Monsoon®)



SIMPLE TO USE

This pump is capable of pumping up to **120 feet** from ground level by simply connecting it to the **PA-10670** (Low Flow with Power Booster 2 "LCD") Controller, then to a 12 volt battery, thereby energizing the pump. Its reliable design is suitable for continuous purging of groundwater wells.

It comes supplied with 130 feet of heavy duty 12 gauge wire, neatly rolled up on a tubular metal reel with pump holder; 2 motor modules, disposable low flow control valve and wrench.

features

- LOW FLOW SAMPLE AS LOW AS 10 ML PER MINUTE, FROM ANY DEPTH, WHEN USING THE PA-10670 CONTROLLER & LOW FLOW CONTROL VALVE
- EASY TO READ LCD DISPLAY CONVENIENTLY PLACED ON TOP OF THE PA-10670 CONTROLLER
- CAN ALSO BE USED WITH SOLAR PANELS FOR LONG TERM GROUNDWATER REMEDIATION
- PURCHASE OF THE WSP-SS-120 INCLUDES 1 REPLACEMENT MOTOR MODULE
- MOUNTED ON A HEAVY DUTY STEEL REEL

PA-10670 (Low Flow with Power Booster 2 "LCD" Controller)



ENGINEERED SPECIFICALLY FOR THE WSP-SS-120 (MONSOON®)

With the **PA-10670** Controller, the user can precisely control the water discharge with the turn of a knob. This controller is used to monitor and regulate low flow sampling as low as 40ml/min.

features

- ENGINEERED WITH REVERSE POLARITY PROTECTION
- ADVANCED THERMAL OVERLOAD PROTECTION
- HEAVY DUTY STEEL WEATHERPROOF CASE
- EASY TO READ LCD FOR PRECISE CONTROL
- LOW VOLTAGE DISCONNECT (LVD) AT 10.75 VOLTS (TURNS OFF CONTROLLER OR ALLOWS PUMP TO PULSATE)
- CONSTANT VOLTAGE BOOSTING TECHNOLOGY (CVBT) ALLOWS THE CORRECT VOLTAGE TO REACH THE PUMP MOTORS
- 30 AMP "SAFETY" FUSE TO PROTECT ELECTRONICS & USER
- 6 MONTH PARTS & LABOUR WARRANTY
- "RAMP-UP" CONTROL DIAL
- 3 FOOT WIRE LEAD TO BATTERY CLAMPS & 5 FOOT WIRE LEADS TO PUMP CONNECTOR
- STEEL HANDLE FOR COMFORT & CONTROL

Stainless Steel Submersible Pumps (continued)



WSP-SS-150
(hurricane®)

WSP-SS-200
(mega-monsoon®)

WSP-SS-150 (Hurricane®)

SIMPLE TO USE & EXTREMELY POWERFUL

This pump is capable of pumping up to **150 feet** from ground level by simply connecting it to the **PA-10675** (Low Flow with Power Booster 2.5 "LCD") Controller, then to a 12 volt battery, thereby energizing the pump. Its reliable design is suitable for continuous purging of groundwater wells.

It comes supplied with **160 feet** of heavy duty **10 gauge** wire, neatly rolled up on a tubular metal reel with pump holder, 2 motor modules, disposable low flow control valve and wrench.

features

- LOW FLOW SAMPLE AS LOW AS 10 ML PER MINUTE, FROM ANY DEPTH, WHEN USING THE PA-10675 CONTROLLER & LOW FLOW CONTROL VALVE
- EASY TO READ LCD DISPLAY CONVENIENTLY PLACED ON TOP OF THE PA-10675 CONTROLLER
- PURCHASE OF THE WSP-SS-150 INCLUDES 1 REPLACEMENT MOTOR MODULE
- MOUNTED ON A HEAVY DUTY STEEL REEL

WSP-SS-150
HURRICANE®



12VOLT / LENGTH — 7.5"

PA-10675 (Low Flow with Power Booster 2.5 "LCD" Controller)



ENGINEERED SPECIFICALLY FOR WSP-SS-150 (HURRICANE®)

With the **PA-10675** Controller, the user can precisely control the water discharge with the turn of a knob. This controller is used to monitor and regulate low flow sampling as low as 40ml/min.

features

- ENGINEERED WITH REVERSE POLARITY PROTECTION
- ADVANCED THERMAL OVERLOAD PROTECTION
- HEAVY DUTY STEEL WEATHERPROOF CASE
- EASY TO READ LCD FOR PRECISE CONTROL
- LOW VOLTAGE DISCONNECT (LVD) AT 10.75 VOLTS (TURNS OFF CONTROLLER OR ALLOWS PUMP TO PULSATE)
- CONSTANT VOLTAGE BOOSTING TECHNOLOGY (CVBT) ALLOWS THE CORRECT VOLTAGE TO REACH THE PUMP MOTORS
- 30 AMP "SAFETY" FUSE TO PROTECT ELECTRONICS & USER
- 6 MONTH PARTS & LABOR WARRANTY
- "RAMP-UP" CONTROL DIAL
- STEEL HANDLE FOR COMFORT & CONTROL

WSP-SS-200 (Mega-Monsoon®)

SIMPLE TO USE

The **SS Mega-Monsoon®** pump is capable of pumping up to **200 feet** from ground level by simply connecting it to the **PA-10680** (Low Flow with Power Booster 3 "LCD") Controller; then to a 12 volt battery, thereby energizing the pump. Its reliable design is suitable for continuous purging of ground-water wells.

It comes supplied with 210 feet of heavy duty 10 gauge wire, neatly rolled up on a tubular metal reel with pump holder; 2 motor modules, disposable low flow control valve and wrench.



12 VOLT / LENGTH — 7.5"

WSP-SS-200
MEGA-MONSOON®

features

- LOW FLOW SAMPLE AS LOW AS 10 ML PER MINUTE, FROM ANY DEPTH, WHEN USING THE PA-10680 CONTROLLER & LOW FLOW CONTROL VALVE
- EASY TO READ LCD DISPLAY CONVENIENTLY PLACED ON TOP OF THE PA-10680 CONTROLLER
- CAN ALSO BE USED WITH SOLAR PANELS FOR LONG TERM GROUNDWATER REMEDIATION
- PURCHASE OF THE WSP-SS-200 INCLUDES 1 REPLACEMENT MOTOR MODULE
- MOUNTED ON A HEAVY DUTY STEEL REEL

PA-10680 (Low Flow with Power Booster 3 "LCD" Controller)



ENGINEERED SPECIFICALLY FOR THE WSP-SS-200 (MEGA-MONSOON®)

With the **PA-10680** Controller, the user can precisely control the water discharge with the turn of a knob. This controller is used to monitor and regulate low flow sampling as low as 40ml/min.

features

- ENGINEERED WITH REVERSE POLARITY PROTECTION
- ADVANCED THERMAL OVERLOAD PROTECTION
- HEAVY DUTY STEEL WEATHERPROOF CASE
- EASY TO READ LCD FOR PRECISE CONTROL
- LOW VOLTAGE DISCONNECT (LVD) AT 10.75 VOLTS (TURNS OFF CONTROLLER OR ALLOWS PUMP TO PULSATE)
- CONSTANT VOLTAGE BOOSTING TECHNOLOGY (CVBT) ALLOWS THE CORRECT VOLTAGE TO REACH THE PUMP MOTORS
- 30 AMP "SAFETY" FUSE TO PROTECT ELECTRONICS & USER
- 6 MONTH PARTS & LABOUR WARRANTY
- "RAMP-UP" CONTROL DIAL
- 3 FOOT WIRE LEAD TO BATTERY CLAMPS & 5 FOOT WIRE LEADS TO PUMP CONNECTOR
- STEEL HANDLE FOR COMFORT & CONTROL