



# Owner's Manual

## Watermarked Action Switch Box

**Rainwater/Main Supply Change Over Pump System**  
Models: WM-ASB-SMH350, WM-ASB-SMH450,  
WM-ASB-SMH550, WM-ASB-JS110  
**(Watermarked to ATS5200.477)**

### Product Data

Specifications	Data
Maximum Rainwater/Mains Supply Pressure	500kPa
Maximum Temperature	40 Degree C
Rated Supply Voltage	230-240V a.c.
Maximum Electrical Load	10 Amp
Minimum Flow Rate for Rainwater Switching	3 litre per minute
Mains Water Supply Inlet	RP3/4
Rainwater Supply (Pump) Inlet	RP3/4
Service (House) Supply Outlet	RP3/4

### **Important**

**Please keep this information in a safe place for future reference.**



**Action Switch Box is a pre assembled Rainwater/Main Supply Change Over Pump System for non-drinking applications. Child Safe and out-of sight, these systems are a great additional to any home, business or commercial property.**

**We hope you enjoy the benefits of owning this state-of-the-art water conservation solution from Action Tanks Industries Pty Ltd.**

**Information to be completed by the builder/owner**

Master Cell Capacity	
Servant Cell Capacity (if any)	
Purchase Date	
Purchased By	
Purchased From	
Receipt Number	

**Information to be completed by the plumber/installer**

Master Cell serial number	
Servant Cell serial number/s (if any)	
Pump System serial number	
Installed By	
Installed Date	
Commissioned By	
Commissioned Date	

## 1. General Maintenance

The water that goes into your tank will be the water that comes out of your tank. By keeping your gutters clean, leaf screen free of leaves and debris, garden beds at the proper height and checking for damaged pipe work, you will ensure your tank water quality will be at its best.

As the homeowner, you can help prolong the life of the pump system by following Action Tank Industries Pty Ltd simple maintenance plan.

### Visually inspect the pump system for leaks and clear vents *(every 3 months or as required)*

Date:	Date:	Date:
Date:	Date:	Date:
Date:	Date:	Date:

### Visually inspect and clean leaf screen & First Flush Diverter *(every 3 months or as required)*

Date:	Date:	Date:
Date:	Date:	Date:
Date:	Date:	Date:

### Visually inspect and clean gutters *(every 3 months or as required)*

Date:	Date:	Date:
Date:	Date:	Date:
Date:	Date:	Date:

### Clean tank and remove sediment and sludge *(every 24 months or as required)*

Date:	Date:	Date:
Date:	Date:	Date:
Date:	Date:	Date:

### Visually inspect drainage pipe and non-return valve *(every 3 months or as required)*

Date:	Date:	Date:
Date:	Date:	Date:
Date:	Date:	Date:

## 2. Servicing and Spare Parts

Action Rainwater Harvesting Systems should only be serviced by an Action Tank Industries Pty Ltd authorised service agent. Some components inside the pump system require regular servicing. Service agents carry some system parts and also have access to a full range of spare parts through Action Tank Industries Pty Ltd service network.

### **Replace Dual Check Valve inside Water Switch** *(every 36 months)*

Date:	Date:	Date:
Date:	Date:	Date:
Date:	Date:	Date:

### **Test Testable Double Check Valve (if installed)** *(upon commissioning and every 12 months there after)*

Date:	Date:	Date:
Date:	Date:	Date:
Date:	Date:	Date:

### 3. Trouble Shooting

Symptoms	Cause	Remedy
(1) No water is being delivered from pump	Water tank is empty	Wait until the tank has some water in it
	No power at outlet	Check power supply, circuit breakers and plug
	Bad signal from level sensor	Check installation and operation of the level sensor
	Pump has overheated	Allow pump to cool
	Pump is worn by abrasive or chemically aggressive material	Have pump serviced by professional. Check rain water system for source of materials
(2) No water is being delivered from pump: [WaterSwitch has gone into 'lost prime' mode (mains LED on, tank LED flashing)]	Valve on or between tank & WaterSwitch inlet is closed	Open gate valve. Check other taps (e.g. toilet water cistern tap) to make sure they are fully open
	Pump is not primed	Prime the pump before connecting WaterSwitch
	Filter cartridge is at end of life	Replace filter cartridge
(3) No water supply at all	Valves are closed	Open all valves
	Blockage in system	Clean tank interior, unblock all pipes
	Incoming mains water pressure is greater than 500kPa	Fit a pressure reduction valve to reduce incoming mains pressure
(4) Poor water pressure	Filter cartridge at end of life	Replace filter cartridge
	Too much flow through WaterSwitch	Have a pump professional look at flow rate
	Pump too small for application	Have a pump professional recommend a larger pump
(5) If pump runs on	Pump continuously runs	Bleed system of air. Activate appliances sequentially from the nearest to furthest. May need to repeat 3 times. If problems persist contact the manufacturer.

Please contact Action Tanks on 1800 066 587 for your nearest service agent locations.

#### Action Tank Industries Pty Ltd

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