

**IMPORTANT**

Please attach your sales invoice/docket here as proof of purchase should warranty service be required.

Please do not return Warranty – Retain for your records.

Purchased From .....

Purchase Date ..... Model Number .....

Owners Name .....

Address .....

City ..... State ..... Code .....

Phone .....

Notes .....

CUT HERE TO DETACH



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# MaxiSAVE<sup>®</sup>

## RM2000 / RM4000 Series

### The Smartest Rain/Mains Water Controller



Pre-plumbed pump and control valves



LED indicator and system test



Quick plug control unit



N17601



# OWNERS MANUAL

THE RIGHT CHOICE

# MaxiSAVE™

## RM2000 / RM4000

Congratulations on your purchase of the highest quality Rain/Mains Controller. With electronic features that makes the MaxiSAVE® RM System the smartest unit available.

- The MaxiSAVE® RM Series allows tankwater to be used for water supply in preference to mains water, the RM System will automatically switch from one water supply to the other as required.
- The MaxiSAVE® RM System allows for high volume water demands and is ideal for irrigation and larger home applications.
- The MaxiSAVE® RM System is designed to save water and reduce water expenses, it may also allow you to claim for a rebate when installed by a licensed plumber.
- The MaxiSAVE® RM System is energy efficient using less than 100 mA, thanks to the unique electronics and specially designed control valve.

## MAINTENANCE

The MaxiSAVE® RM series does not require any periodical maintenance, but requires clean water for reliable operation, therefore;

- Clean mains water and tank water filters (if fitted)
- Inspect and clean rainwater tank, first flush devices, guttering etc.

## WARRANTY

### TERMS & CONDITIONS

1. *Maxijet Australia warrants that the products are free of material and manufacturing defects for 24 months (2 years) from date of purchase. Maxijet will repair or replace any defective product free of charge at the premises of an authorized service agent.*
2. *This Warranty is valid only to the original owner, purchaser or end user. Proof of date of original purchase must be provided when making a claim for repairs or replacement under warranty.*
3. *This warranty excludes any infield removal or installation and transportation costs to and from Maxijets appointed service agent, and excludes defects caused by neglect or misuse, accident, fire, water, lightning, inadequate protection against freezing, other acts of nature, normal wear & tear, power fluctuations or any other cause which does not relate to a product defect.*
4. *Maxijet Australia shall not be liable for any direct or consequential loss or damage to persons or properties of any nature caused by any defect in the product whatsoever.*
5. *This guarantee is subject to the provision of the Trade Practices Act and Goods and Consumer Protection Legislation of the various states of Australia.*



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# MaxiSAVE®

## RM2000 / RM4000

*The smartest Rain/Mains Water Controller*



**UNIQUE** in design

**SMART** in control

**EFFICIENT** in consumption

**VERSATILE** in application

**SIMPLE** in function

**INFORMATIVE** in indication



DISCLAIMER  
Whilst every effort has been made to ensure the accuracy of the information contained herein, Maxijet Australia accepts no liability for any loss or damage direct or consequential arising out of, or in relation to, the use or application of the said information or products referred to herein. All information is believed to be correct at the time of printing. E.&O.E.  
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# TECHNICAL DATA

Model No:	RM2000 / 4000
Serial No:	
Voltage:	220 - 240V a.c.
Max Load:	8A, 240V a.c.
Power Consumption:	100 Milli Amps
Max Pressure:	1000 kpa
Max Operating Temp:	40°C
IP Rating:	65
Electrical Approval No:	 N17601



# NOTES

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## INSTALLATION

Please read all instructions carefully before installing the MaxiSAVE® System. Failures caused by incorrect installation are not covered by warranty.

- The MaxiSAVE® system is designed to handle clean water only. Freezing conditions will damage the unit.
- The MaxiSAVE® system is electrically connected, ensure that electrical connections are made by a qualified person.
- Installation is to be in accordance with AS/NZS3500.1 Water services, Plumbing and Drainage. Pipework and outlets that are connected to Rainwater must be marked with wording “Rainwater”, pipework must be marked “Rainwater” at 1 meter spacings.

### MaxiSAVE® RM SERIES INSTALLATION RECOMMENDATIONS.

1. Mains water inlet “Y” strainer
2. Tanks water inlet filter – 350 micron
3. Isolation valves to mains water inlet connection

### INSTALLATION OF DRY MOUNT AND SUBMERSIBLE PUMP APPLICATIONS

- STEP 1.** Evaluate site and select the best position to mount the MaxiSAVE® RM2000 / 4000 Series pump system.
- STEP 2.** Mount the MaxiSAVE® system within 1.2 meters of a 240 volt GPO using the mounting brackets provided.
- STEP 3.** Position MaxiSAVE® system and carry-out installation of interconnecting pipework.
- STEP 4.** Plug power cable from pump into 240 volt GPO outlet on side of MaxiSAVE® controller (normally pre-plumbed)

## TROUBLESHOOTING

Consult manuals supplied with the water pump and controller in addition to the following guide.

SYMPTOM	POSSIBLE CAUSES
<b>Pump does not start when MaxiSAVE® RM system is switched on</b>	The external power point on the RM system has not been switched on and/or pump not plugged in.
	Low water level in rainwater tank.
	Float switch not positioned correctly in rainwater tank.
<b>Pumped water is not available or flow is low</b>	Manual opening lever on main solenoid valve is in open position.
	Pump has lost prime.
	Isolation valves closed (if fitted).
<b>Mains water is not available or flow is low</b>	Inlet filter blocked (if fitted).
	Isolation valves closed (if fitted)
	Inlet Strainer blocked (if fitted).
<b>Mains water will not shut off</b>	Debris has blocked the check valve or solenoid valve is in open position.
	Manual opening lever on main solenoid valve is in open position.
<b>LED indicator lights not showing correct function of valve</b>	Test button has been pressed and released before the valve function has changed.
	Float switch has been operated rapidly (when testing).
<b>Test button does not function</b>	Test button has been pressed and released before the valve function has changed.
	Test button has been operated rapidly
	Test button has been pressed before the 10 sec Delay interval is up.
<b>Mains water Led indicator lights on when there is water in tank</b>	Float switch connection to the controller is not properly pushed in.

## OPERATION

Your MaxiSAVE® RM system operates automatically and allows tankwater to be used in preference to mains water. In the event of a power failure or power isolation your RM system will automatically revert to mains water supply.

### ELECTRONIC CONTROL MODULE

The control module has LED indicator lights to give visible indication of system status.

#### LED Light Indication

- (Red) ●  Mains Water In Use
- (Green) ●  Tank Water In Use

#### System Test Button

This button changes the function of the control valve from its current state for periodical test purpose.

#### Important

- To operate - Press button and hold, this will automatically change the function of control valve from its current state and back again, this may take up to 30 seconds.  
THIS STEP WILL HAVE TO BE REPEATED IF BUTTON IS RELEASED BEFORE CYCLE IS COMPLETED.
- A 10 second wait is required between function changes
- The control module can be re-set back to its normal state by turning power off for 20 seconds and turning back on again

#### MAIN CONTROL VALVE

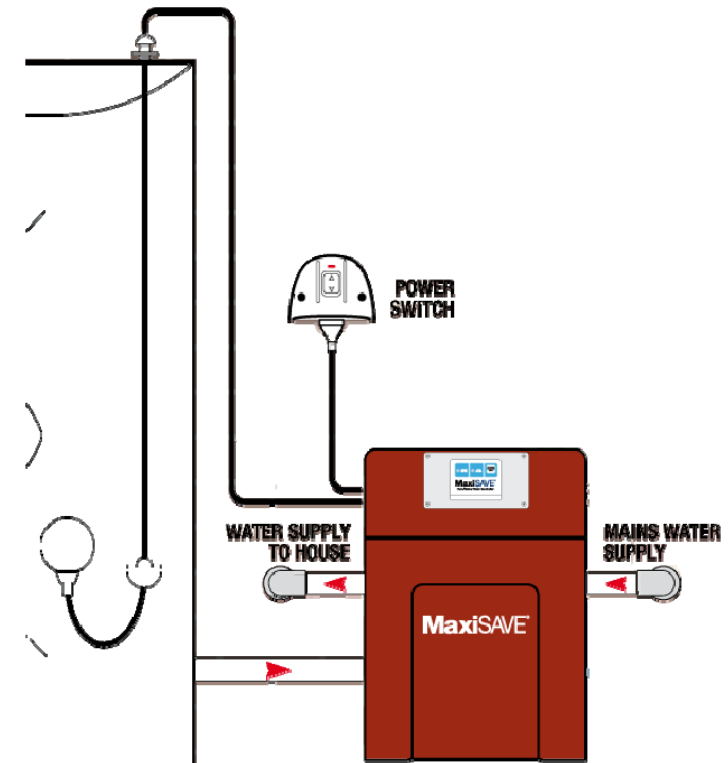
The main control valve has a flow control knob which can vary the flow of mains water being used. For full flow turn the handle anti clockwise. The manual opening lever will open the valve if required.

**IMPORTANT – THIS LEVER IS TO BE IN “CLOSED” POSITION FOR VALVE TO OPERATE AUTOMATICALLY.**

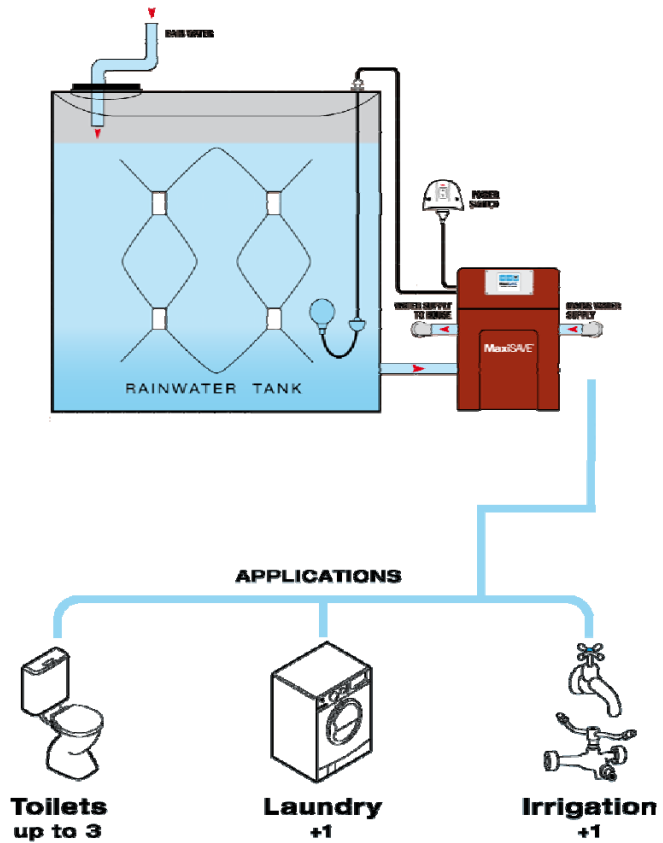
## INSTALLATION (Continued)

### STEP 5. MOUNTING OF WATER LEVEL FLOAT SWITCH

- Determine best position for float switch in tank. (nearest to tank opening for ease of servicing)
- Drill 20mm hole in side wall of tank and install cable gland with the lock nut positioned on the inside of tank.
- Feed float cable through gland, lifting it up until float is 100mm above tank outlet, route cable back to MaxiSAVE® controller and connect into the 24 volt plug on the underside of the electronic control module.



# INSTALLATION GUIDE



# INSTALLATION GUIDE

