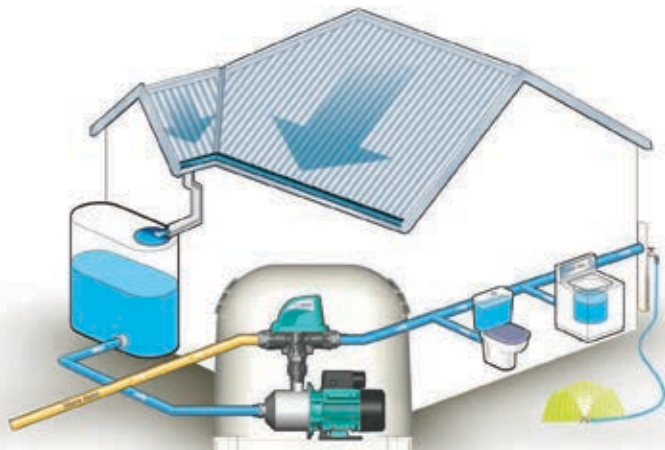


RAINWATER HARVESTING

Onga Waterswitch - Automatic rainwater controller



For illustrative purposes only. H2O informer not standard.

WaterSwitch provides the best possible solution for urban rainwater harvesting. The WaterSwitch provides automatic selection between rainwater from a tank and water from mains. A seamless supply of water (tank or mains) is delivered to household demands such as toilet cistern filling, washing machines, garden watering and car washing.

- Automatically saves water
- Seamlessly switches between mains and rainwater tank
- Upon activation, solenoid valve prevents mixing of mains and tank water so genuine water savings are achieved
- Easy installation

Applications:

- Use your rainwater for:
The washing machine, flushing the toilet, washing the car, watering the garden

• H₂O Informer Special Feature:

New state of the art, wireless interface module records water usage for both mains and tank water so you can see your actual water savings from up to a 20 metre range.

H2O Informer display features:



Tank savings (in ltr)



Mains savings (in ltr)



Percentage savings



Days of savings

WATER SWITCH SYSTEMS - QUICK SELECTION GUIDE

This quick selection guide can help you to find the most suitable waterswitch product for you and your house needs.

The products listed are recommended for optimal performance and should be used as a guide only.

Seek advice from an Onga specialist before purchasing a waterswitch product.

• STEP 1 – SELECT SINGLE OR DOUBLE STOREY HOUSE
 Typical set-up for in-ground and above-ground tanks.

SINGLE STOREY HOME

DOUBLE STOREY HOME

• STEP 2 – SELECT POSITION OF TANK

Position A (next to home)	Position B (away from the home)	Position A (next to home)	Position B (away from the home)
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• STEP 3 – SELECT NUMBER OF APPLICATIONS YOU WISH TO RUN

Pump model best suited		Applications	Pump model best suited	
SMHW350	OTBW450 ^(sub.) JSW110			JSW110
SMHW350	OTBW450 ^(sub.) JSW110	JSW110		DW7535 ^(sub.) JSW110
SMHW450	OTBW450 ^(sub.) SMHW450	SMHW450		DW7535 ^(sub.) SMHW450
SMHW450	DW7535 ^(sub.) SMHW550	SMHW450		DW7535 ^(sub.) SMHW550
SMHW450	DW7535 ^(sub.) SMHW550	SMHW450		DW7556 ^(sub.) SMHW550
SMHW550	DW7556 ^(sub.) SMHW550	SMHW550		DW7556 ^(sub.) SMHW550
SMHW750	DW11557D ^(sub.) SMHW750	Larger Applications		SMHW750



– For long pipework lengths, upsize to next model.
 (sub.): Denotes submersible pumps, also suitable for below ground tanks.

WATERSWITCH DOMESTIC PUMP KITS

SMHW350 KIT



JSW110FL KIT



SMHW SERIES



JMM100FL



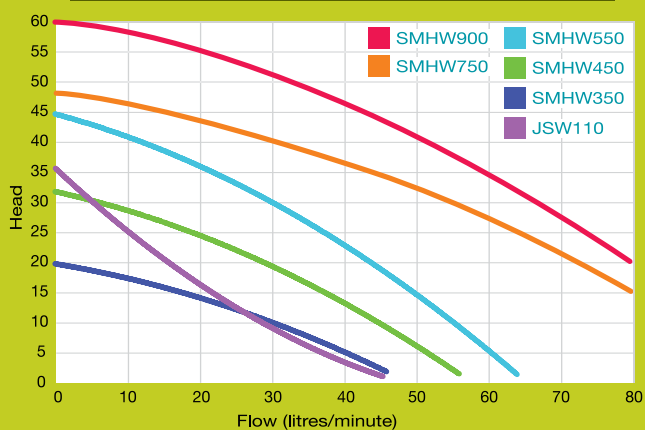
DW SERIES



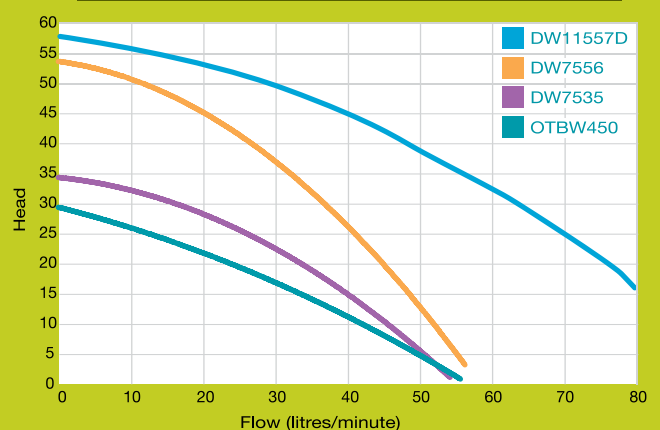
OTBW450



Waterswitch Surface Pump Performance



Waterswitch Submersible Pump Performance



WATER SWITCH COMMERCIAL PUMP SYSTEMS

SBI 5-10 SINGLE SPEED



SBI 5-10 VARIABLE SPEED



The Commercial Onga waterswitch systems incorporate the market leading waterswitch coupled with the reliable PVMI5-10 pump, in single speed and variable speed versions, 24L and 80L pressure tanks, ensuring the systems are both economical to run and take advantage of using rain water harvesting to the fullest, for both non-potable building services facilities and irrigation where required.

The benefit of the variable speed (VSD) system means it will slow the pump speed down to allow for low flow rates and then ramp the pump up to cater for higher demands when required. On a commercial site these features along with soft start and soft stop eliminate large flow rates and pressures causing water hammer on pipework and systems. VSD control also reduces the running cost of the pump by reducing the power consumption of the pump when lower flows are being supplied.

Features:

- Onga waterswitch (25mm inlet/outlet)
- PVMI 5-10 Single Speed or Variable speed Pumps (Single phase 1.5kW)
- IQ Controller on Southern Cross motor (VSD unit only)
- APP80 80lt (Single speed system) or APP24 24lt (VSD system) pressure tanks
- 32mm 316 SS manifold
- 32mm Brass Y Strainer
- 25mm 316SS Fittings from Y Strainer to R2M
- Waterswitch offset to allow for easy connection mains supply.
- Waterswitch can be directed/rotated via the barrel union to allow for plumbing direction
- 25mm 316SS discharge from Waterswitch including lockable ball valve
- Top entry Float Switch with 10mt cable

Waterswitch Commercial Pump Performance

