

RESIDENTIAL WATER STORAGE SOLUTIONS

5,200Lt HEAVY DUTY SQUAT CONCRETE TANK



PUMP OPTIONS

AUTOMATIC RAINWATER CONTROLLER

WaterSwitch provides the best possible solution for the urban water market. It provides automatic selection between rain water and mains water depending on the availability of water within the tank. This enables the household to maximize tank usage, ensuring a continuous, cost effective supply of water without fuss.



WaterSwitch Features	Customer Benefits
Energy saving	The pump only operates when rainwater is being used.
Low pressure drop design	More water, more pressure from either pump or mains supply. Run sprinklers and other uses at the same time.
Override control	Allows the homeowner to use tank water if mains shut off for maintenance.
Backflow prevention built in	A dual check valve provides backflow prevention to keep rainwater and the mains supply separated.
Check valve	This prevents precious mains supply water from escaping through the rainwater tank.
Brass construction	All internal components are brass for use with potable water, for strength and long life.
Two year warranty	Includes on site repairs and against faulty workmanship for peace of mind.
Solenoid valve operation	Does not mix water – allows either mains water or tank water to be used. If power is unavailable, WaterSwitch lets mains water pass to your appliances.

JET ASSISTED PUMP

Onga JSW pumps feature strong stainless steel pump casings with precision moulded jet, venturi and impeller for efficiency and great performance under high suction lift applications. The pump only operates when rainwater is being used. They are ideal where the **Allcast Precast** concrete under ground rainwater tank is positioned some distance from the **WaterSwitch** and pump combination. They can be located close to the household and electricity supply.



SUBMERSIBLE PUMP

Dominator Submersible pumps are a slimline stainless shell fitted with moulded internal components. When coupled with the **WaterSwitch** it provides a premium automatic rainwater control system which is completely silent while maintaining high pressure and solid reliability.

Component	JSW PUMP	DW
Pump	YES	YES
Wall bracket		YES
Water level Sensor	YES*	YES*
Union / fittings	YES	YES
WaterSwitch	YES	YES
Electrical connector		YES

*Water level sensor – in tank float

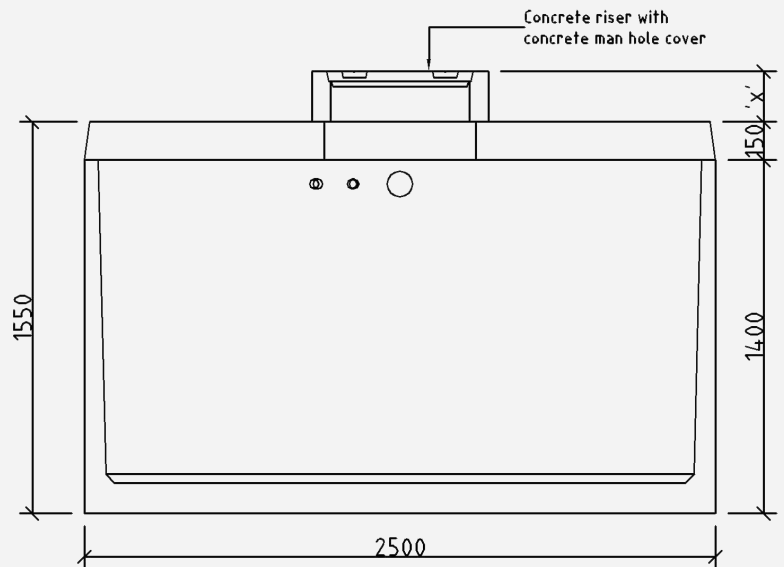
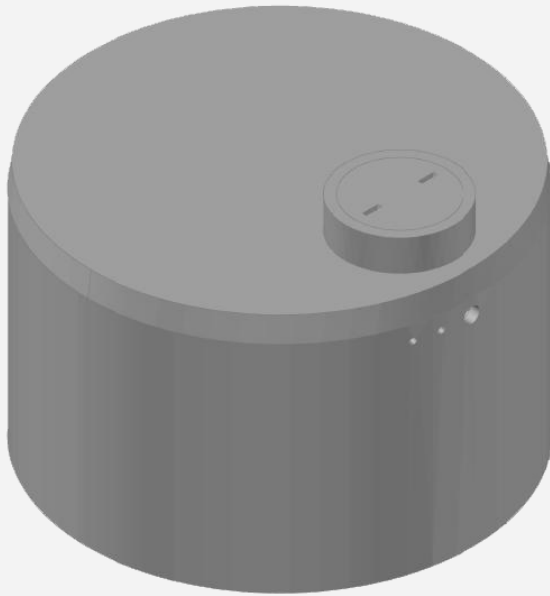
DOMINATOR WITH WATERSWITCH PERFORMANCE TABLE

Model	Watts	Min. operating pressure (kPa)	Discharge head (kPa)					Port size (BSP)	
			Capacity (Lt/min)					pump	w/switch
			140	210	280	350	420	suction	discharge
DW7535	350	140	42	31	20	0	0	1 1/4" F	1 1/4" F
DW7556	600	140	50	44	39	33	22	1 1/4" F	1 1/4" F



RAINWATER TANK

The **Allcast Precast** 5,200Lt concrete squat rainwater tank is designed and manufactured for under ground purposes exceeding the minimum capacity requirements. This tank is ideal for townhouses and developments with small sized housing allotments where space is limited. By including an Onga **WaterSwitch** and pump, this package will ensure quiet, efficient performance, without taking up precious space. The pumps specified are suited for single and double story homes.



X = 100mm/150mm/200mm high riser

TANK DETAILS

Height	1.55m (including lid) plus riser and gattic
Diameter	2.50m
Lid load limit	2.0t (trafficable lid)
Accessories Incl.	Concrete riser with concrete man hole cover (optional gattic cover), dual brass fittings
Concrete	High density 40MPA concrete
Capacity	5,200Lt (over minimum requirements)
Uses	Ideal for small housing blocks, residential developments, high water table and rocky areas

TANK SIZE OPTIONS

Tank	Diameter (m)	Height (m)	Uses
10,200Lt squat tank	3.5	1.565*	For use in high water table areas and rocky ground. Ideal water storage for washing vehicles and vegetable gardens.
14,000Lt	3.5	1.955*	Suitable storage for pool and spa top ups.

*Height includes tank and lid— riser and gattic additional

For more information on installation please refer to **Allcast Precast** site preparation sheets which are available on our website.

Visit www.allcastprecast.com.au



Working in conjunction with.....



SOURCE: Information and diagrams on Onga water pumps and Onga WaterSwitch is supplied by Pentair Water Pty Ltd

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