

HOME PRESSURE SYSTEMS

Onga Homemaster - Household water pressure systems



Jet-Assisted Automatic Pressure Systems

Onga's jet-assisted Homemaster pumps are designed for households where reliability, efficiency and ease of installation are important. There is a model to suit every situation. These Australian assembled pumps are mounted on a stable, moulded base for protection from corrosion and have totally enclosed, fan-cooled motors.

Multistage Automatic Pressure Systems

Multistage pumps are perfect for providing great pressure in a compact package, and Onga has an unbeatable range for your home. From the high efficiency, cost-effective SMHP, or the SSHP designed for ultimate strength, to the submersible Dominators, your Onga dealer sells and services a wide range of quiet and powerful household pumps.

Onga Submersible Pumps

Submerged in a tank or well, these household pressure systems are completely silent. The Dominator range and Tankbuddy are highly efficient, robust and reliable.



PUMP PRESSURE

For over 40 years, Onga has provided Australian and New Zealand households with reliable water pressure. Onga's Homemaster range has a system for any application in any household.



PRESSURE CONTROL

Three main options are available:

- Manual switching.
- Pressure switching (JSK, SMHK ranges).
- Presscontrol electronic pressure control (JSP, SMHP, SSHP ranges).

APPLICATION

Small to average home / single storey / 1 bathroom



Average home / single storey / 2 bathroom



Large home / single or two storey / 2 bathroom



Large families / two storey / 2 bathroom



JET PUMPS

JMM100



- The JMM100 is an automatic pressure pump which includes the Minipress. The casing and internal parts consist of precision moulded components for high efficiency and reliability
- This is an economical household pressure system incorporating the high performance and reliability features typical of Onga
- The suction inlet is high on the pump body, enhancing self priming and air handling ability, while the totally enclosed, fan-cooled motor gives years of quiet and reliable operation

Applications:

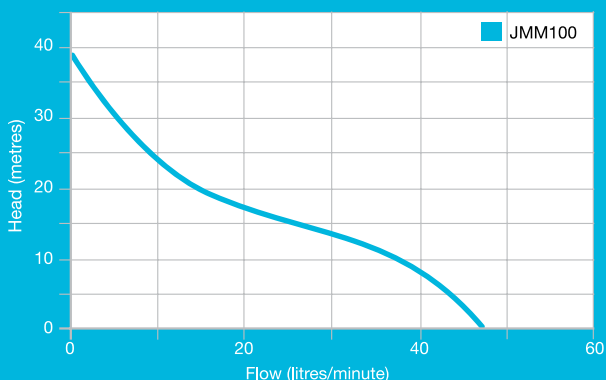
- Automatic domestic water pressure systems
- High suction lift situations

AS/NZS 4020:2005 compliant

In-built thermal motor protection

Model	Application	Watts (P2)	Current (Amps)	Operating Pressure (kPa)	Suction Depth Capacity (Metres) (Litres per min)						Port Size (BSP)	
					0	1.5	3.0	4.6	6.1	7.6	Suction	Discharge
JMM100		300	2.65	140	30	27	24	21	17	12	1" M	1" M

• JMM Performance



JSK Range



- The JSK range of pressure systems includes three pump and tank combinations to suit almost any home
- The JS range of pumps features a strong stainless steel pump casing, with precision-moulded internals
- The suction inlet is set high on the pump body to enhance self priming and air handling ability

Applications:

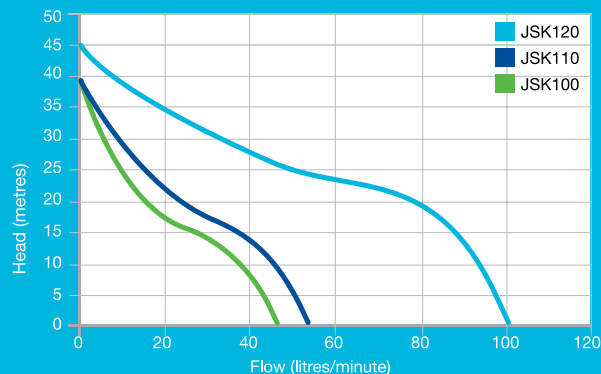
- Automatic domestic water pressure systems
- High suction lift situations

AS/NZS 4020:2005 compliant

In-built thermal motor protection

Model	Application	Watts (P2)	Current (Amps)	Operating Pressure (kPa)	Suction Depth Capacity (Metres) (Litres per min)						Port Size (BSP)	
					0	1.5	3.0	4.6	6.1	7.6	Suction	Discharge
JSK100		300	2.65	140-275	30	27	24	21	17	12	1" F	1" F
JSK110		450	2.9	140-275	40	36	32	28	23	16	1" F	1" F
JSK120		750	4.8	210-345	76	69	61	53	43	31	1 1/4" M	1" F

• JSK Range Performance



JET PUMPS

MULTISTAGE AUTOMATIC PRESSURE SYSTEMS

JSP Range

SMHP Range



- Equipped with electronic pressure control, the JSP range is designed for situations requiring strong, constant pressure
- These pumps also have stainless steel casing and precision-moulded internals
- Loss of prime protection to prevent dry running

Applications:

- Automatic, constant pressure household water supply, especially with high suction lift

AS/NZS 4020:2005 compliant

In-built thermal motor protection

- The SMHP range provides solutions for average sized homes right up to the largest applications
- Stainless steel motor shaft and pump casing for corrosion resistance and longer life
- Precision moulded components provide high efficiency and low noise
- Stainless steel pump foot helps to prevent corrosive sitting water and provides easy installation
- Loss of prime protection prevents dry running
- The dry run operation protection (D.R.O.P) system prevents costly pump damage.

Applications:

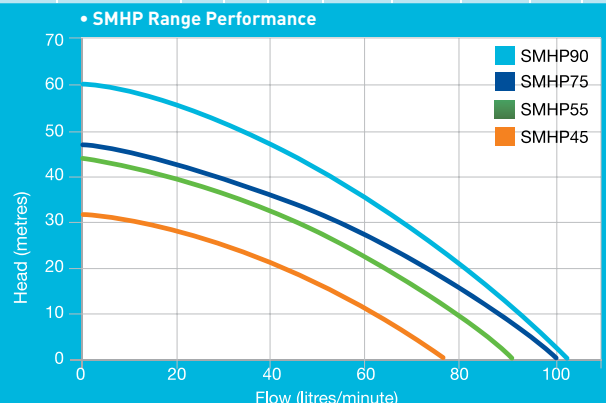
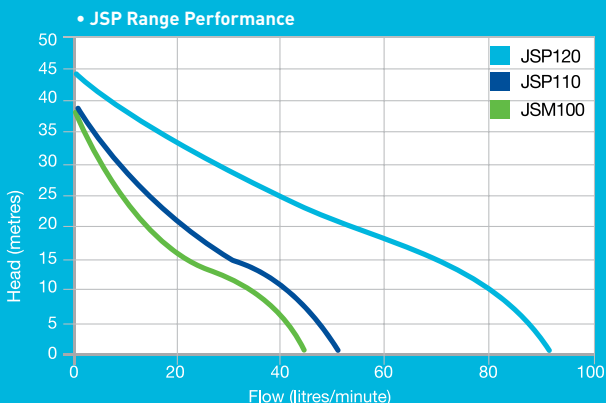
- The perfect household pressure pump
- Coupled with electronic pressure control, these pumps give you a fantastic shower

AS/NZS 4020:2005 compliant

In-built thermal motor protection

Model	Application	Watts (P2)	Current (Amps)	Operating Pressure (kPa)	Suction Depth Capacity (Litres per min)						Port Size (BSP)	
					0	1.5	3.0	4.6	6.1	7.6	Suction	Discharge
JSM100	🏠	300	2.65	140	25	23	20	18	14	10	1" F	1" F
JSP110	🏠	450	2.9	140	35	32	28	25	20	14	1" F	1" F
JSP120	🏠	750	4.8	210	52	47	42	37	30	22	1 1/4" M	1" F

Model	Application	Watts (P2)	Current (Amps)	Operating Pressure (kPa)	Suction Depth Capacity (Litres per min)			Port Size (BSP)	
					0	1.5	3.0	Suction	Discharge
SMHP45	🏠	450	3.2	140	55	50	44	1" F	1" F
SMHP55	🏠	550	4.0	140	73	66	59	1" F	1" F
SMHP75	🏠	750	4.6	210	72	66	59	1" F	1" F
SMHP90	🏠	900	5.8	210	80	72	64	1" F	1" F



SSHP Range



- The SSHP range offers the strongest construction available, using stainless steel and cast iron throughout for corrosion resistance and longer life
- Compact and extremely quiet. Coupled with electronic pressure control, these pumps provide strong constant pressure, eliminating temperature and pressure fluctuations
- Cast iron suction and discharge for high strength connections
- Compact for easy installation in small spaces
- Loss of prime protection

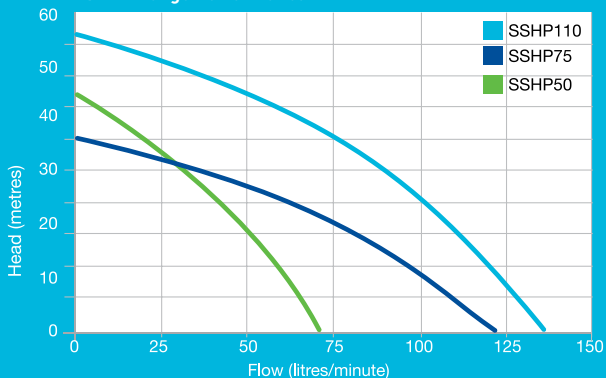
Applications:

- The toughest household pressure pump

In-built thermal motor protection

Model	Application	Watts (P2)	Current (Amps)	Operating Pressure (kPa)	Suction Depth Capacity (Litres per min)			Port Size (BSP)	
					0	1.5	3.0	Suction	Discharge
SSHP50		550	3.5	210	42	38	34	1" F	1" F
SSHP75		750	4.5	210	63	57	51	1 1/4" F	1" F
SSHP110		1100	7.7	210	105	94	84	1 1/4" F	1" F

• SSHP Range Performance



Enviromaster



- The Onga Enviromaster is an energy efficient, variable speed, low noise pump that easily handles the demands of a rural or urban household
- Runs at low speed for energy efficiency and lower running costs
- Low speed running means silent operation
- Reduced running speed means minimised internal stress for longer life cycle
- Dry run protection to protect the pump and motor

Applications:

- Pressure boosting
- Irrigation
- Industrial water washing
- Water distribution
- Building appliances

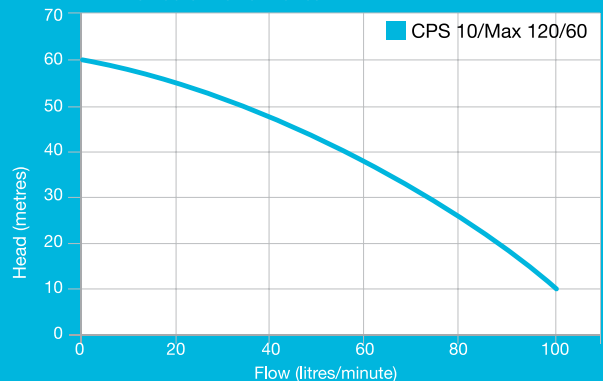
AS/NZS 4020:2005 compliant

In-built thermal motor protection



Model	Application	Watts (P2)	Current (Amps)	Operating Pressure (kPa)	Suction Depth Capacity (Litres per min)			Port Size (BSP)	
					0	1.5	3.0	Suction	Discharge
P4700000		900	8.5	250	80	72	64	1" F	1" F

• Enviromaster Performance



SUBMERSIBLE PUMPS

Dominator



- Submerged in the tank or well, it is completely silent
- It shares its pump components with the highly respected Sta-Rite Signature 2000 submersible borehole pump range
- Coupled with electronic pressure control the Dominator becomes a complete home pressure system
- High efficiency moulded impellers means lower running costs and high performance
- Stainless steel suction, shaft and casing makes this pump corrosion resistant and tough
- Supplied with 20m cable and 20m drop cord
- Mechanical seal with oil chamber for high quality motor protection

AS/NZS 4020:2005 compliant

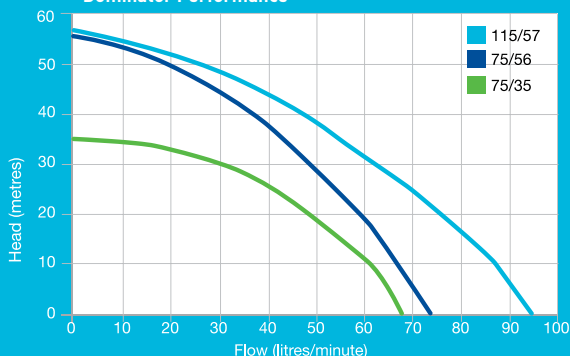
In-built thermal motor protection

Applications:

- The perfect household pressure pump
- Coupled with electronic pressure control, these pumps give you a fantastic shower

Model	Application	Watts (P2)	Current (Amps)	Operating Pressure (kPa)	Discharge Head Capacity (kPa) (Litres per min)					Port Size (BSP)
					140	210	280	350	420	
75/35		350	2.7	140	55	45	35	0	0	1 1/4" F
75/56		600	3.8	140	64	56	51	43	33	1 1/4" F
115/57		800	5.0	140	83	75	66	55	43	1 1/4" F

• Dominator Performance



Tankbuddy



- Specifically designed for treated water pump-out chambers and rainwater harvesting
- Based on the SMH range of multistage pumps, giving them the same reliability, efficiency, and high performance
- By using existing designs in an innovative way, Onga is able to offer a great submersible pump at a low cost
- Installed in the tank for silent operation

Applications:

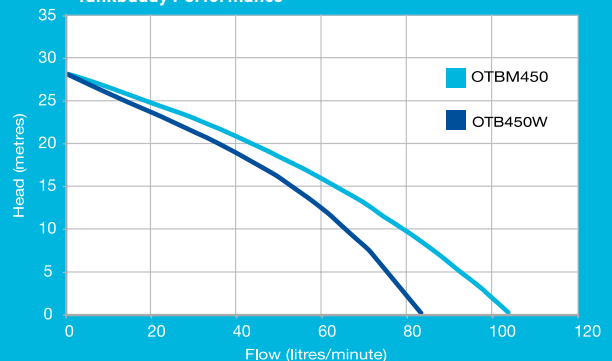
- Treated water pump-out chambers
- Noise sensitive urban rainwater installations

AS/NZS 4020:2005 compliant

In-built thermal motor protection

Model	Application	Watts (P2)	Current (Amps)	Discharge Head Capacity (kPa) (Litres per min)				Port Size (BSP)
				140	170	210	280	
OTB450W		650	4	70	56	47	16	1 1/4" F
OTB450		650	4	52	46	31	0	1" M

• Tankbuddy Performance



RIVA-FLO HOUSEHOLD PRESSURE PUMPS





GPP40



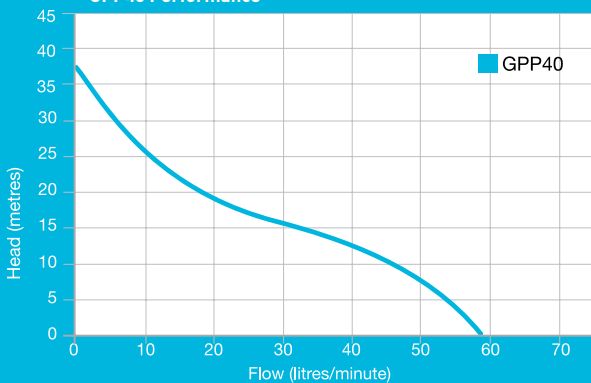
- This easy to install automatic pump helps you to put all of your precious tank water to good use
- Automatic control for water on demand at constant pressure
- Self-priming so that water can be lifted from below the pump
- Loss of prime protection to prevent pump from expensive damage if your water tank is empty
- Totally enclosed fan cooled motor for improved reliability and longer life
- Stainless steel pump casing makes this pump tough, durable and corrosion resistant

Applications:

- Ideal for pumping rainwater from your tank for garden watering, washing cars, sprinklers and small irrigation systems

Model	Application	Watts	Current (Amps)	Pressure Switch Setting (kPa)	Suction Depth Capacity (Litres per min)					Port Size (BSP)	
					0	1.5	3	4.6	7.6	Suction	Discharge
GPP40	   	450	2.8	140	37	33	29	25	12	1" F	1" F

• GPP40 Performance







MF55



- The Riva-flo MF55 is a corrosion-resistant moulded shallow-well jet pump
- Add an Onga pressure tank and you have a household pressure system

Applications:

- Used to draw water from a shallow source (up to 7.6m)
- A good general purpose pressure system

Model	Application	Watts	Current (Amps)	Pressure Switch Setting (kPa)	Suction Depth Capacity (Litres per min)					Port Size (BSP)	
					0	2	4	6	7.5	Suction	Discharge
MF55	   	550	2.7	140-275	39	33	28	22	16	1" M	1" F

• MF55 Performance

