

Pressurised, clean water for your whole home

HYDROPAKXTRA



**All -in-one Pump, Multistage Filtration & UV
Sterilisation Water Supply System**

dp DAVIESPUMPS
SINCE 1931



Proven solutions through experience



Ever since the first satisfied customer in 1931, Davies Pumps have become a trusted leader in the pump manufacturing industry.

From making deep-well pump cylinders in a North Shore basement to the wide range available today, Davies Pumps focuses on providing the right solution for you and your family.

HydroPak®-Xtra is an all-in-one water treatment and supply system that guarantees you pressurised and healthy water for your entire home.

The **HydroPak®-Xtra** is a complete whole-house system with multi-stage water-treatment ideal for both mains and self-supply water systems.

The unique design of the **HydroPak®-Xtra** is the compact plug & play package with pump, filters & UV steriliser all in one unit that is weatherproof, tamper proof and reduces pump noise.

Notably, the **HydroPak®-Xtra** systems incorporate a Greenway® UV Advance Series™ ultraviolet technology system, natural purification process that's completely eco-friendly, chemical-free and kill 99.9% bacteria including E. Coli, Giardia, and Cryptosporidium.



The HydroPak is covered by the **Argon 3-Year Warranty** for your piece of mind. Register online for extended warranty. argondistributors.co.nz/warranty-registration





TOTAL CONTROL HYDROPAKXTRA

HYDROPAKXTRA

The complete water control and treatment solution

HydroPak®-Xtra is an all-in-one water treatment and supply system that guarantees you pressurised and healthy water for your entire home.

This compact design includes a multistage filtration system and UV sterilisation.

Optimum Control

Pressure gauge on filter outlet and pump controller to show if the filters are blocked and allow for timely replacement.

First Line Defense

Dual cartridge filters for maximum life and filtration 10" and 20" options available.

Durability

Weatherproof housing made of powder-coated galvanised steel is designed to survive the harshest New Zealand conditions. Choice of powder coat colors available. Stainless Steel options available.

Dimensions: 1000mm x 1000mm x400mm

Silent Night

Optional sound deadening panels for silent operation.

Plumb & Run

Simple plumbing connection with 25mm inlet/outlet ports on either left or right.

*Option to have unfiltered water take off for irrigation. **Option for 32mm ports

Heat Control

Ventilation on both sides and around the roof to keep ambient temperatures cool even in the toughest conditions.

Pump Control

HydroGenie HG3.1 or HG8 VFD pump control options for system protection and provide optimum user experience.

*HG8 only on large model.



Adjustable cut in pressure
230V



Run dry protection



Easy installation



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Power Supply

230V 10A single Ph power supply required.

Second Line Defense

High volume 10S UV treatment and quality ballast with 365-day timer and audible alarm

Easy As

Convenient lifting handles to make delivery and installation easy. Removable door and lid for easy servicing of filters, UV and pump.

Functionality

Storage for replacement filter cartridges and filter spanner..

Increased Efficiency

Using a Flexansion pressure tank increases efficiency and pump life by reducing cycle time and also prevent shocks on system from water hammer or thermal expansion.

Tamper Proof

Lockable door to prevent theft or tampering but allowing easy access for maintenance

High Flow

High quality self-priming multistage MPRS pump models to meet any conditions.

Options:

DJS100M with 30LPM @ 3.0bar duty

MPRS0310 with 60LPM @ 3.0bar duty

MPRS0515 with 105LPM @ 3.0bar duty

*Filter condition will affect performance.



Multiple options available with a range of pump, controller and filter configurations.

HYDROPAK[®]XTRA

Features, Benefits & Selector guide

The unique design of the **HydroPak[®]-Xtra** is the compact plug & play package with pump, filters & UV steriliser all in one unit that is weatherproof, rodent-proof, tamper proof and reduces pump noise.



Multistage treatment including UV treatment with filter pressure monitor gauges, UV lamp fail alerts, UV lamp 365-day countdown timer and surge protection



Transportation and installation made easy with convenient lifting handles at either end of the unit. One-person transportation is easy, with hand cart use.



Slimline design with removable front cover allowing installation in very restricted spaces while allowing full access for maintenance



Additional storage functionality for replacement filter cartridges and filter spanner.



Multiple pump and controller configuration options to ensure premium pressure is maintained while meeting your household water demands.



Increased efficiency by using a Flexexpansion pressure tank to reduce pump cycle time, water hammer and thermal expansion

HYDROPAK-XTRA Specifications and Selector Guide

MODEL NUMBER	HP150	HP160	HP165	HP166
Pump Model:	DJS 100M	MPRS 0310M	MPRS 0515M	MPRS 0515T
Pump Type	Self Priming pump	Self Priming Multi-Stage		
Pump Sound	Medium	Quiet		
Rated Power:	1Hp	1Hp	1.5Hp	
Maximum Current Consumption	4.5A	4.4A	6.5A	
Pump Flow Rate	30 LPM @ 30M	60 LPM @ 30M	105 LPM @ 30M	
Pressure Controller:	HG 3.1			HG 8 VFD
Power Supply:	230V 1 Ph			
Energy Saving Tank	NA	YES		
Water Temperature Range	0-60°C (Protect from freezing)			
Connection	1" BSP (25mm)			
Warranty	3 Years (extension via registration)			



Adjustable cut in pressure
230V



Run dry protection



Easy installation



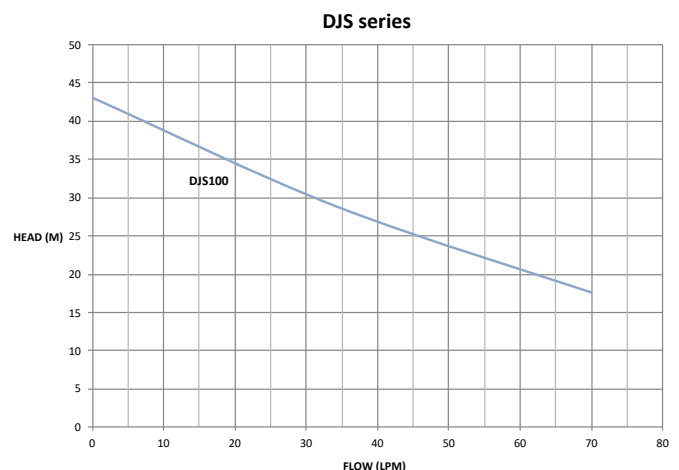
HYDROPAK-XTRA HP150 Specifications

MODEL NUMBER	HP150
Replacement parts and cartridges	
Stage One Filtration	BB20PL20
Stage Two Filtration	BB20PS01
UV Lamp	BBUVLAMP10S
Quartz Sleeve	BBUVSLEEVE10S
Pump Model	DJS 100M
Pump Type	Self Priming Jet
Pump Sound	Medium
Maximum Current Consumption	4.5A
Pump Flow Rate	30 LPM @30M
Pressure Controller:	HG 3.1
Power Supply:	230V 1 Ph
Energy Saving Tank	NA
Water Temperature Range	0-60°C (Protect from freezing)
Connection	1" BSP (25mm)
Warranty	3 Years (Extension via registration)

HYDROPAK®-XTRA 150 Series.

Suitable for small to medium households, the HydroPak®-Xtra 150 is a complete whole-house UV filter system with multi-stage filtration that is ideal for both mains and self-supply water systems.

This system reduces sediment, chemicals, including chlorine, and is highly effective in eliminating bacteria and parasites in your water. It uses Greenway® UV Advance Series™ ultraviolet technology to kill 99.9% of bacteria, an eco-friendly process that does not use chemicals. You are providing your family pure, safe, delicious and healthy drinking water!





"Amazing, we can now have showers running with irrigation, washing dishes etc and no drop in pressure or flow. Should mention the pressure/for us now 10x. It also is quiet enough to not notice. Pleased to have installed it! Also that the water is filtered is great also!"

*Gem
Masterton 2021*

HYDROPAK[®]-XTRA HP160 Specifications

MODEL NUMBER	HP160
Replacement parts and cartridges	
Stage One Filtration	BB20PL20
Stage Two Filtration	BB20PS01
UV Lamp	BBUVLAMP10S
Quartz Sleeve	BBUVSLEEVE10S
Pump Model	MPRS 0310M
Pump Type	Self Priming Multi-stage
Pump Sound	Quiet
Maximum Current Consumption	4.4A
Pump Flow Rate	60 LPM @30M
Pressure Controller:	HG 3.1
Power Supply:	230V 1 Ph 10A
Energy Saving Tank	YES
Water Temperature Range	0-60°C (Protect from freezing)
Connection	1" BSP (25mm)
Warranty	3 Years (extension via registration)



Adjustable cut in pressure
230V



Run dry protection



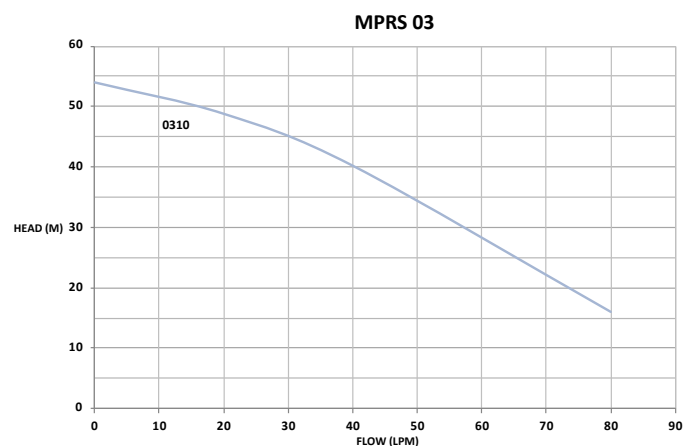
Easy installation



HYDROPAK[®]-XTRA 160 Series.

Suitable for medium to large households, the HydroPak[®]-Xtra 160 is a complete whole-house UV filter system with multi-stage filtration ideal for both mains and self-supply water systems.

This system reduces sediment, chemicals, including chlorine, and is highly effective in eliminating bacteria and parasites in your water. It uses Greenway[®] UV Advance Series™ ultraviolet technology to kill 99.9% of bacteria, an eco-friendly process that does not use chemicals. You are providing your family pure, safe, delicious and healthy drinking water!





"Awesome unit. Amazing pressure and very quite when running. We have ours outside a bedroom window and can't hear it running, easy to install."

*Garth
Masterton 2021*

HYDROPAK-XTRA HP165 Specifications

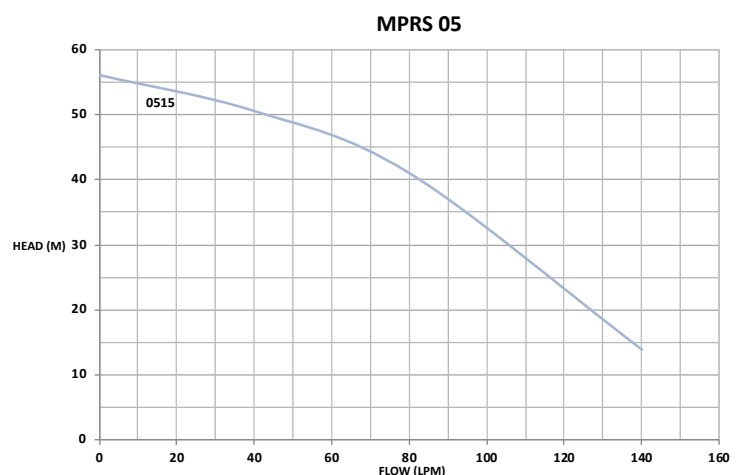
MODEL NUMBER	HP165
Replacement parts and cartridges	
Stage One Filtration	BB20PL20
Stage Two Filtration	BB20PS01
UV Lamp	BBUVLAMP10S
Quartz Sleeve	BBUVSLEEVE10S
Pump Model	MPRS 0515M
Pump Type	Self Priming Multi-stage
Pump Sound	Quiet
Maximum Current Consumption	6.5A
Pump Flow Rate	105 LPM @30M
Pressure Controller:	HG 3.1
Power Supply:	230V 1 Ph 10A
Energy Saving Tank	YES
Water Temperature Range	0-60°C (Protect from freezing)
Connection	1" BSP (25mm)
Warranty	3 Years (extension via registration)



HYDROPAK®-XTRA 165 Series.

Suitable for large households, the HydroPak®-Xtra 165 is a complete whole-house UV filter system with multi-stage filtration ideal for both mains and self-supply water systems.

This system reduces sediment, chemicals, including chlorine, and is highly effective in eliminating bacteria and parasites in your water. It uses Greenway® UV Advance Series™ ultraviolet technology to kill 99.9% of bacteria, an eco-friendly process that does not use chemicals. You are providing your family pure, safe, delicious and healthy drinking water!





Adjustable cut in pressure
230V



Run dry protection



Easy installation



Variable Speed



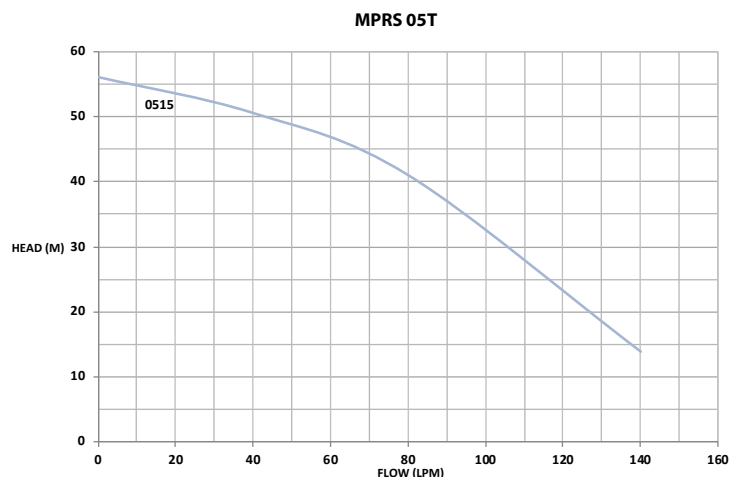
HYDROPAK-XTRA HP166 Specifications

MODEL NUMBER	HP166
Replacement parts and cartridges	
Stage One Filtration	BB20PL20
Stage Two Filtration	BB20PS01
UV Lamp	BBUVLAMP10S
Quartz Sleeve	BBUVSLEEVE10S
Pump Model	MPRS 0515T
Pump Type	Self Priming Multi-stage
Pump Sound	Quiet
Maximum Current Consumption	6.5A
Pump Flow Rate	105 LPM @30M
Pressure Controller:	HG 8 VFD
Power Supply:	230V 1 Ph
Energy Saving Tank	NA
Water Temperature Range	0-60°C (Protect from freezing)
Connection	1" BSP (25mm)
Warranty	3 Years (extension via registration)

HYDROPAK[®]-XTRA 166 Series.

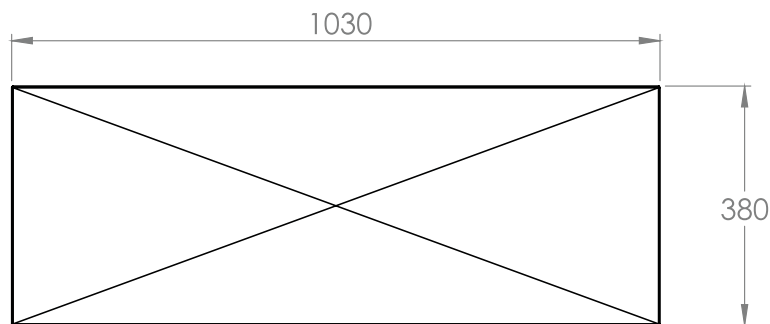
Suitable for large households with high-peak water demand, the HydroPak[®]-Xtra 166 is a complete whole-house UV filter system with multi-stage filtration and variable speed pump for maximum energy efficiency and constant pressure. Ideal for both mains and self-supply water systems.

This system reduces sediment, chemicals, including chlorine, and is highly effective in eliminating bacteria and parasites in your water. It uses Greenway[®] UV Advance Series™ ultraviolet technology to kill 99.9% of bacteria, an eco-friendly process that does not use chemicals. You are providing your family pure, safe, delicious and healthy drinking water!

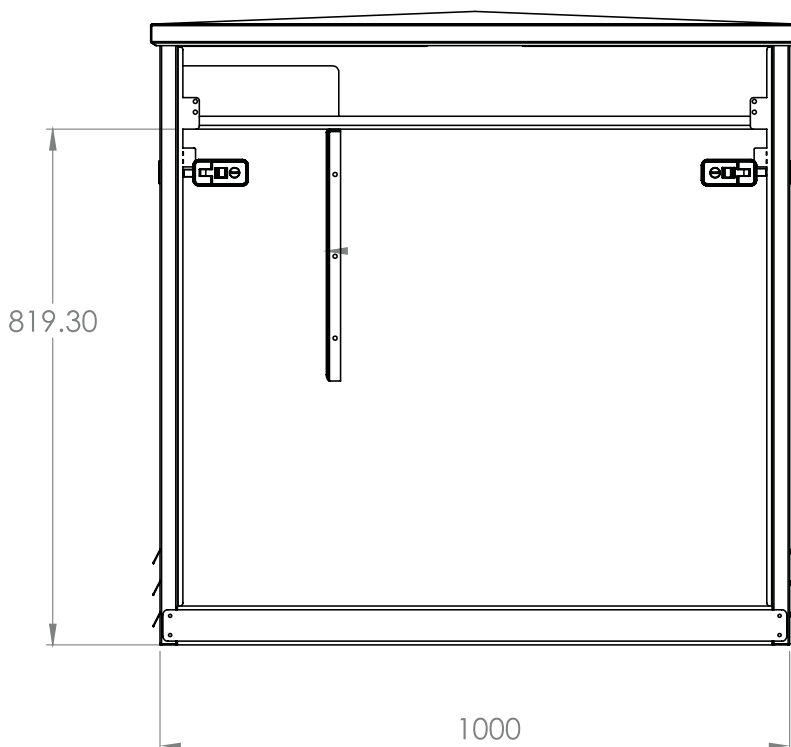


Transport and Installation Dimensions

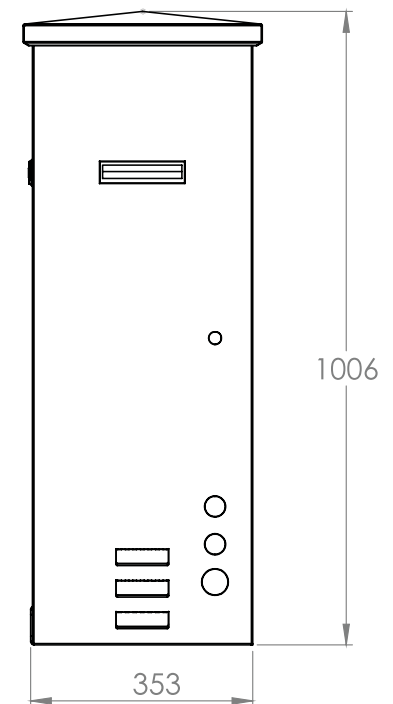
Top View



Front View



Side View



BOX / TRANSPORT DIMENSIONS

Height: 1006 mm
Width: 1030 mm
Depth: 380 mm
Weight: Approx. 110kg
Stainless Steel options available.

INSTALLATION CLEARANCES

Width: 1200mm total
Front: 1000mm
Height: 1800mm (700mm required above the unit for UV filter replacement)

INSTALLATION GUIDE

Install on hard, level, well-draining surface

Proven solutions through experience

ARGON
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