



# MaxiSAVE®

[Data Sheet](#)

MaxiSAVE 20mm Rain / Mains System  
(Submersible Pressure Pump)  
MHR20-640S

## Application

The Hyjet multistage submersible pump has an in-built pressure controller, making it easy to install into your underground or above ground tanks, utilising rainwater for your household and garden needs. Low level float switch cut out for extra run dry protection.



Commercial



Residential

## HSM6-40 Specification

Impeller: Technopolymer

Pump Casing:  
Stainless steel AISI 304 / Technopolymer

Motor Shaft: Stainless steel AISI 304

Double mechanical seal:  
Silicon carbide - graphite / ceramic - graphite

Motor: IP68

Depth of immersion: 12m

Electric power cable: HO7RN 10m with 3 pin plug

Class: F

Liquid Temperature: 35°C



MaxiSAVE Hydraulic Rain/Mains Valve with Hyjet HSM6-40

## HSM6-40 Features and benefits

Fully automatic pressure system

Run dry protection

In-built electric controls

Automatic restart

Quiet operation

Thermal overload protection

Automatic float switch for low level cut out

[MHR20 Valve data on the following page >](#)

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## Application

The MHR20 Series is a fully Automatic Hydraulic Rain / Mains water changeover device designed for pressure pump supply systems in harvesting rainwater for the toilet, laundry and household applications with automatic mains backup.

The MHR20 Valve is designed to operate with an electronic pressure controller with auto restart no requiring a float switch. This design makes the MHR20 system very simple to install.

The MaxiSAVE valve comes with dual 25mm outlets, which makes the MaxiSAVE system unique and ideal for domestic and commercial applications.



Commercial



Residential



MaxiSAVE®

MaxiSAVE Hydraulic Rain/Mains Valve with Hyjet HSM6-40



WaterMark  
AS/NZS 3407  
Licence No. WM 74017  
Australian Certification Services



## MHR20 Valve Specification

Max mains pressure: 500 KPA

Max pump pressure: 600 KPA

Flow rate: 50 LPM

Max liquid temperature: 40 °C

Rainwater inlet: 25mm

Mains water inlet: 20mm

Outlets: 20mm

## MHR20 Valve Features and benefits

Australian made changeover valve

Easy installation

Does not require regular maintenance

Solid brass construction

No in-tank float required

Mains pressure not limited

Certified dual check valve for backflow prevention

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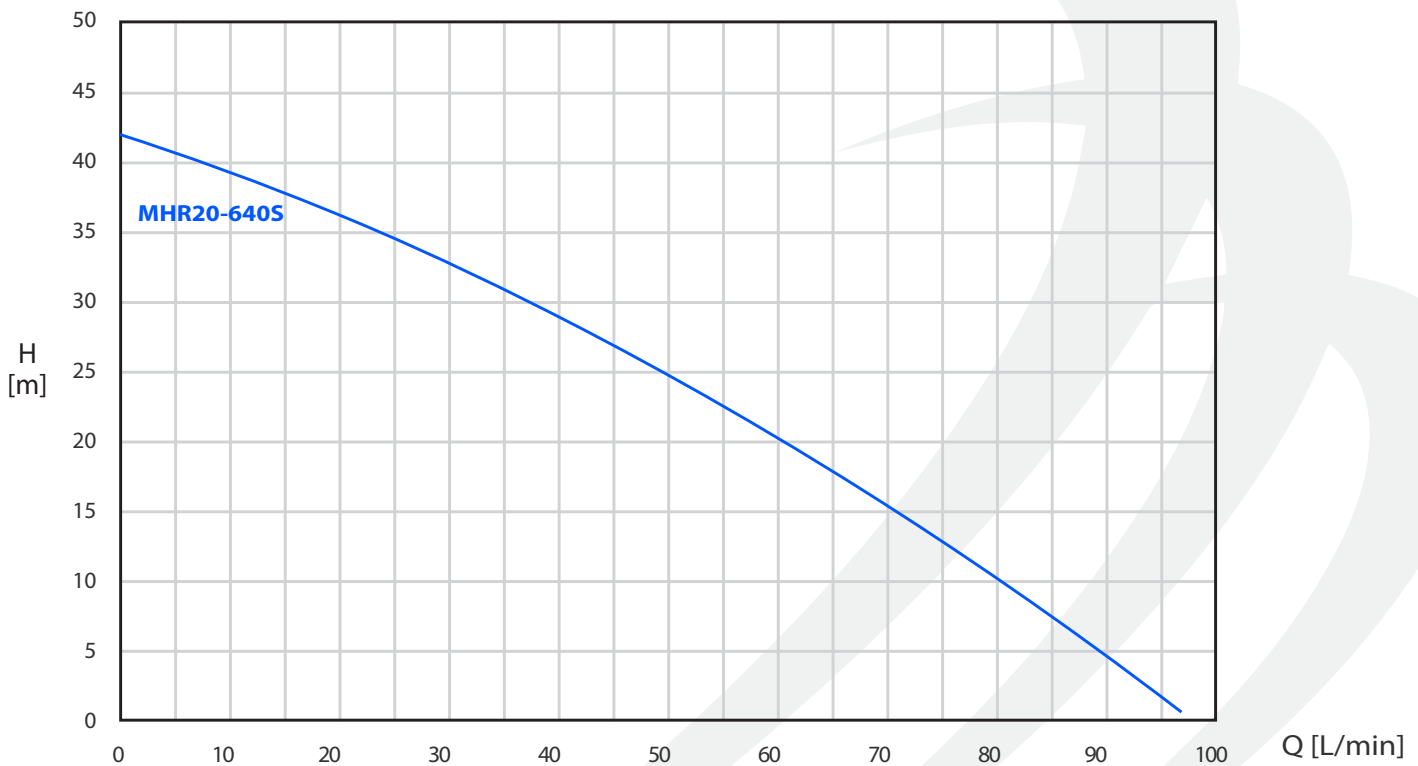
Data Sheet

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MHR20-640S

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## MHR20-640S

Performance curve



### TECHNICAL DATA

MODEL	VOLTS	POWER (kW)	AMPS	MAXIMUM FLOW	MAXIMUM HEAD	OUTLET (mm)	CABLE LENGTH (m)
MHR20-640S	240	1	4.2	90	42	25	5

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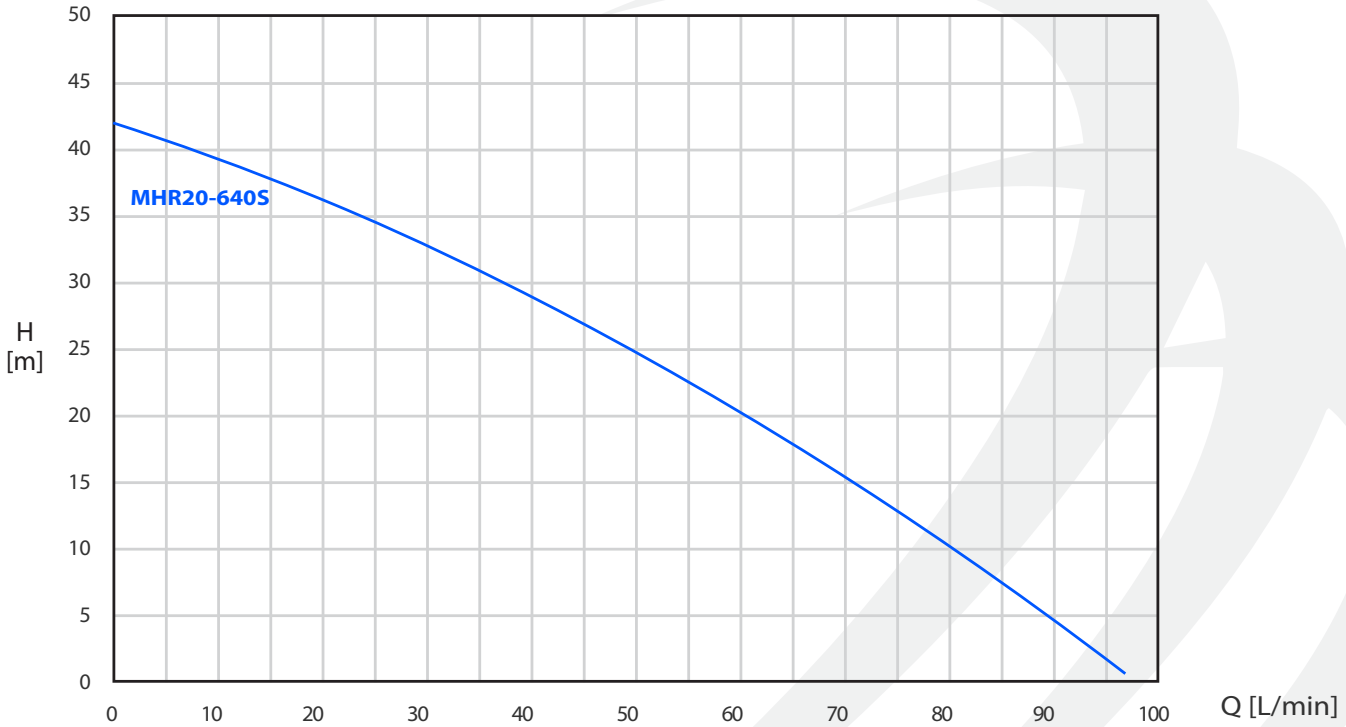
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## MHR20-640S

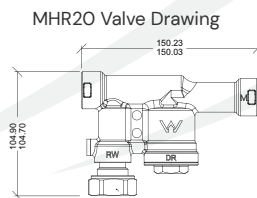
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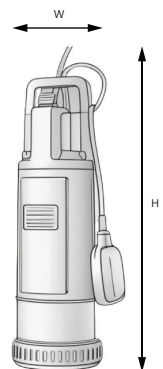
## MHR20-640S

Drawings / Dimensions >>



HSM6-40A drawing and dimensions

DIMS (mm)		WT (kg)
H	W	
520	130	8.5



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