

RAIN/MAINS CHANGEOVER SYSTEMS

MaxiSAVE 20mm Rain/Mains Systems

MHR20 SERIES

MHR20-370/550



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 not requiring a float switch. This design makes the MHR20 System very simple to install.
- The MHR20 Valve comes with 3/4" outlet, which makes the system ideal for domestic applications. Certified to: WaterMark ATS 5200.477 WMK 60075 Complies with AS/NZS 3500.1 when installed by a licensed plumber.

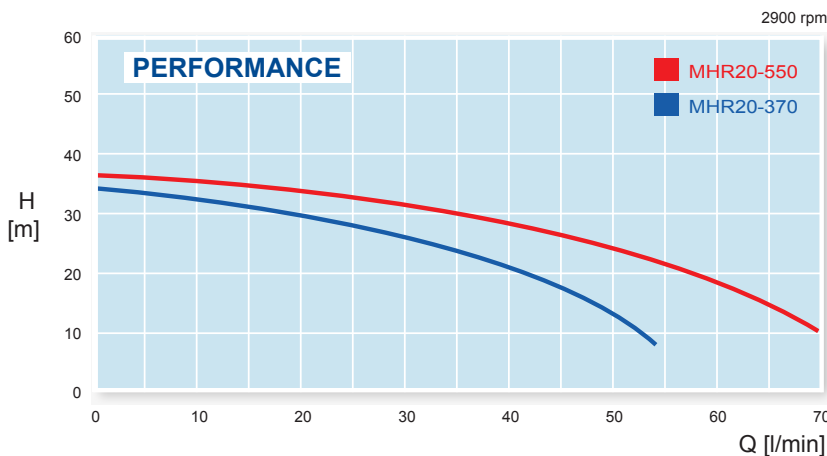
Note: Should the static mains supply be greater than 400 kPa above the supply pressure of the pump the device will not completely isolate mains water.

VALVE SPECIFICATIONS

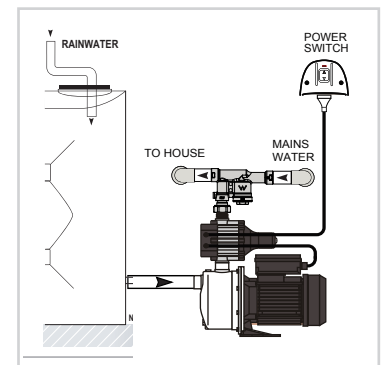
- Max mains pressure 500 KPa
- Max pump pressure 600 KPa
- Flow rate >50 LPM
- Max Water Temperature 40C
- Rainwater Inlet 25mm 1" BSP F
- Mains Water in 20mm 3/4" BSP F
- Outlets 20mm 3/4" BSP F

CONSTRUCTION

- Pump body: AISI 304 Stainless steel
- Impeller: Stainless steel
- Motor Shaft: Stainless steel
- Mech seal: Ceramic / Graphite / NBR



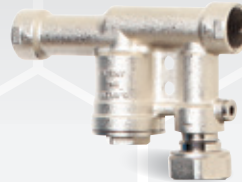
Installation Guide



TECHNICAL DATA

Model	Description	Power (kW)	Head (m)	Flow (L/min)	Outlets	Applications
MHR20-370	HYJET Hydraulic Rain/Mains System with HSJ370 Pressure Pump	0.37	36	55	3	Single Storey
MHR20-550	HYJET Hydraulic Rain/Mains System with HSJ550 Pressure Pump	0.55	38	70	4	Double Storey

MHR20-750S SUBMERSIBLE OPTION



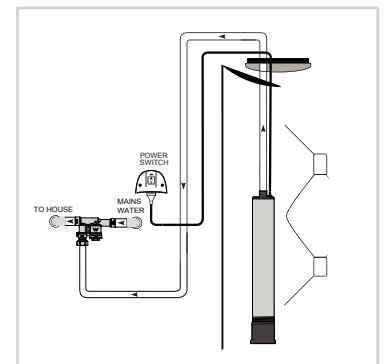
VALVE FEATURES

- Australian made changeover valve
- Easy to install
- Does not require regular maintenance
- MHR20 valve - solid brass construction
- No in-tank float required
- Mains pressure not limited
- Certified dual check valve for backflow prevention

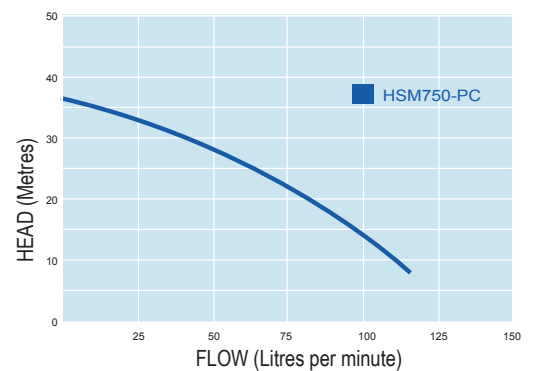
CONSTRUCTION

- Pump casing: Stainless steel AISI 304
- Motor shaft: Stainless steel AISI 304
- Impellers: Technopolymer
- Diffuser: Technopolymer
- Double mechanical seal:
silicon carbide – graphite / ceramic – graphite
- Motor IP68
- Cooled motor (by water) of Class F
and thermal protection
- Electric power cable HO7RN 5m with 3 pin

Installation Guide



PERFORMANCE



TECHNICAL DATA

Model	POWER		MAX. FLOW (L/min)	MAX. HEAD (m)	Outlets	STOREY Suitable for:	CONNECTION	
	(kW)	(HP)					Outlet (mm)	Mains Inlet
MHR20-750S	0.75	1	115	36	4	Single & Double	3/4" (F)	3/4" (F)