



MHR20-750S

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.

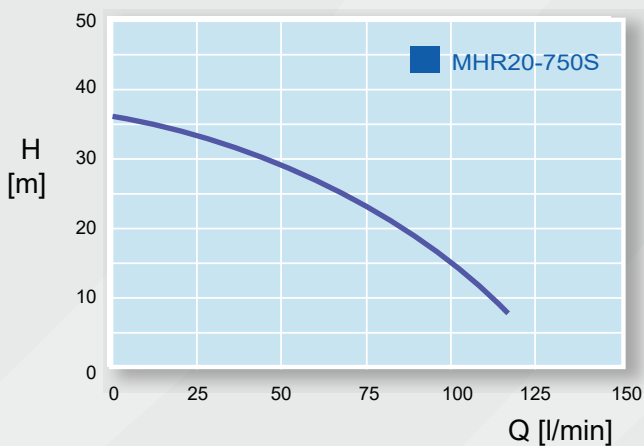
VALVE SPECIFICATIONS

- 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

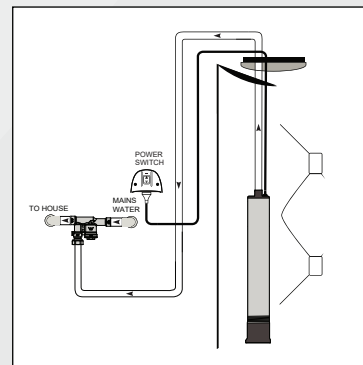
CONSTRUCTION

- Pump 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

PERFORMANCE CURVE



Installation Guide



TECHNICAL DATA

Model	POWER	MAX. FLOW	MAX. HEAD	STOREY		CONNECTION	
	(kW)	(L/min)	(m)	Outlets	Suitable for:	Outlet (mm)	Mains Inlet
MHR20-750S	0.75	115	36	6	Single & Double	3/4" (F)	3/4" (F)