

MHR20-TM2

Rain / Mains Changeover System

-  Clean water
-  Domestic use
-  Civil use

**AUTOMATIC
START & STOP**



PERFORMANCE RANGE

- Flow rate up to **120 l/min** (7.2 m³/h)
- Head up to **42 m**
- Restart pressure: **1.5 bar**

APPLICATION LIMITS

- **5 m** maximum immersion depth
- Maximum height between pump and point of use **10 m**
- Maximum liquid temperature **+40 °C**
- Suction down to **34 mm** above ground level
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

Complete with:

- **10 m** long power cable
- internal electronic device for pump starting (when tap opened) and stopping (when tap closed)
- threaded connector 1 1/4" (delivery)
- hose connector Ø 35 mm

EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3



CERTIFICATIONS

Company with management system certified DNV
ISO 9001: QUALITY



INSTALLATION AND USE

- 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.

PATENTS - TRADE MARKS - MODELS

- Patent n. EP2990653
- TOP MULTI® Registered Trade Mark n. 0001334477

OPTIONS AVAILABLE ON REQUEST

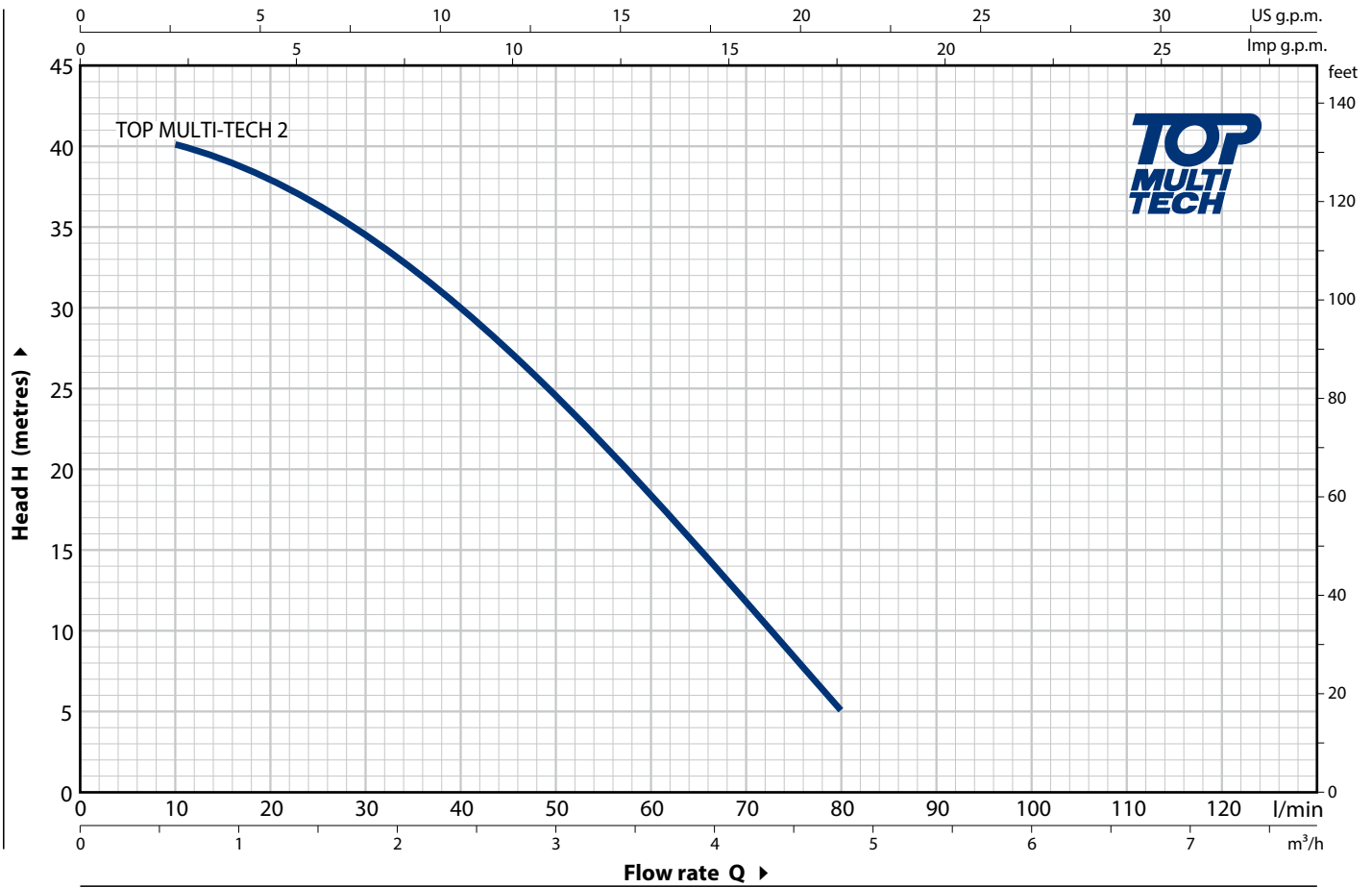
- Other voltages or 60 Hz frequency

ABSORPTION

MODEL	VOLTAGE
Single-phase	230 V
TOP MULTI-TECH 2	3.4 A

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 min⁻¹

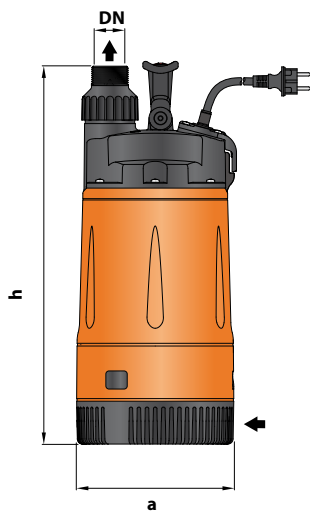


MODEL	POWER (P ₂)		Q	Flow rate															
	kW	HP		m ³ /h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2		
Single-phase			l/min	0	10	20	30	40	50	60	70	80	90	100	110	120			
TOP MULTI-TECH 2	0.55	0.75	H metres	42	40	38	34	30	24	18	11.5	5							

Q = Flow rate H = Total manometric head

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

DIMENSIONS AND WEIGHT



MODEL	PORT	N. STAGES	DIMENSIONS		kg
			mm	mm	
Single-phase	DN		a	h	
TOP MULTI-TECH 2	1¼"	3	178	428	9.3

INSTALLATION GUIDE

