

AUTOMATIC. HIGH PERFORMANCE. SURFACE PUMPS.



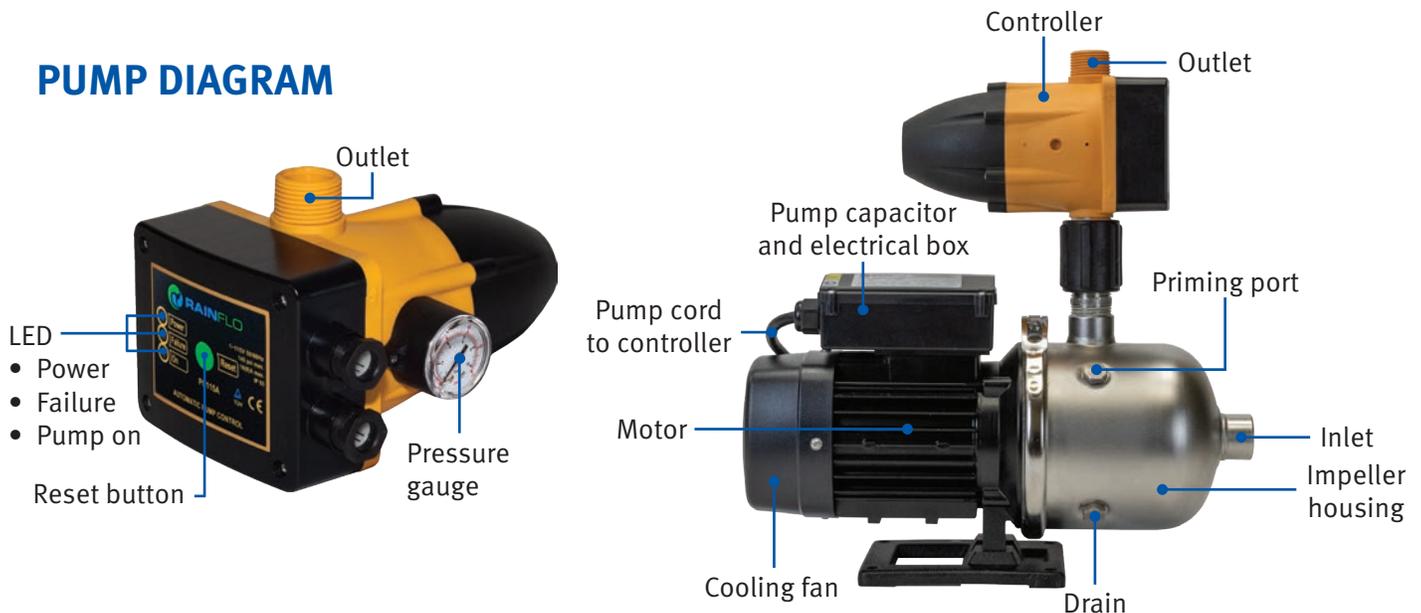
RainFlo MHPA automatic water pumps are high performance multi-stage centrifugal surface pumps for residential, commercial, and light-industrial systems. RainFlo above ground pumps are specially designed for the unique requirements of rainwater collection systems while offering exceptional performance as standard booster pumps.

Available in 3 sizes, the MHPA series of pumps is ideal for on demand usage at a constant pressure. For on/off functions and run-dry protection, the MHPA integrates a RainFlo automatic 115V pump controller with the pump for a complete solution.

Features:

- Large threaded inlet
- All stainless steel water end - including stainless steel casing, impellers, diffusers, drive shaft, and bearings
- Versatile operation in a wide variety of temperature ranges and liquids, such as rainwater, mineral water, soft water, pure water, and clean oil
- 1/2, 3/4, or 1 1/2 hp models
- Quiet operation of less than 65 dB

PUMP DIAGRAM



SPECIFICATIONS

RainFlo Multi-Stage Centrifugal Pumps

Model No.	MHP50A	MHP75A	MHP150A
Horsepower	1/2	3/4	1 1/2
Nominal voltage range	110-125 VAC, 60Hz, 8A max.	110-125 VAC, 60Hz, 12A max.	110-125 VAC, 60Hz, 14A max.
P1kW (Input)	0.55	1.04	1.5
P2kW (Output)	0.37	0.55	0.75
Impeller stages	2	4	4
Maximum flow	17.6 GPM	26 GPM	36 GPM
GPM at 60 PSI (0 Head)	N/A	9.2	12
GPM at 50 PSI (0 Head)	N/A	14	19.5
Maximum head	79 ft.	164 ft.	168 ft.
System pressure	up to 34 PSI	up to 65 PSI	up to 65 PSI
Inlet pressure	up to 45 PSI	up to 45 PSI	up to 45 PSI
Inlet/outlet size	1"FNPT/1"MNPT	1"FNPT/1"MNPT	1-1/4" FNPT/1" MNPT
Weight	19.65 lbs.	22 lbs.	25.5 lbs.
Dimensions	15.75"L x 6.5"W x 9"H	15.75"L x 6.5"W x 9"H	16"L x 6.5"W x 9.3"H
Operating liquid temp	41° - 158°F	41° - 158°F	41° - 158°F
Thermal protection		yes	
Max. environmental temp		122°F	
Motor	2-pole induction, continuous duty		
RPM	3450		
Cooling	Air cooled		
Insulation class	F		
Protection	IP55		
Certifications	TUV, CCC		
Warranty	1 year		

PUMP PERFORMANCE

