



MHP39KS-01

Swimming pool Heatpump



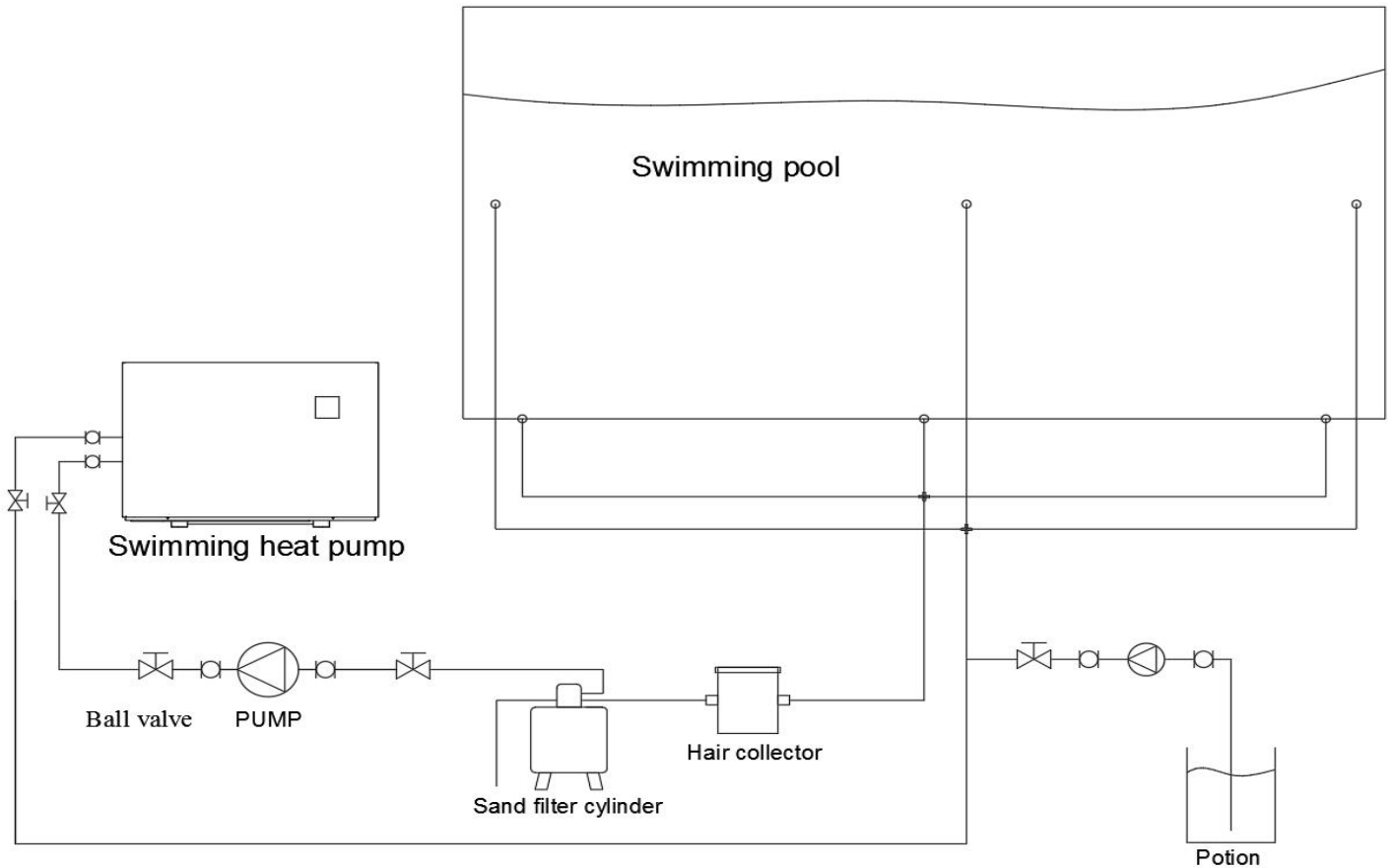
Features:

1. Working source temperature range: -15°C to 45°C
2. Control Object: inlet temperature
(Setting range: Heating: $18^{\circ}\text{C} \sim 35^{\circ}\text{C}$; Cooling: $32^{\circ}\text{C} \sim 15^{\circ}\text{C}$)
3. Control Way: wire controller
4. Water Pump: start/stop according to water inlet temp



Unit Name					
Model			MHP39KS-01		
Advised Pool Volume		m3	80-140		
Power Supply		V/Hz/Ph	380-420/50/3		
Refrigerant			R32		
Max. Heating Capacity (1)		kW	39		
C.O.P (1)		W/W	6.98		
Heating Capacity Min./Max.(1)		kW	12.09	/	39
Heating Power Input Min./Max.(1)		W	770	/	5587
C.O.P Min./Max.(1)		W/W	6.98	/	15.71
Max. Heating Capacity(2)		kW	28.1		
C.O.P (2)		W/W	4.85		
Heating Capacity Min./Max.(2)		kW	8.99	/	28.08
Heating power input Min./Max.(2)		W	1122	/	5788
C.O.P Min./Max.(2)		W/W	4.85	/	8.01
Max. Cooling Capacity(3)		kW	21.5		
E.E.R (3)		W/W	3.15		
Cooling Capacity Min./Max.(3)		kW	9.87	/	21.45
Cooling Power Input Min./Max.(3)		W	2086	/	6803
E.E.R Min./Max.(3)		W/W	3.15	/	4.73
Rated Current		A	11.8		
Max Current		A	17.10		
Max Power Input		kW	7.93		
Compressor	Type - Quantity/System		Twin Rotary - 1		
Fan	Quantity		1		
	Airflow	m3/h	8000		
	Rated power	W	250		
Water Side Heat Exchanger	Type		Titanium Tube in PVC		
	Water Pressure Drop	kPa	25		
	Piping Connection	mm	φ50		
Water Flow	Min./Rated./Max	L/S	2.33	3.73	4.66
Noise Level		dB(A)	62		
Net Dimension(L×D×H)		mm	1090*550*1100		
Packing Dimension(L×D×H)		mm	1120*580*1230		
Net Weight		kg	150		
Gross Weight		kg	176		

Installation Diagram



Note:

- (1) Performance Condition: Air 27°C/Water 26°C/Humidity 80%
- (2) Performance Condition: Air 15°C/Water 26°C/Humidity 70%
- (3) Performance condition: Air 35°C/Water 28°C/Humidity 64%