

AQUAGREEN WATER PUMP



HFC-01



Application

Filter centrifugal pumps are designed for cleaning swimming pool, They are suitable to transfer high volumes of water(not exceeding 45°C) against low head. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Operating conditions

- ※ Liquid temperature up to 45°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

Motor

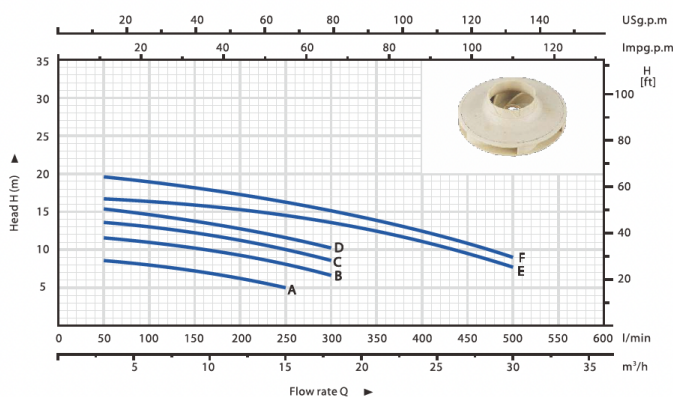
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation **Class B**
- ※ Protection **IP44**
- ※ Continuous service **S1**
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Component

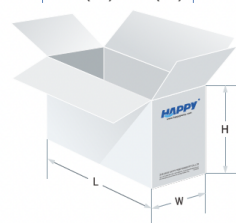
- ※ **Pump body:** Techno-polymer
- ※ **Pump support:** Aluminum
- ※ **Motor housing:** Aluminum
- ※ **Impeller:** Techno-polymer
- ※ **Motor shaft:** AISI304 SS
- ※ **Mechanical seal:** Ceramic/Graphite

Construction

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	INLET/OUTLET	N.W	L x W x H
		(mm)	(Kg)	(mm)
A	HFC-601	48.5(50)×48.5(50)	8.4	590×230×295
B	HFC-801	48.5(50)×48.5(50)	9.1	590×230×295
C	HFC-901	48.5(50)×48.5(50)	10.1	590×230×295
D	HFC-1101	48.5(50)×48.5(50)	10.7	590×230×295
E	HFC-1501	48.5(50)×48.5(50)	15.2	620×230×295
F	HFC-2201	48.5(50)×48.5(50)	16.1	620×230×295



NO.	MODEL	POWER(IN)	Q(m³/h)	0	3	6	9	12	15	18	21	24	27	30
		kW	Q(l/min)	0	50	100	150	200	250	300	350	400	450	500
A	HFC-601	0.6	H	9	8.6	8	7.2	6.2	5					
B	HFC-801	0.8		12	11.5	10.9	10.2	9.3	8.1	6.6				
C	HFC-901	0.9		14	13.6	13	12.2	11.2	10	8.6				
D	HFC-1101	1.1		16	15.3	14.6	13.8	12.8	11.6	10.2				
E	HFC-1501	1.5		17	16.7	16.4	15.9	15.3	14.6	13.6	12.3	11	9.5	7.6
F	HFC-2201	2.2		20	19.5	18.8	18	17.2	16.2	15	13.8	12.5	11	9