SWIMMING POOL PUMPS “HFC-01”



TECHNICAL FEATURES

- Filter centrifugal pump designed for swimming pool cleaning; suitable for transferring high volumes of water (not exceeding 45 °C) against low head.
- Install in an enclosed area, or at least sheltered from bad weather.



HFC-03 (on request)



HFC-01

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

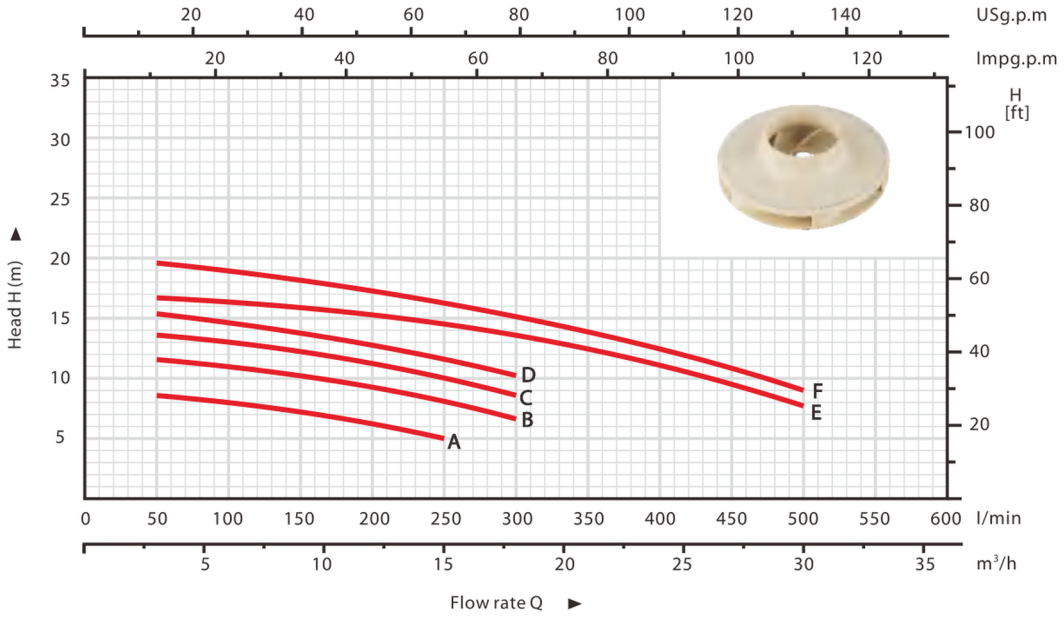
- Liquid temperature up to 45 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

SWIMMING POOL PUMPS “HFC-01”

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Techno-polymer
Pump support	Aluminium
Motor housing	Aluminium
Impeller	Techno-polymer
Motor shaft	AISI 304 SS
Mechanical seal	Ceramic / Graphite

PERFORMANCE CHART AT n = 2850 RPM



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

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (mm)	N.W. (kg)	L × W × H (mm)
A	HFC-601	48.5 (50) × 48.5 (50); 60.3 (63) × 60.3 (63) on request	8.4	590 × 230 × 295
B	HFC-801	48.5 (50) × 48.5 (50); 60.3 (63) × 60.3 (63) on request	9.1	590 × 230 × 295
C	HFC-901	48.5 (50) × 48.5 (50); 60.3 (63) × 60.3 (63) on request	10.1	590 × 230 × 295
D	HFC-1101	48.5 (50) × 48.5 (50); 60.3 (63) × 60.3 (63) on request	10.7	590 × 230 × 295
E	HFC-1501	48.5 (50) × 48.5 (50); 60.3 (63) × 60.3 (63) on request	15.2	620 × 230 × 295
F	HFC-2201	48.5 (50) × 48.5 (50); 60.3 (63) × 60.3 (63) on request	16.1	620 × 230 × 295

ACCESSORIES



Timer (on request)

Accessories as shown.

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.