SWIMMING POOL PUMPS “HFC-02”



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-05 (on request)



HFC-03 (on request)



HFC-02

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

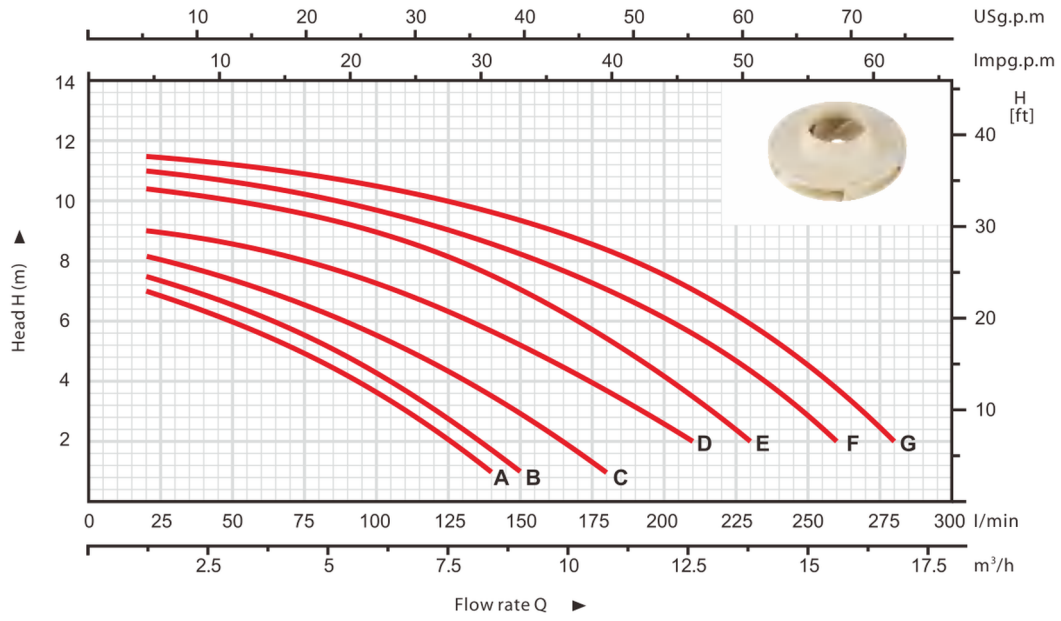
- Liquid temperature up to 45 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

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

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PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	Q (m³/h)	0	1.2	1.8	3.6	4.8	7.2	8.4	9	10.8	12.6	13.8	15.6	16.8
			Q (l/min)	0	20	30	60	80	120	140	150	180	210	230	260	280
A	HFC-252	0.28	H (m)	7.5	7	6.7	5.7	4.8	2.4	1						
B	HFC-302	0.31	H (m)	8	7.5	7.3	6.4	5.5	3.2	1.8	1					
C	HFC-352	0.35	H (m)	8.5	8	7.8	7	6.4	4.8	3.7	3	1				
D	HFC-452	0.45	H (m)	9.5	9	8.9	8.5	8.1	6.8	6	5.5	3.8	2			
E	HFC-552	0.55	H (m)	11	10.5	10.4	10	9.6	8.5	7.7	7.2	5.5	3.5	2		
F	HFC-752	0.75	H (m)	11.5	11	10.9	10.5	10.1	9.2	8.6	8.3	7.2	5.7	4.4	2	
G	HFC-852	0.85	H (m)	12	11.5	11.4	11	10.7	10	9.6	9.4	8.5	7.2	6	3.9	2

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TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (mm)	N.W. (kg)	L × W × H (mm)
A	HFC-252	48.5(50) × 48.5(50)	4.7	450 × 200 × 215
B	HFC-302	48.5(50) × 48.5(50)	4.8	450 × 200 × 215
C	HFC-352	48.5(50) × 48.5(50)	4.9	450 × 200 × 215
D	HFC-452	48.5(50) × 48.5(50)	5.1	450 × 200 × 215
E	HFC-552	48.5(50) × 48.5(50)	5.2	450 × 200 × 215
F	HFC-752	48.5(50) × 48.5(50)	5.9	450 × 200 × 215
G	HFC-852	48.5(50) × 48.5(50)	6.2	450 × 200 × 215

ACCESSORIES



Timer (on request)

Accessories as shown.

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