



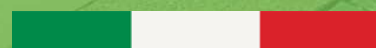
VA-MA[®]

various advanced manufacturing applications

TECHNICAL CATALOGUE

(Swimming pool Pumps)

MADE IN ITALY



V-MAX PUMP

Description & Applications:

Vmax pool pump series is typical swimming pool pump applied for sauna and Spa equipment. The pump body, diffuser and impeller applied efficient structure design with max flow, max head and low noise. Liquids part is made of high reinforce engineering techno-polymer that can afford impact caused by stream. Inlet and outlet are with male thread for easy connection.

The high reinforce engineering plastic base is vibration-resistance and corrosive-resistance.

v-max series is suitable for sauna, spa pool and sand filter of swimming pool.



Main Features:

- Flow rate up to 32 m³/hr
- Head up to 20 m
- Max water temperature 50 °c
- Ambient temperature up to 40 °c

Component Construction:

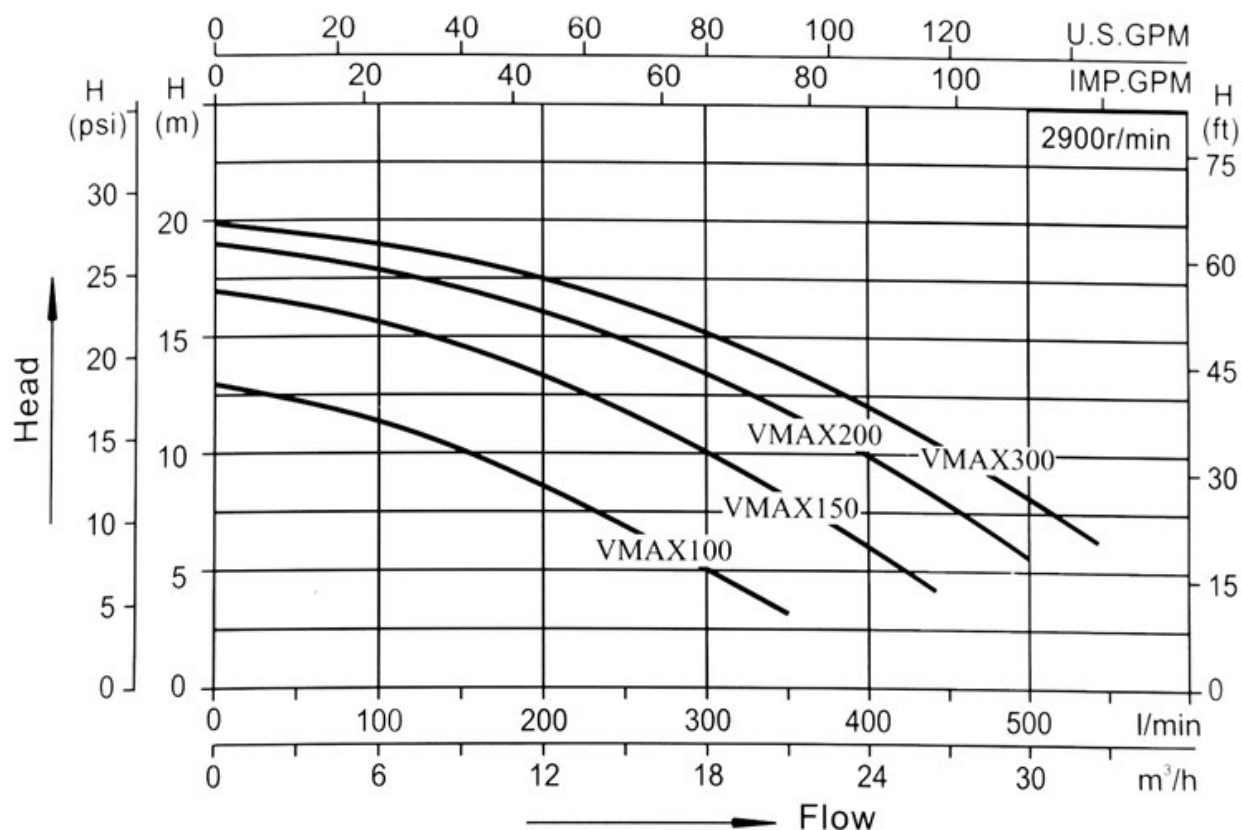
- Pump body : Reinforced techno-polymer
- Pump bracket : Aluminum
- Diffuser : Reinforced techno-polymer
- Impeller: Reinforced techno-polymer
- Pump shaft : Stainless steel AISI 316
- Mechanical seal : Graphite / Silicon

Motor:

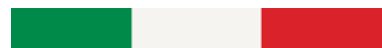
- Two-pole induction motor (n=2900 r.p.m)
- External cooling
- Insulation class F
- Protection degree IP55
- Single phase 220V/50Hz
- Thermal protection
- Continuous service S1

V-MAX

SPECIFICATIONS:

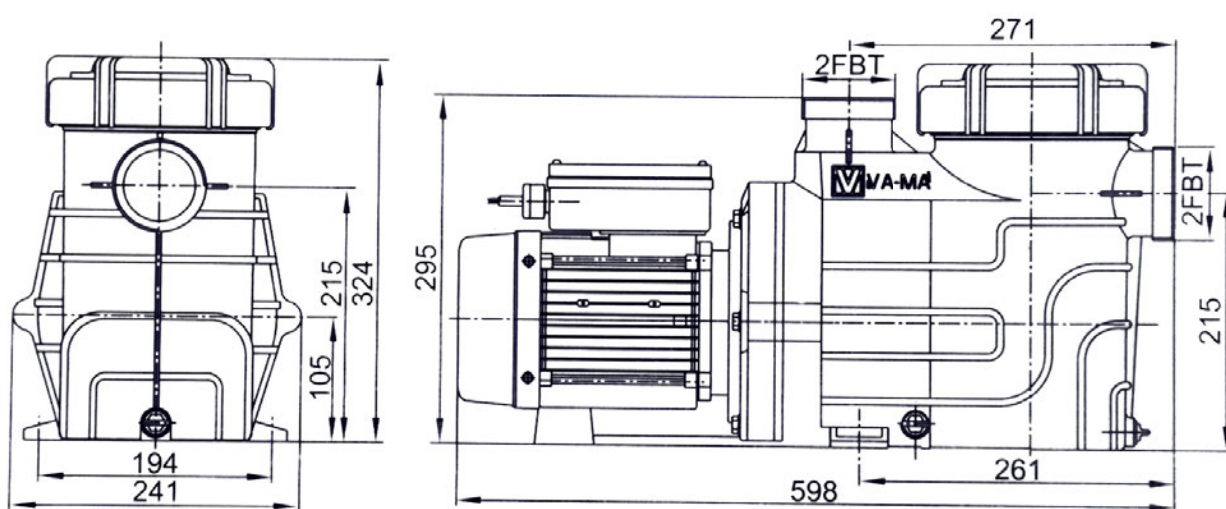


Type	P2		Ampere	Flow Rate (Q)													
			l/min	0	50	100	150	200	250	300	350	400	450	500	550		
	1~ 230V-50Hz	m³/hr	0	3	6	9	12	15	18	21	24	27	30	32			
		(KW)	(HP)	Head (H)													
V-MAX100	0.75	1.0	3.8	m	13	12	11	10	8.5	7	5	3	-	-	-	-	
V-MAX150	1.1	1.5	5.6		17	16	15.5	14.5	13	12	10	8	6	4	-	-	
V-MAX200	1.5	2.0	7		19	18.5	18	17	16	15	14	12	10	8	6	-	
V-MAX300	2.2	3.0	10		20	19.5	18.5	18	17.5	17	15	13	12	10	8	6	



V-MAX

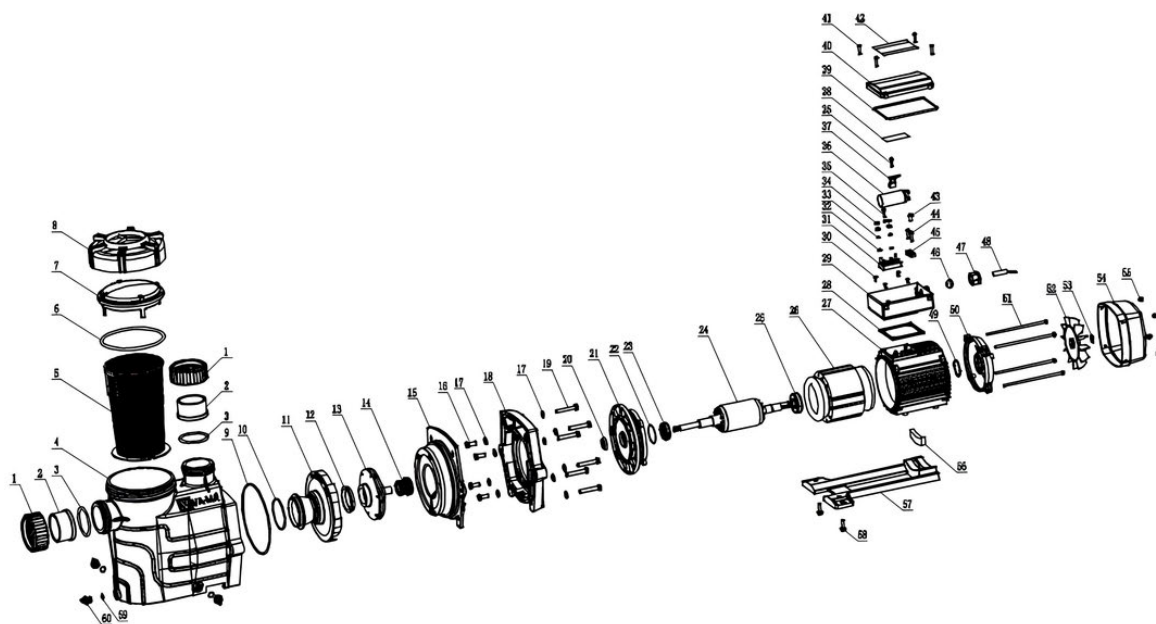
DIMENSIONS:



Model	Fitting (mm)	G.W (Kg)
V-MAX100	63	15.8
V-MAX150		16.5
V-MAX200		18.8
V-MAX300		22

V-MAX

EXPLODED VIEW:



NO.	Part Name
1	Tie-in Nut
2	Tie
3	O-Ring
4	Pump Casing
5	Filter
6	O-Ring
7	Transparent cover
8	Gland cover of Transparent cover
9	O-Ring
10	O-Ring

NO.	Part Name
11	Guide vane assembly
12	Activities Rings
13	Impeller
14	Mecanical seal
15	Pump Cover
16	Hexagon Bolt
17	Washer
18	Transition to the front
19	Hexagon Bolt
20	B type shaft seal ring

NO.	Part Name
21	Front cover
22	Bearing pad
23	Bearing
24	Rotor assembling
25	Bearing
26	Stator assembly
49	wave washer
50	Back cover
52	Fan
54	Fan cover



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