

# Vigila 100 Drainage

## Submersible pumps for the drainage of clear water

### Applications

Drainage of clear water, decorative fountains, tanks, etc.

### Materials

Pump body, impellers and suction filter in technopolymer.

Motor shaft in stainless steel AISI 420.

Double lip seal and o-rings in NBR.

### Motor

Asynchronous, two poles.

IP 68 protection.

Class F insulation.

Forced cooling through the discharge water.

### Limitations

Maximum solids handling:  $\varnothing$  5 mm.

### Equipment

Supplied with 10 m power cable.

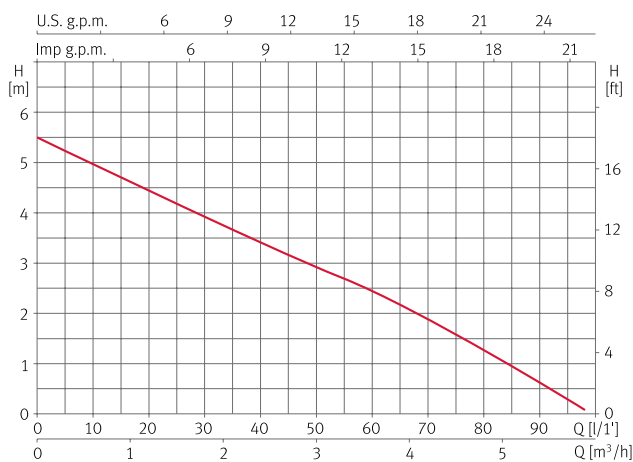
**Vigila 100 M A:** with float switch.



## Hydraulic performance table

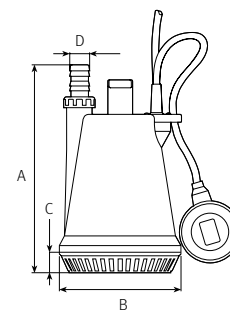
Model	I [A]	P1 [kW]	P2		c [μF]	l/min m³/h	10	20	30	40	50	60	80	95
	1~230 V	1~230 V	[kW]	[HP]			0,6	1,2	1,8	2,4	3,0	3,6	4,8	5,7
Vigila 100	1.04	0.23	0.11	0.15	6	mwc	5	4.3	3.7	3.4	3.0	2.5	1.2	0.3

## Performance curves at 2900 rpm



## Dimensions and weights

Model	A	B	C	D	Kg
Vigila 100	272	159	26,5	1"/25	3,8



# Vigila 200/350/500 Drainage



## Submersible pumps for the drainage of clear water

### Applications

Emptying of drains, residential sumps, rain water tanks, etc.  
Emergency emptying of flooded garages or basements.  
Water transfer from tanks and cisterns.

### Materials

Pump body, impellers and suction filter in technopolymer.  
Double lip seal and o-rings in NBR.  
Vigila M H A: internal metal parts in stainless steel AISI 316.

### Motor

Asynchronous, two poles.  
IP 68 protection.  
Class F insulation.  
Built-in thermal protection and capacitor.

### Limitations

Maximum solids handling: Ø 10 mm.

### Equipment

Supplied with 10 m power cable.  
**Vigila M H A:** with float switch.

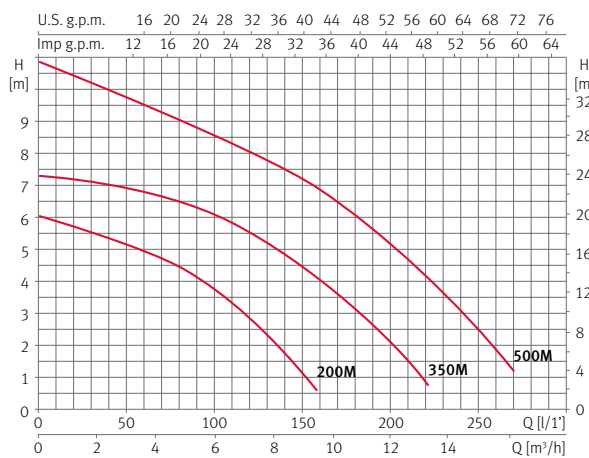


DRAINAGE

### Hydraulic performance table

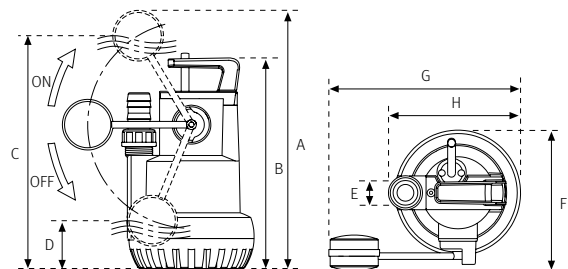
Model	I [A]	P1 [kW]	P2		c [µF]	l/min									
	1~230 V	1~230 V	[kW]	[HP]			20	40	80	120	160	200	240	260	
Vigila 200	1,5	0,35	0,25	0,33	8	mwc	1,2	2,4	4,8	7,2	9,6	12	14,4	15,6	
Vigila 350	2,2	0,5	0,5	0,67	10		5,6	5,3	4,5	2,8					
Vigila 500	3,7	0,85	0,6	0,8	10		7,2	7	6,5	5,5	4	2			
							10,4	10	9	8	6,8	5	3	1,8	

### Performance curves at 2900 rpm



### Dimensions and weights

Model	A	B	C	D	E	F	G	H	Kg
Vigila 200	392	319,7	353	72	30	213,5	291	201	4,5
Vigila 350	443,5	372	405	124	30	213,5	291	201	6,7
Vigila 500	443,5	372	405	124	30	213,5	291	201	7,1



# Vigilex Drainage

## Submersible pumps, Vortex system for sewage water

### Applications

Drainage of sewage and dirty water, in domestic installations, operation in septic tanks and small purifying installations.

### Materials

Pump body and pump foot in glass-loaded polypropylene.  
Impeller in glass-loaded polyamide.  
Double lip seal in NBR.

**Vigilex M H A:** internal metal parts in stainless steel AISI 316.

### Motor

Asynchronous, two poles.  
IP 68 protection.  
Class F insulation.  
Built-in thermal protector.

### Limitations

Maximum solids handling: Ø 24 mm.  
Maximum immersion: 5 m.

### Equipments

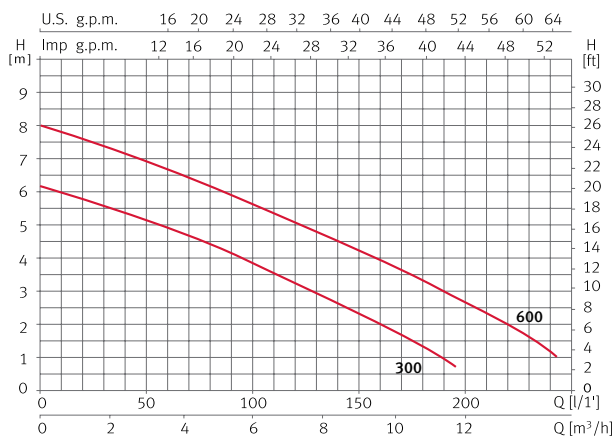
Supplied with capacitor box.  
Supplied with 10 m power cable.  
**Vigilex M H A:** with float switch.



## Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c	l/min	25	50	75	100	125	150	190	240
	1~230 V	1~230 V	[kW]	[HP]	[µF]									
Vigilex 300	3	0,7	0,5	0,67	10	mwc	5,7	5,2	4,6	3,8	3,2	2,3	1	
Vigilex 600	3,4	0,8	0,6	0,8	10		7,5	7	6,3	5,6	5	4,3	3	1

## Performance curves at 2900 rpm



## Dimensions and weights

Model	A	B	C	D	E	F	Kg
Vigilex 300	380	362	30	213,5	410	201	4,5
Vigilex 600	380	362	30	213,5	410	201	6,7

