

# Vigila 100 Drainage



## Portable submersible pump for waste water

### Applications

Evacuation, transfer and emptying of waste water and emptying of swimming pools.

### Materials

Pump in technopolymer.  
Pump shaft in AISI 420.  
Impeller in technopolymer.  
Lip seal.  
O-rings in NBR/EPDM.  
Model C with ceramic coated shaft.

### Motor

Asynchronous 2 poles.  
IP68 protection.  
Class F insulation.  
Continuous operation.  
Built-in thermal protection.

### Limitations

Maximum water temperature: 40°C.  
Maximum solids passage: Ø 5mm.  
Maximum submersion: 2m.

### Equipment

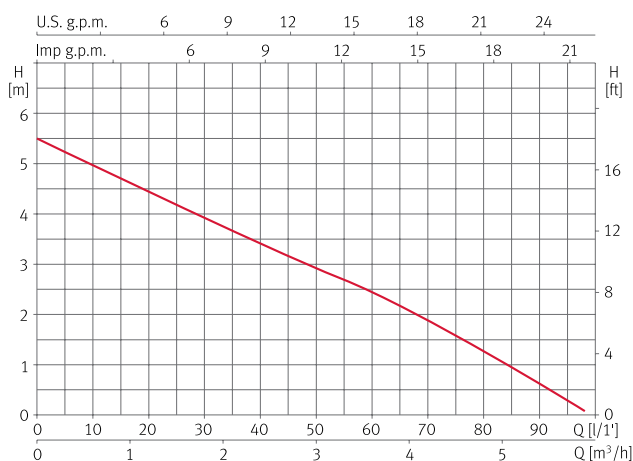
Float switch and 5m of cable with plug type F.  
Internal capacitor.



### Hydraulic performance table

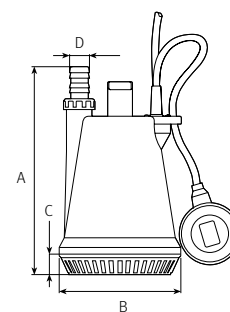
Model	I [A]	P1 [kW]	P2		c [µF]	l/min	10	20	30	40	50	60	80	95	Code	
			[kW]	[HP]											1~230V	1~230V (Model C)
Vigila 100	1,04	0,23	0,11	0,15	6	m <sup>3</sup> /h	0,6	1,2	1,8	2,4	3,0	3,6	4,8	5,7	97802	97806

### Performance curve at 2900 rpm



### Dimension and weight

Model	A	B	C	D	Kg
Vigila 100	272	159	27	1 1/4"	3,8



## Portable submersible pump for waste water

### Applications

Evacuation, transfer and emptying of waste water and emptying of swimming pools.

### Materials

Pump in technopolymer.  
Pump shaft in AISI 420.  
Impeller in technopolymer.  
Lip seal.  
O-rings in NBR/EPDM.  
Model H with internal parts in AISI 316.

### Equipment

Float switch and 10m of cable with plug type F.  
Internal capacitor.

### Motor

Asynchronous 2 poles.  
IP68 protection.  
Class F insulation.  
Continuous operation.  
Built-in thermal protection.

### Limitations

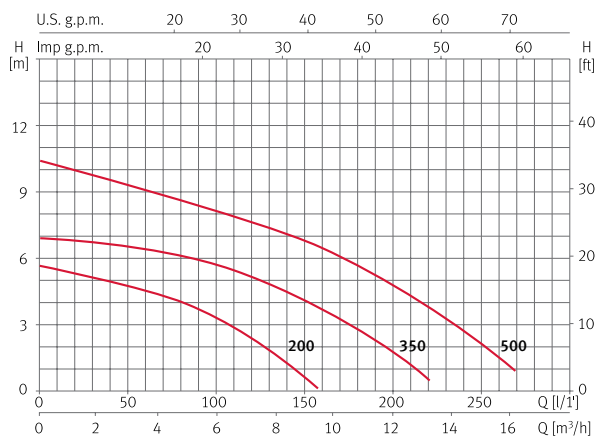
Maximum water temperature: 40°C.  
Maximum solids passage: Ø 10mm.  
Maximum submersion: 7m.



### Hydraulic performance table

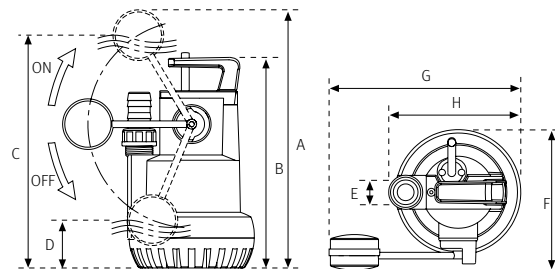
Model	I [A]	P1 [kW]	P2		c [µF]	l/min m³/h	20	40	80	120	160	200	240	260	Code	
	1~230V	1~	[kW]	[HP]			20	40	80	120	160	200	240	260	1~230V	1~230V (Model H)
Vigila 200	1,8	0,38	0,25	0,33	8	mwc	5,6	5,3	4,5	2,8	-	-	-	-	105776	105779
Vigila 350	2,7	0,55	0,5	0,7	10		7,2	7	6,5	5,5	4	2	-	-	105781	105784
Vigila 500	3,7	0,85	0,6	0,8	10		10,4	10	9	8	6,8	5	3	1,8	105787	105790

### Performance curve at 2900 rpm



### Dimension and weight

Model	A	B	C	D	E	F	G	H	Kg
Vigila 200	392	320	353	72	1 1/4"	214	291	201	4,5
Vigila 350	444	372	405	124	1 1/4"	214	291	201	6,7
Vigila 500	444	372	405	124	1 1/4"	214	291	201	7,1



## Portable submersible pump for waste water with solids in suspension, vortex system

### Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

### Materials

Pump in technopolymer.  
Pump shaft in AISI 420.  
Impeller in technopolymer.  
Lip seal.  
O-rings in NBR/EPDM.  
Model H with internal parts in AISI 316.

### Motor

Asynchronous 2 poles.  
IP68 protection.  
Class F insulation.  
Continuous operation.  
Built-in thermal protection.

### Limitations

Maximum water temperature: 40°C.  
Maximum solids passage: Ø 25mm.  
Maximum submersion: 7m.

### Equipment

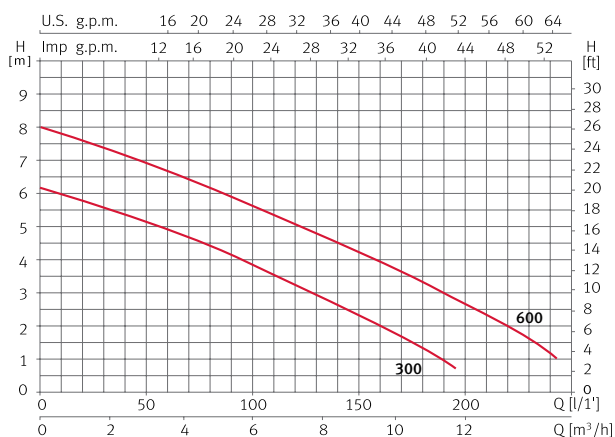
Float switch and 10m of cable with plug type F.  
Internal capacitor.



### Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c [µF]	l/min	25	50	75	100	125	150	190	240	Code	
	1~230V	1~	[kW]	[HP]			m³/h	1,5	3,0	4,5	6,0	7,5	9,0	11,4	14,4	1~230V
Vigilex 300	2,5	0,6	0,5	0,7	10	mwc	5,7	5,2	4,6	3,8	3,2	2,3	1	-	105796	134347
Vigilex 600	3,3	0,8	0,6	0,8	10		7,5	7	6,3	5,6	5	4,3	3	1	105800	134348

### Performance curve at 2900 rpm



### Dimension and weight

Model	A	B	C	D	E	F	Kg
Vigilex 300	380	362	1 1/4"	214	410	201	4,5
Vigilex 600	380	362	1 1/4"	214	410	201	6,7

