

## Portable submersible pumps for the drainage of water without solids in suspension

### Applications

Drainage of infiltration water, empty swimming-pools, operation in decorative fountains and waterfalls.

### Materials

Discharge cover, pump casing, motor casing and filter in stainless steel AISI 304.  
 Impeller in elastomer plastic, reinforced with steel sheet.  
 Pump direction mounting and foot in tecnopolimer.  
 Motor shaft in stainless steel AISI 420.  
 Mechanical seal in silicon carbide/ alumine oxide.  
 O-rings in NBR.

### Motor

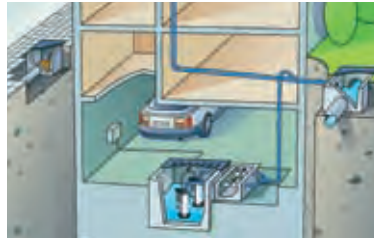
Asynchronous, two poles.  
 IP 68 protection.  
 Class F insulation.  
 Continuous operation.  
 Built-in thermal protection.

### Limitations

Maximum passage of solids: 8mm.  
 Maximum immersion: 9m.  
 Maximum liquid temperature: 40°C.

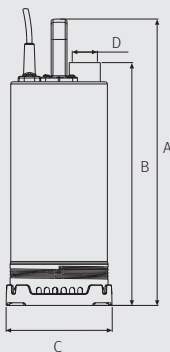
### Equipment

Supplied with 10m of electrical cable.  
 Integral capacitor.  
**Vigila SS:** without floating level switch.  
**Vigila SS A:** with floating level switch.

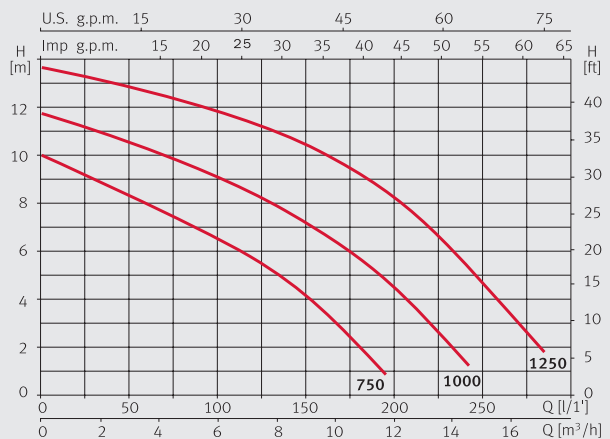


### Dimensions and weights

Model	A	B	C	D	Kg
Vigila SS 750M	434	380	160	1 1/4"	8.7
Vigila SS 1000M	454	400	160	1 1/4"	9.6
Vigila SS 1250M	474	420	160	1 1/4"	11



### Performance curves at 2900 rpm



### Hydraulic performance table and price

Model	I (A)	P1 (kW)	P2		µF	l/min	25	50	100	125	150	175	225	275	Price £	
	1~ 230 V	1~	(kW)	(HP)											1 x 230 V	1 x 230 V (A)
Vigila SS 750M	2.4	0.55	0.25	0.33	12	m³/h	1.5	3.0	6.0	7.5	9.0	10.5	13.5	16.5	260.00	278.00
Vigila SS 1000M	3.5	0.8	0.5	0.75	12	mwc	9.1	8.3	6.5	5.4	4.1	2.4			270.00	273.00
Vigila SS 1250M	5.0	1.1	0.9	1.2	12		13.2	12.8	11.8	11.2	10.4	9.4	6.5	2.5	296.00	314.00