

## Portable submersible pumps for drainage, Vortex system

### Applications

Drainage of sewage/dirty water, operation in septic tanks, small purifying installations and emptying of rainwater.  
Specially adapted for building use.

### Materials

Outer casing, impeller, diffuser, motor casing, pump base and upper cover in stainless steel AISI 304.  
Pump shaft in stainless steel AISI 316.  
Double mechanical seal on the pump side in silicon carbide/alumine oxidized.  
Lip seal on motor side in NBR.  
O-rings: NBR.

### Limitations

Maximum immersion: 5 m.  
Maximum liquid temperature: 50 °C.  
Maximum passage of solids: Ø30 mm.

### Motor

Asynchronous, two poles.  
Cooling via circulation of pumped liquid.  
Oil-filled motor.  
Protection IP 68.  
Isolation class F.  
Single-phase with built-in thermal protection and capacitor.

### Equipment

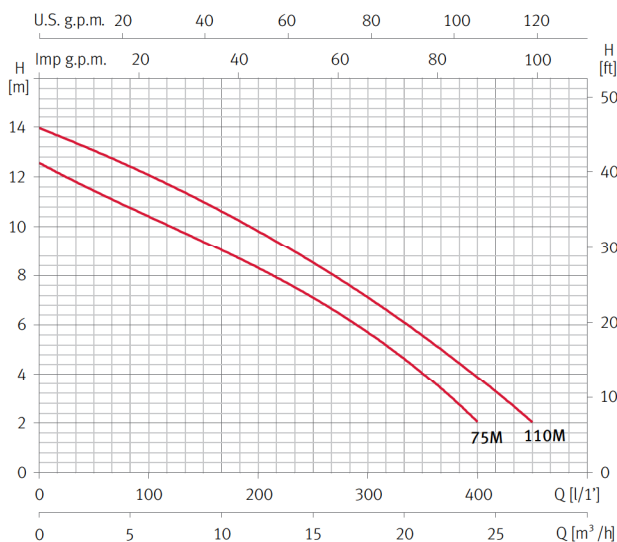
Supplied with 10 m of electric cable H07RN-F.  
**Viginox V M:** without float switch.  
**Viginox V M A:** with float switch.  
**Viginox V T:** three phase without float switch.



## Hydraulic performance table

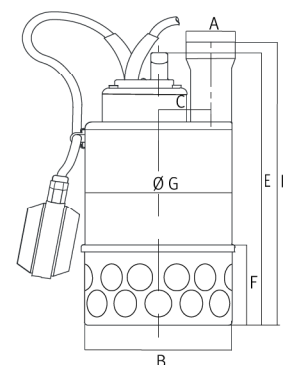
Model	I [A]		P1 [kW]		P2		c [µF]	l/min	0	100	200	300	350	400	1~230 V (Model M A)		1~230 V (Model M H A)		3~400 V (Model T)	
	1~230 V	3~400 V	1~230 V	3~400 V	[kW]	[HP]									Code	Price £	Code	Price £	Code	Price £
Viginox V 75	6.8	2.4	1.5	1.5	0.75	1.0	20	mwc	10.5	8.5	6.5	3.5	2.0		197379	431.00	197380	437.00	197381	437.00
Viginox V 110	9.0	3.3	2.2	2.0	1.1	1.5	30		12.5	10.5	8.0	6.0	4.0	2.0	197382	585.00	197383	593.00	197384	593.00

## Performance curves at 2900 rpm



## Dimensions and weights

Model	A	B	C	D	E	F	G	Kg
Viginox V 75	1 1/2"	204	73	344.2	325.2	106	Ø202	13.0
Viginox V 110	2"	204	73	384.7	393.2	106	Ø203	20.0



\*Service kits are available on request