

## Portable submersible pumps for drainage

### Applications

Drainage of filtered water.  
Emptying of pools and operation in decorative fountains, and emptying of rainwater.

### 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/alumina 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: Ø10 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.  
The thermal protection for the three-phase motors is to be provided by the user.

### Equipment

Supplied with 10 m of electric cable HO7RN-F.

**Viginox M:** without float switch.

**Viginox M A:** with float switch.

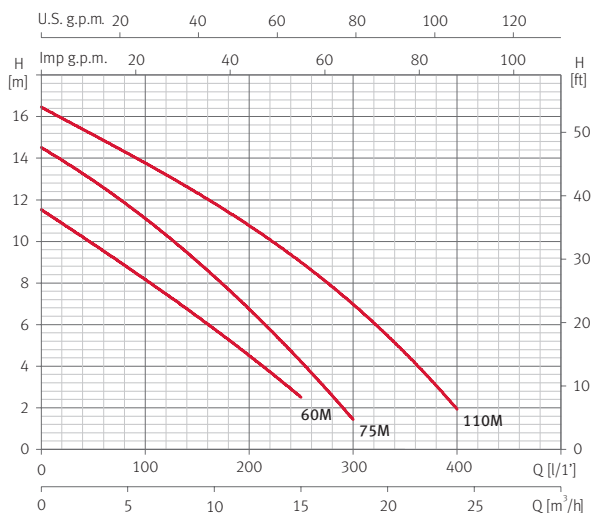
**Viginox T:** three phase without float switch.



### Hydraulic performance table

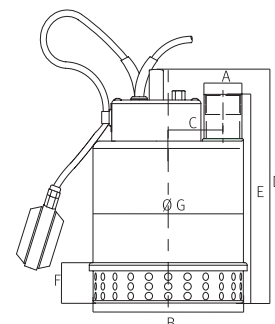
Model	I [A]		P1 [kW]		P2		c	l/ min	0	100	200	300	350	400	1~230 V (Model M)	1~230 V (Model M A)	3~400 V (Model T)
	1~230 V	3~400 V	1~230 V	3~400 V	[kW]	[HP]									[µF]	m³/h	0
Viginox 60	4.5	2.1	1.1	0.9	0.6	0.8	16	mwc	11.5	8.0	4.5	2.5			197367	197368	197369
Viginox 75	6.5	2.2	1.5	1.3	0.75	1.0	20		14.5	11.0	7.0	4.0	1.5		197370	197371	197372
Viginox 110	10.6	3.3	2.2	2.0	1.1	1.5	30		16.5	14.0	11.0	9.0	7.0	2.0	197373	197377	197378

### Performance curves at 2900 rpm



### Dimensions and weights

Model	A	B	C	D	E	F	G	Kg
Viginox 60	1 1/2"	212.4	89.7	290.2	259.2	50.5	Ø202.4	9.0
Viginox 75	1 1/2"	212.4	89.7	290.2	259.2	50.5	Ø202.4	11.0
Viginox 110	2"	212.4	89.7	326.7	294.7	50.5	Ø202.4	18.0



\*Service kits are available on request