

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 4m.

Equipment

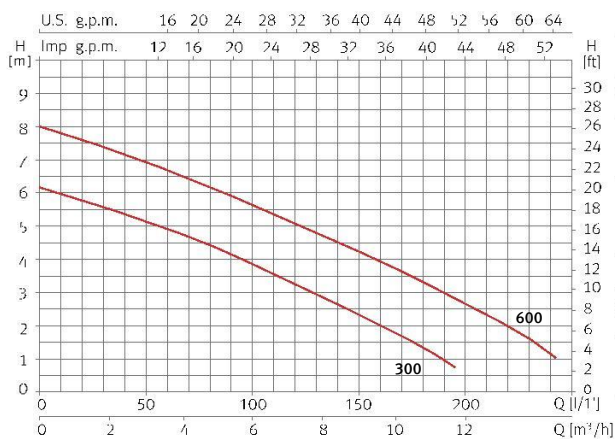
Float switch and 10m of cable with plug type F.
Internal capacitor.



Features 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

