



General catalogue

YOU CAN FIND US IN THE BEST DIY STORES OF THE WORLD



Water is one of the most precious elements known to man. We use it to irrigate, wash and consume. We continuously transfer it between locations for use or recycling. It is necessary to pump water from wells or Expansion Tanks, to drain flooded areas where water has seeped, to dry a work yard or even to circulate stagnant water. In all cases, the need to transfer water for its usage requires the most practical and affordable means pumps.

FLOTEC offers a wide range of pumps and specific ACCESSORIES designed to satisfy all possible needs. Flotec pumps are manufactured by qualified technicians according to state-of-the-art engineering criteria with the guarantee of maximum quality. Flotec pumps are reliable and easy to install for usage. Flotec helps you to find a pump that best suits your needs. Our Flotec packaging is realized in four colors and each color is linked to the kind of application the product is addressed to.

OUR PLANT IS **100% GREEN**



Thanks to the creation of a sophisticated photovoltaic system located on the roof of the building, the Pentair Water plant in Pisa has become the first plant able to produce 100% of the energy needed for productive activities.

4100 solar panels that generate up to 1,280,000 kWh each year have been installed on a surface of 11,000 m².

One of the greatest advantages includes a reduction of CO₂ emissions equal to 6335.5 Kg.

Our customers are assured that the products coming from the Pentair Water plant in Pisa are completely made by using renewable energy.



DRAINAGE CLEAR WATER

Flotec submersible pumps for clear water have been designed to drain standing water and domestic waste water, empty and dry flooded rooms, and draw water from wells, basins or cisterns.

Models with a floating switch can even run automatically. The wide range of models enables every user to find the pump that best suits his needs.

(See Application Guide at page 4-5)



COMPAC



COMPAC pumps are submersible pumps for clear water, equipped with an asynchronous single-phase motor and with a stainless steel motor shaft (anti-corrosion). The integrated check valve placed on the discharge prevents water from flowing back to the pump.

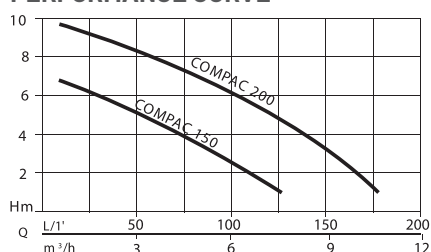


S.O.S. Flood kit is an emergency kit composed of a compac 200, portable plastic filter box, 12.5m sturdy, durable draining pipe and by a plastic hose connection kit. The Flood box helps people who are affected by flood water to react quickly and efficiently.



- The pump works in manual and automatic mode
- Integrated vertical floating switch
- Minimum draining level 2mm with manual mode

PERFORMANCE CURVE



	COMPAC 150	COMPAC 200	S.O.S FLOOD KIT
CODE	N1080030	N1080040	N1080120
GTIN CODE	8010583317176	8010583317183	7630014503582
ABSORBED POWER	300 W	650 W	650 W
MAX. HEAD / PRESSURE	7 m / 0.7 bar	10 m / 1.0 bar	10 m / 1.0 bar
MAX. FLOW RATE	8500 l/h	11500 l/h	11500 l/h
VOLTAGE / FREQUENCY	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
RATED CURRENT	1.35 A	2.9 A	2.9 A
PUMP BODY	Polypropylene	Polypropylene	Polypropylene
MAX. TEMPERATURE OF PUMPED FLUID	40 °C	40 °C	40 °C
MAX DEPTH OF IMMERSION	7 m	7 m	7 m
MAX. SIZE OF IMPURITIES	5 mm	5 mm	5 mm
MINIMUM DRAINING LEVEL	2 mm (man.) 30 mm (auto.)	2 mm (man.) 30 mm (auto.)	2 mm (man.) 30 mm (auto.)
POWER CABLE	10 m H07 RN8-F	10 m H07 RN8-F	10 m H07 RN8-F
PUMP OUTLET	41.90 mm (1 1/4 M)	41.90 mm (1 1/4 M)	41.90 mm (1 1/4 M)
START / STOP LEVEL	140mm /30mm	140mm /30mm	140mm /30mm
ACCESSORIES INCLUDED	Adjustable connector for threaded hoses Ø 25 and 32 mm Check valve	Adjustable connector for threaded hoses Ø 25 and 32 mm Check valve	Adjustable connector for threaded hoses Ø 25 and 32 mm. Check valve

CLEAROX RANGE



Clearox are submersible pumps for clear water drainage, equipped with float switch for automatic operation and with ergonomic handle for a secure grip and an easy portability.

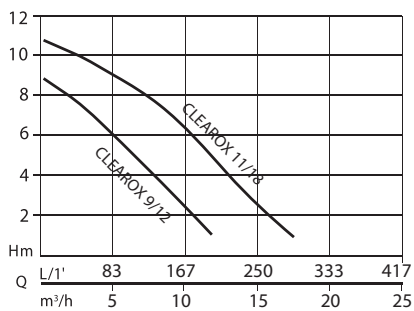


Thanks to cooling jacket the pump can work in both immersed and submerged conditions. The flat suction device allows to drain water down to 2mm.



- Draining level up to 2 mm in manual mode thanks to suction device
- Manual and automatic operation

PERFORMANCE CURVE



	CLEAROX 11/18	CLEAROX 9/12
CODE	N1080150	N1080140
GTIN CODE	7630046619152	7630046619145
ABSORBED POWER	1100 W	700 W
MAX. HEAD / PRESSURE	11 m / 1.1 bar	9 m / 0.9 bar
MAX. FLOW RATE	18000 l/h	12000 l/h
VOLTAGE / FREQUENCY	230 V / 50 Hz	230 V / 50 Hz
RATED CURRENT	2.9 A	-
PUMP BODY	Stainless steel	Stainless steel
MAX. TEMPERATURE OF PUMPED FLUID	35 °C	35 °C
MAX DEPTH OF IMMERSION	7 m	7 m
MAX. SIZE OF IMPURITIES	10 mm	10 mm
MINIMUM DRAINING LEVEL	2 mm	2 mm
POWER CABLE	10 m H07 RN8-F	10 m H07 RN8-F
PUMP OUTLET	41.90 mm (1 1/4 F)	41.90 mm (1 1/4 F)
START / STOP LEVEL	510 mm / 175 mm	510 mm / 175 mm
ACCESSORIES INCLUDED	Flat Suction device	Flat Suction device

VIP RANGE



The submersible pumps of the VIP range are suitable for pumping clear water with impurities up to 6mm size.

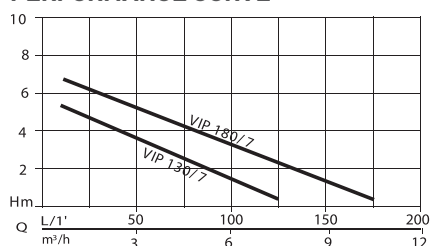


They have ceramic reinforcing elements on the shaft that guarantees a longer life and enables them to be used in continuous mode.



- **Continuous duty**
- **Automatic operation thanks to the float switch**

PERFORMANCE CURVE



	VIP 130/6 AUTO	VIP 180/7 AUTO
CODE	N1041100	N1041120
GTIN CODE	8010583126044	8010583126068
ABSORBED POWER	320 W	370 W
MAX. HEAD / PRESSURE	6 m / 0.6 bar	7 m / 0.7 bar
MAX. FLOW RATE	7800 l/h	10800 l/h
VOLTAGE / FREQUENCY	230 V / 50 Hz	230 V / 50 Hz
RATED CURRENT	1.3 A	1.6 A
PUMP BODY	Polypropylene	Polypropylene
MAX. TEMPERATURE OF PUMPED FLUID	40 °C	40 °C
MAX DEPTH OF IMMERSION	7 m	7 m
MAX. SIZE OF IMPURITIES	6 mm	6 mm
MINIMUM DRAINING LEVEL	20 mm (man.)	20 mm (man.)
POWER CABLE	10 m H07 RN8-F	10 m H07 RN8-F
PUMP OUTLET	41.90 mm (1 1/4 M)	41.90 mm (1 1/4 M)
START / STOP LEVEL	330 mm/150 mm	330 mm/150 mm
ACCESSORIES INCLUDED	Adjustable connector Ø15, 19 and 25 mm hoses	Adjustable connector Ø15, 19 and 25 mm hoses

DRAINAGE WASTE WATER

Flotec submersible pumps for waste water are an essential requirement when it is necessary to transfer water containing suspended solid with a maximum diameter of 40 mm.

Therefore, they are particularly suitable to drain cesspools, remove flood water and transfer sewage from sump. It is sufficient to choose the article that best suits your actual needs, from the practical plastic model with limited dimensions to the more professional steel version if usage requires more resistant material.

(See Application Guide at page 4-5)



FP-VIP VORT RANGE



FP and VIPVORT pumps are suitable for pumping waste water with impurities up to 25 mm size (according to the model). They are equipped with stainless steel motor shaft



VIPVORT pumps have reinforcing elements in ceramic fitted on the drive motor to allow the pump to be used in continuous mode.

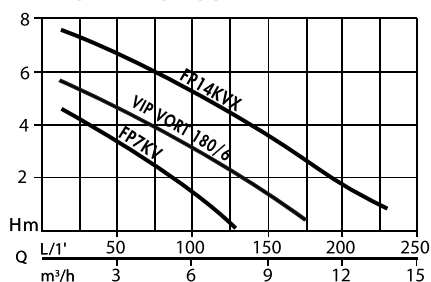


- **Continuous duty**
- **Automatic work thanks to the float switch**

FP14KVX:

- **stainless steel pump body anti corrosion**

PERFORMANCE CURVE



	FP7KV	FP14KVX	VIP VORT 180/6 AUTO
CODE	N2101130	N2101140	N2101090
GTIN CODE	8010583529043	8010583529050	8010583126082
ABSORBED POWER	300 W	600 W	480 W
MAX. HEAD / PRESSURE	5 m / 0,5 bar	8 m / 0.8 bar	6 m / 0.6 bar
MAX. FLOW RATE	7800 l/h	14400 l/h	10800 l/h
VOLTAGE / FREQUENCY	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
RATED CURRENT	1.6 A	2.5 A	2.1 A
PUMP BODY	Polypropylene	Stainless steel	Polypropylene
MAX. TEMPERATURE OF PUMPED FLUID	35 °C	35 °C	40 °C
IMPELLER	Noryl	Reinforced fiberglass	Noryl
MAX DEPTH OF IMMERSION	7 m	7 m	7 m
MAX. SIZE OF IMPURITIES	25 mm	22 mm	25 mm
MINIMUM DRAINING LEVEL	25 mm	36.5 mm (man.)	30 mm (man.)
POWER CABLE	10 m H05 RNF	10 m H05 RNF	10 m H07 RN8-F
PUMP OUTLET	41.90 mm (1 1/4 M)	41.90 mm (1 1/4 M)	41.90 mm (1 1/4 M)
START / STOP LEVEL	330 mm/150 mm	370 mm/190 mm	370 mm/150 mm
ACCESSORIES INCLUDED	Adjustable connector Ø 32mm	Adjustable connector Ø 32mm	Adjustable connector Ø 25mm and 32mm

MAXIVORT



Submersible pump for waste water and drainage applications. MAXIVORT 50-36/14 has been especially designed for very demanding heavy duty applications. It is ideal for drainage of cesspools, flood water removal and sewage transfer from sump.

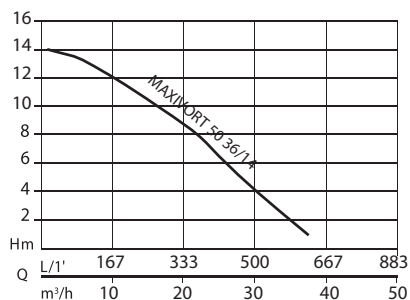


The 50 mm free passage allows reliable handling of solids without risk of blocking.



- **High quality mechanical seal assures long life**
- **50mm Free passage**
- **Stainless steel pump body**
- **Excellent motor protection**
- **Wear resistant shaft and impeller**

PERFORMANCE CURVE



MAXIVORT 50 36/14	
CODE	N2091230
GTIN CODE	7630046619169
ABSORBED POWER	2200 W
MAX. HEAD / PRESSURE	14 m / 1.4 bar
MAX. FLOW RATE	36000 l/h
VOLTAGE / FREQUENCY	230 V / 50 Hz
RATED CURRENT	7.2 A
PUMP BODY	Stainless steel
MAX. TEMPERATURE OF PUMPED FLUID	35 °C
IMPELLER	Die-cast and STAINLESS steel
MAX DEPTH OF IMMERSION	7 m
MAX. SIZE OF IMPURITIES	50 mm
MINIMUM DRAINING LEVEL	66 mm
POWER CABLE	10 m H07 RN8-F
PUMP OUTLET	59.61 mm (2" M)
START / STOP LEVEL	614mm/238mm
ACCESSORIES INCLUDED	Adjustable connector for hoses Ø 25 and 32mm

BIOX RANGE



BIOX pumps are particularly suitable for all lifting and emptying operations of dirty water with suspended solids, for handling of dirty discharge water (toilets), for emptying of wells and for the emptying of infiltrated water.

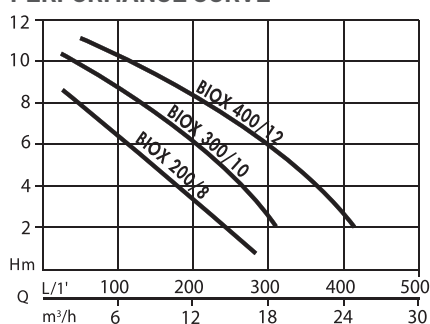


BIOX pumps have a V-RING gasket to protect the seal from sand and a thermal protection build in motor winding.









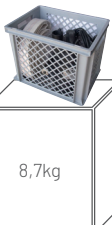


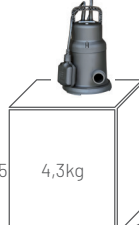



- **Continuous duty**
- **Completely in stainless steel**
- **Self-cleaning Vortex impeller design**
- **Automatic airventing**
- **Free passage 40 mm**

PERFORMANCE CURVE



	BIOX 200/8 AUTO	BIOX 300/10 AUTO	BIOX 400/12 AUTO
CODE	N2091020	N2091040	N2091060
GTIN CODE	8010583101706	8010583101720	8010583101744
ABSORBED POWER	900 W	1300 W	1600 W
MAX. HEAD / PRESSURE	9 m / 0.9 bar	11 m / 1.1 bar	12 m / 1.2 bar
MAX. FLOW RATE	17000 l/h	21000 l/h	27000 l/h
VOLTAGE / FREQUENCY	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
RATED CURRENT	4.1 A	5.8 A	7.2 A
PUMP BODY	Stainless steel	Stainless steel	Stainless steel
MAX. TEMPERATURE OF PUMPED FLUID	40 °C	40 °C	40 °C
IMPELLER	Die-cast and STAINLESS steel	Die-cast and STAINLESS steel	Die-cast and STAINLESS steel
MAX DEPTH OF IMMERSION	7 m	7 m	7 m
MAX. SIZE OF IMPURITIES	40 mm	40 mm	40 mm
MINIMUM DRAINING LEVEL	45 mm (man.)	45 mm (man.)	45 mm (man.)
POWER CABLE	10 m H07 RN8-F	10 m H07 RN8-F	10 m H07 RN8-F
PUMP OUTLET	47.8 mm (1 1/2" M)	59.61 mm (2" M)	59.61 mm (2" M)
START / STOP LEVEL	370 mm/250 mm	400 mm/300 mm	400 mm/300 mm
ACCESSORIES INCLUDED	Nipple 1 1/2"-1 1/4". Adjustable connect. for hoses Ø32, 40mm	Nipple 1 1/2"-1 1/4". Adjustable connect. for hoses Ø32, 50mm	Nipple 1 1/2"-1 1/4". Adjustable connect. for hoses Ø32, 50mm

PACKAGING DIMENSIONS AND WEIGHTS

	 57 18,5 kg 58,2 33,6	 44 9,3kg 23 19	 44 11kg 23 19	 44 11,5kg 23 19	
Pallet Qty	36	40	40	40	
	FP7KV	VIP VORT 180/6			
	 32,5 4,1kg 21,5 18,5	 32,5 4,2kg 20 18			
Pallet Qty	120	60			
	S.O.S FLOOD KIT	COMPAC 150	COMPAC 200	VIP 130/6 AUTO	VIP 130/7 AUTO
	 33 8,7kg 39,5 29,7	 29 5kg 23 19,5	 29 5,6kg 23 19,5	 32,5 4,3kg 20 18	 32,5 4,2kg 20 18
Pallet Qty	24	60	60	60	60
	CLEAROX 9/12	CLEAROX 11/18			
	 36 5,8 kg 24,7 20,5	 36 6,8 Kg 24,7 20,5			
Pallet Qty	75	75			



PENTAIR WATER ITALY S.R.L.
VIA MASACCIO 13 | 56010 LUGNANO DI VICOPISANO | PISA - ITALIA

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