

TOP MULTI-EVO

Submersible multi-stage pumps

 Clean water

 Domestic use

 Civil use



TOP MULTI 1-EVO



TOP MULTI 2-EVO
TOP MULTI 3-EVO

PERFORMANCE RANGE

- Flow rate up to **120 l/min** (7.2 m³/h)
- Head up to **42 m**

APPLICATION LIMITS

- Immersion depth:
 - up to **3 m** for TOP MULTI 1-EVO
 - up to **10 m** for TOP MULTI 2-3 EVO (with a sufficiently long power cable)
- Maximum liquid temperature **+40 °C**
- Suction level:
 - **25 mm** above ground level for TOP MULTI 1-EVO
 - **35 mm** above ground level for TOP MULTI 2-3 EVO
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

Complete with:

- **10 m** long power cable
- float switch
- hose connector Ø 35 mm
- complete connector with flap-check valve

EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3



CERTIFICATIONS

Company with management system certified DNV
ISO 9001: QUALITY



PATENTS - TRADE MARKS - MODELS

- TOP MULTI® Registered Trade Mark n. 0001334477

INSTALLATION AND USE

TOP MULTI-EVO pumps are recommended for pumping **clean water** and liquids that are not chemically aggressive for the materials from which the pump is made. Because of their high efficiency and reliability they are suitable for use in applications such as domestic water supply from reservoirs, tanks or relatively deep wells, for drawing rain water from cisterns to water gardens or for use in irrigation systems, etc.

OPTIONS AVAILABLE ON REQUEST

- Pumps without float switch
- Other voltages or 60 Hz frequency
- **KGE - Floating suction kit**



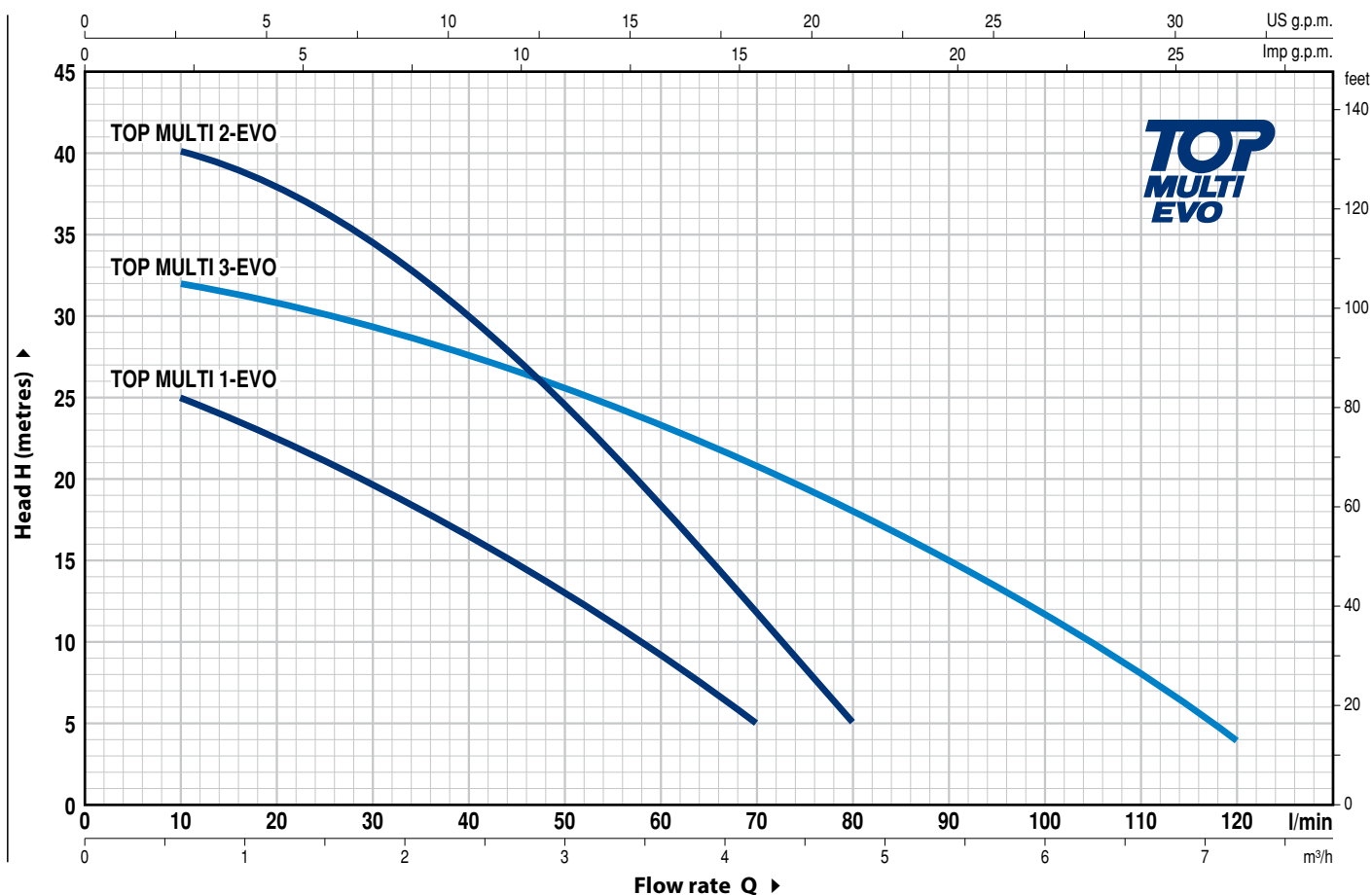
Kit includes:

- 1.5 metre long PVC hose (Ø 30 mm)
- stainless steel suction filter
- polyethylene spherical float
- flexible hose fittings Ø 30 mm

TOP MULTI-EVO with KGE kit for aspiration at about 10 cm below the water surface, preventing the suction of any floating waste or sediment on the bottom of the tank thus avoiding any damage to the pump.

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 min⁻¹

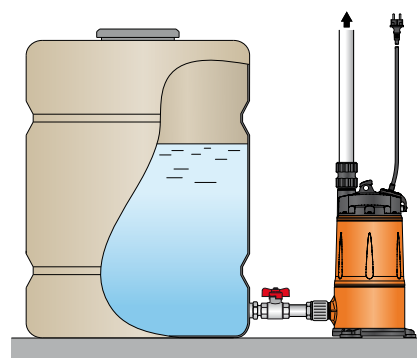
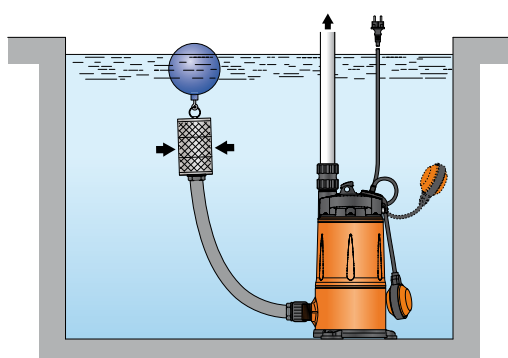


MODEL Single-phase	POWER (P ₂)		Q															
	kW	HP		m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	
				l/min	0	10	20	30	40	50	60	70	80	90	100	110	120	
TOP MULTI 1-EVO	0.37	0.50	H metres		27	25	22.5	19.5	16.5	13	9	5						
TOP MULTI 2-EVO	0.55	0.75			42	40	38	34	30	24	18	11.5	5					
TOP MULTI 3-EVO	0.55	0.75			33	32	31	29.5	28	25.5	23	20.5	18	15	12	8	4	

Q = Flow rate H = Total manometric head

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

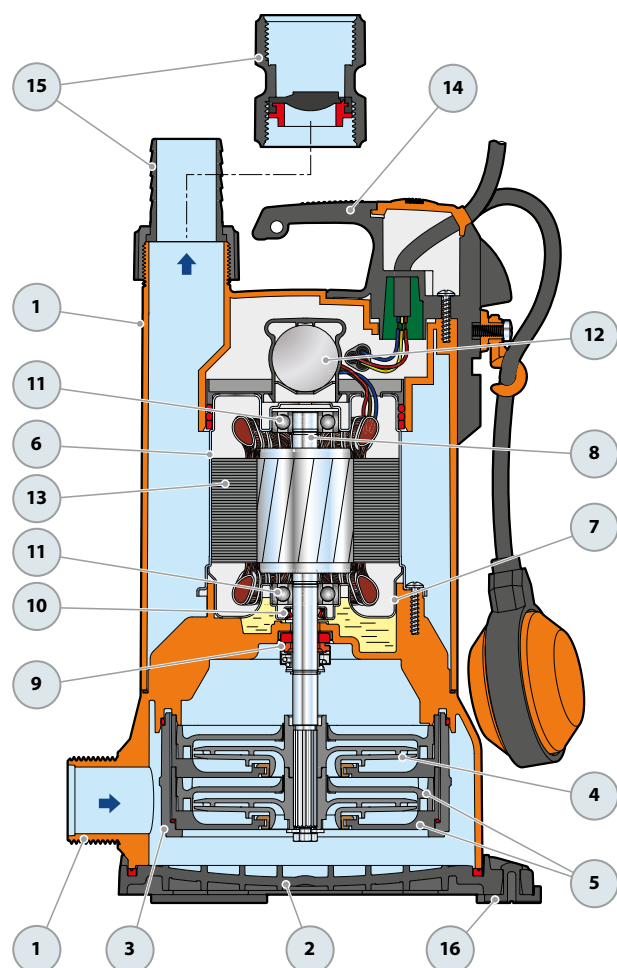
STANDARD INSTALLATION



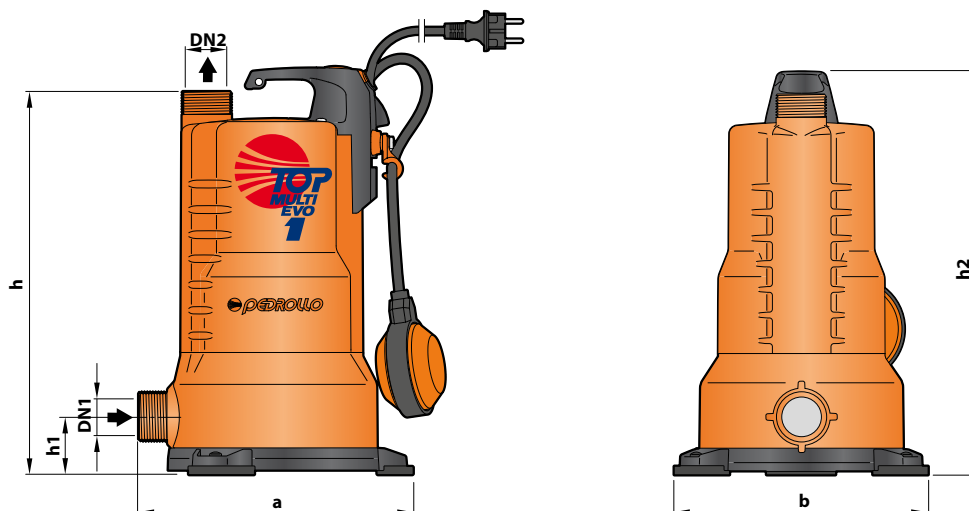
TOP MULTI 1-EVO

POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
1	SUCTION BODY AND DELIVERY BODY	Glass fibre reinforced technopolymer complete with threaded delivery ports in compliance with ISO 228/1
2	BASE	Glass fibre reinforced technopolymer
3	STAGE CASING	Glass fibre reinforced technopolymer
4	IMPELLERS	Noryl FE1520PW
5	DIFFUSER AND STAGE BOXES	Noryl FE1520PW complete with anti-wear ring
6	MOTOR CASING	Stainless steel AISI 304
7	MOTOR CASING PLATE	Stainless steel AISI 304
8	MOTOR SHAFT	Stainless steel AISI 431
9	SHAFT WITH DOUBLE SEAL AND OIL CHAMBER	
	Seal	Shaft
	Model	Diameter
	STA-12R	Ø 12 mm
		Stationary ring
		Ceramic
		Rotational ring
		Graphite
		Elastomer
		NBR
		Metals
		AISI 304
10	LIP SEAL	Ø 12 x Ø 19 x H 5 mm
11	BEARINGS	6201 ZZ - C3E / 6201 ZZ - C3E
12	CAPACITOR	
	Capacitance	
	(230 V or 240 V)	(110 V)
	10 µF 450 VL	10 µF 250 VL
13	ELECTRIC MOTOR	
	TOP MULTI 1-EVO: single-phase 230 V - 50 Hz with thermal overload protector incorporated into the winding.	
	– Insulation: class F	
	– Protection: IP X8	
14	HANDLE ASSEMBLY (resin sealed)	
	Complete with:	
	– 10 metres long "H07 RN-F" power cable with Schuko plug	
	– Float switch	
15	HOSE CONNECTOR WITH RING NUT	
	Ø 35 mm hose connection	
	PIPE COUPLING	
	Threaded 1¼" in compliance with ISO 228/1, complete with flap-check valve	
	(Included in the equipment)	
16	ANTI-VIBRATION FEET	

The diagram is a detailed cross-sectional view of the pump assembly. It shows the internal components from the suction body at the top to the anti-vibration feet at the bottom. Key features include the motor casing, impeller, shaft with seals, and various housing components. Numbered callouts (1-16) point to specific parts: 1. Suction body, 2. Base, 3. Stage casing, 4. Impellers, 5. Diffuser and stage boxes, 6. Motor casing, 7. Motor casing plate, 8. Motor shaft, 9. Shaft with double seal and oil chamber, 10. Lip seal, 11. Bearings, 12. Capacitor, 13. Electric motor, 14. Handle assembly, 15. Hose connector with ring nut, 16. Anti-vibration feet.



DIMENSIONS AND WEIGHT



MODEL			N. STAGES	DIMENSIONS mm					kg
	Single-phase			a	b	h	h1	h2	
		DN1	DN2						
TOP MULTI 1-EVO		1¼"	1¼"	227	210	317	49	337	7.1

ABSORPTION

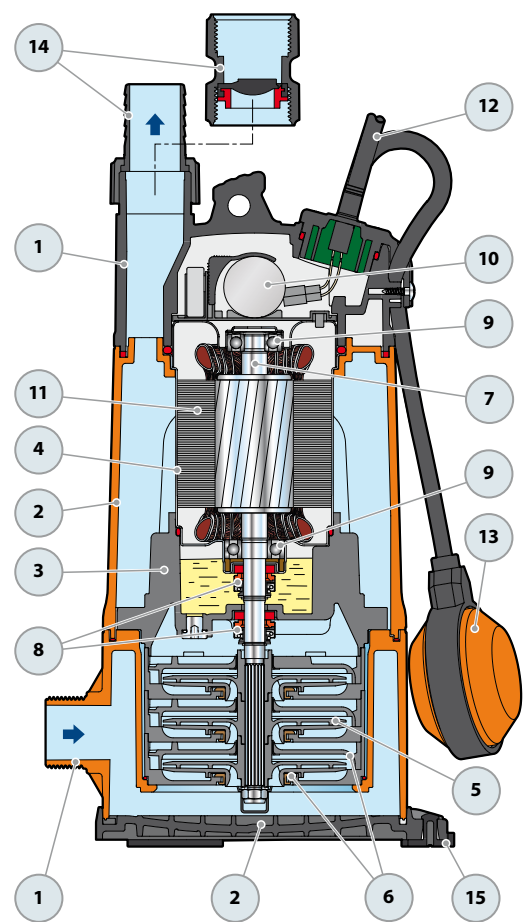
MODEL	VOLTAGE		
	Single-phase		
		230 V	240 V
			110 V
TOP MULTI 1-EVO		2.0 A	1.9 A
			4.0 A

PALLETIZATION

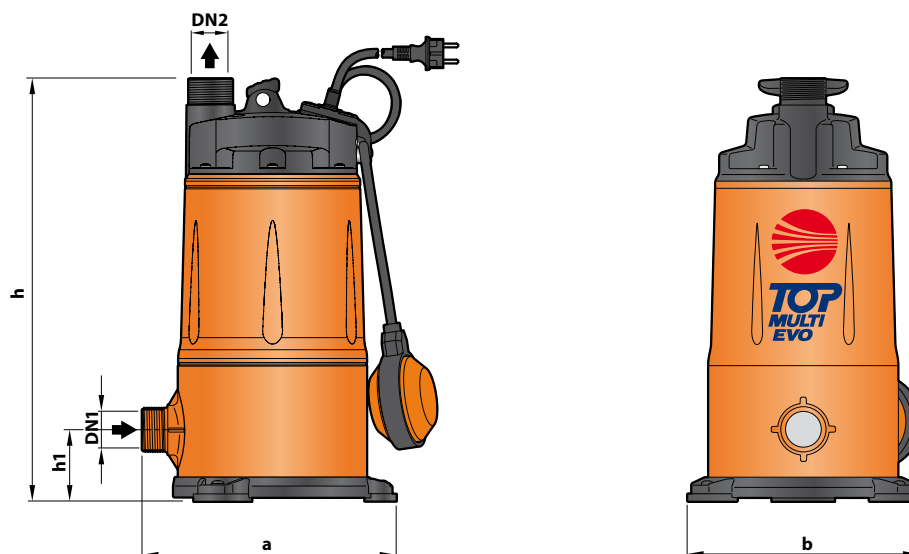
MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
TOP MULTI 1-EVO	45	60

TOP MULTI 2-3 EVO

POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS				
1	SUCTION BODY AND DELIVERY BODY	Glass fibre reinforced technopolymer complete with threaded delivery ports in compliance with ISO 228/1				
2	PUMP BODY AND BASE	Glass fibre reinforced technopolymer				
3	DIFFUSER	Glass fibre reinforced technopolymer				
4	MOTOR SLEEVE	Stainless steel AISI 304				
5	IMPELLERS	Noryl FE1520PW				
6	DIFFUSER AND STAGE BOXES	Noryl complete with anti-wear ring				
7	MOTOR SHAFT	Stainless steel AISI 431				
8	TWO MECHANICAL SEALS SEPARATED BY AN OIL CHAMBER					
	Seal	Shaft	Position	Materials		
	Model	Diameter		Stationary ring	Rotational ring	Elastomer
	STA-13R	Ø 13 mm	Motor side	Ceramic	Graphite	NBR
	STA-12R SG	Ø 12 mm	Pump side	Silicon carbide	Graphite	NBR
9	BEARINGS	6202 ZZ - C3 / 6201 ZZ				
10	CAPACITOR					
	Capacitance					
	(230 V or 240 V)	(110 V)				
	12.5 µF 450 VL	30 µF 250 VL				
11	ELECTRIC MOTOR					
	TOP MULTI-EVO: single-phase 230 V - 50 Hz with thermal overload protector incorporated into the winding.					
	– Insulation: class F					
	– Protection: IP X8					
12	POWER CABLE					
	"H07 RN-F" with Schuko plug					
	Standard length 10 metres					
13	FLOAT SWITCH					
14	HOSE CONNECTOR WITH RING NUT					
	Ø 35 mm hose connection					
	PIPE COUPLING					
	Threaded 1¼" in compliance with ISO 228/1, complete with flap-check valve					
	(Included in the equipment)					
15	ANTI-VIBRATION SUPPORTS					



DIMENSIONS AND WEIGHT



MODEL			N. STAGES	DIMENSIONS mm				kg
Single-phase	DN1	DN2		a	b	h	h1	
TOP MULTI 2-EVO	1 1/4"	1 1/4"	3	239	216	394	68	9.8
TOP MULTI 3-EVO								9.9

ABSORPTION

MODEL	VOLTAGE		
Single-phase	230 V	240 V	110V
TOP MULTI 2-EVO	3.4 A	3.3 A	6.8 A
TOP MULTI 3-EVO	3.6 A	3.4 A	7.2 A

PALLETIZATION

MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
TOP MULTI 2-EVO	45	60
TOP MULTI 3-EVO	45	60