

TOP MULTI

Submersible multi-stage pumps

-  Clean water
-  Domestic use
-  Civil use



TOP MULTI 1



TOP MULTI 2
TOP MULTI 3

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



INSTALLATION AND USE

TOP MULTI® 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.

PATENTS - TRADE MARKS - MODELS

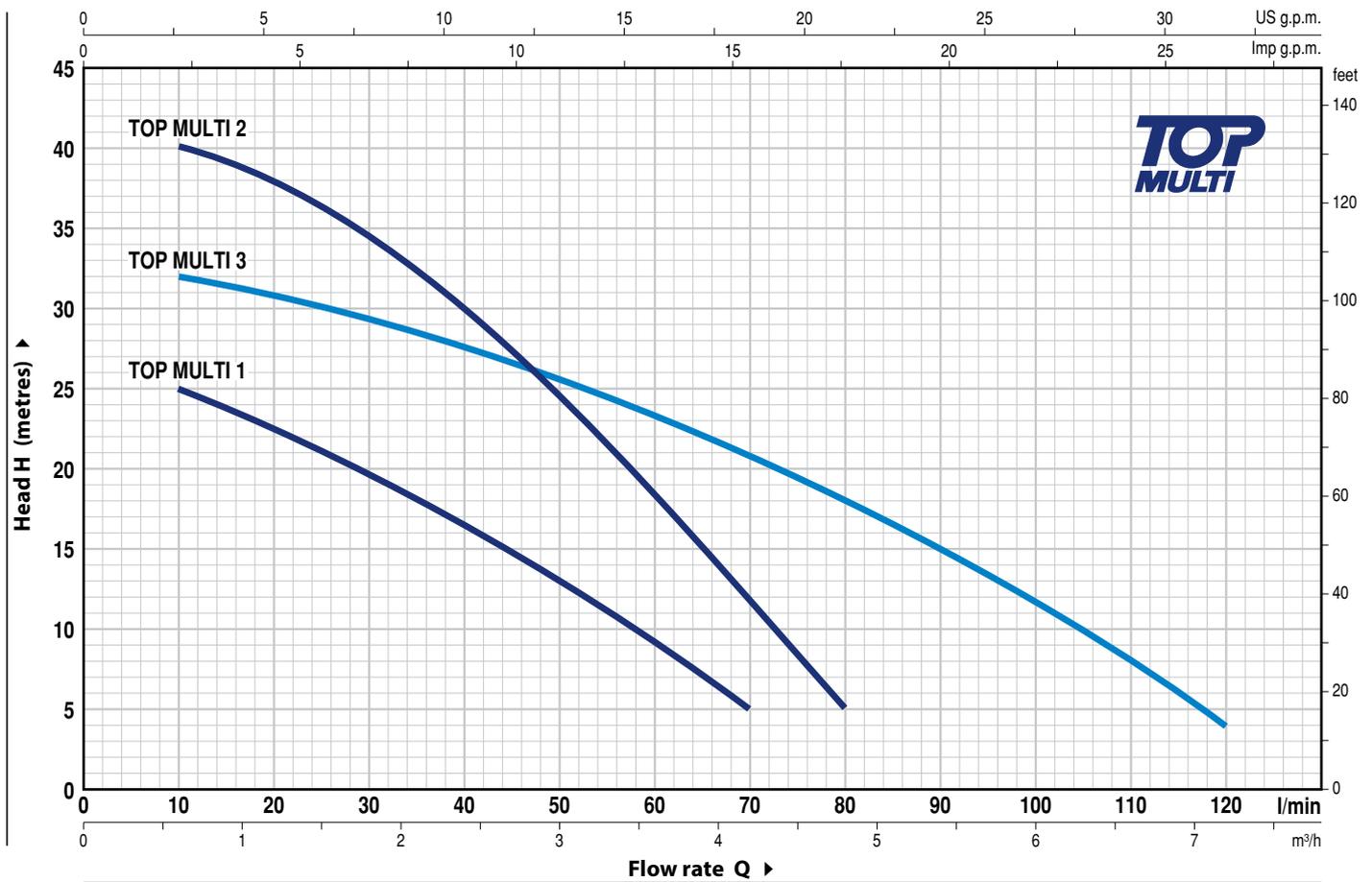
- Registered EU Design n. 000885587 for TOP MULTI 2-3
- TOP MULTI® Registered Trade Mark n. 0001334477

OPTIONS AVAILABLE ON REQUEST

- Pumps without float switch
- Other voltages or 60 Hz frequency

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 min⁻¹



MODEL Single-phase	POWER (P ₂)		Q	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
	kW	HP		0	10	20	30	40	50	60	70	80	90	100	110	120
TOP MULTI 1	0.37	0.50	H metres	27	25	22.5	19.5	16.5	13	9	5					
TOP MULTI 2	0.55	0.75		42	40	38	34	30	24	18	11.5	5				
TOP MULTI 3	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.

TOP MULTI 1

POS. COMPONENT

CONSTRUCTION CHARACTERISTICS

1	PUMP BODY	Glass fibre reinforced technopolymer complete with threaded delivery port in compliance with ISO 228/1
2	SUCTION FILTER	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	VANE DIFFUSER	Glass fibre reinforced technopolymer
7	MOTOR CASING	Stainless steel AISI 304
8	MOTOR CASING PLATE	Stainless steel AISI 304
9	MOTOR SHAFT	Stainless steel AISI 431

10 SHAFT WITH DOUBLE SEAL AND OIL CHAMBER

Seal Model	Shaft Diameter	Materials			
		Stationary ring	Rotational ring	Elastomer	Metals
STA-12R	Ø 12 mm	Ceramic	Graphite	NBR	AISI 304

11 **LIP SEAL** **Ø 12 x Ø 19 x H 5 mm**

12 **BEARINGS** **6201 ZZ - C3E / 6201 ZZ - C3E**

13 CAPACITOR

Capacitance (230 V or 240 V)	(110 V)
10 µF 450 VL	16 µF 250 VL

14 ELECTRIC MOTOR

TOP MULTI 1: single-phase 230 V - 50 Hz with thermal overload protector incorporated into the winding.

- Insulation: class F
- Protection: IP X8

15 HANDLE ASSEMBLY (resin sealed)

- Complete with:
- **10 metres** long "H07 RN-F" power cable with Schuko plug
 - Float switch

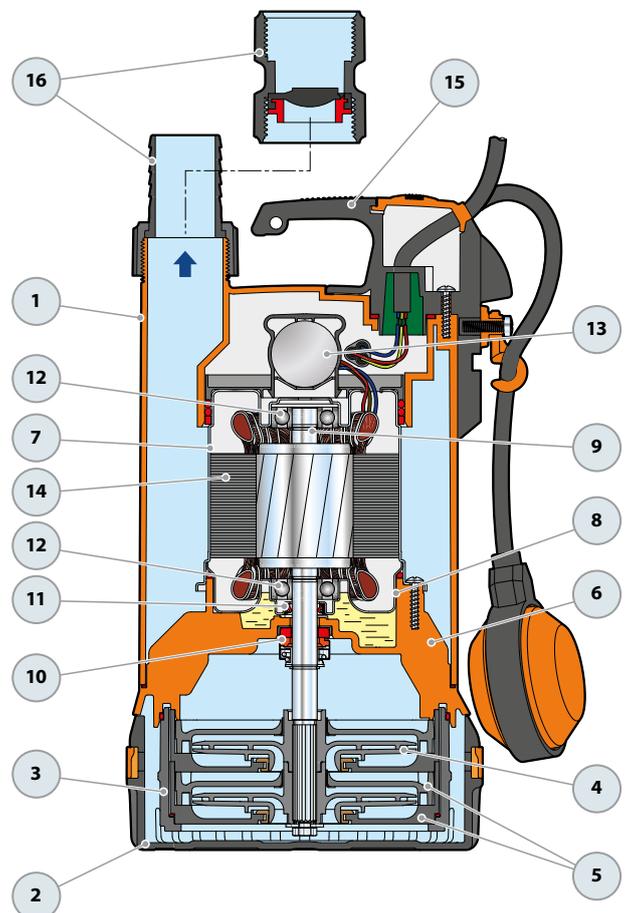
16 HOSE CONNECTOR WITH RING NUT

Ø 35 mm hose connection

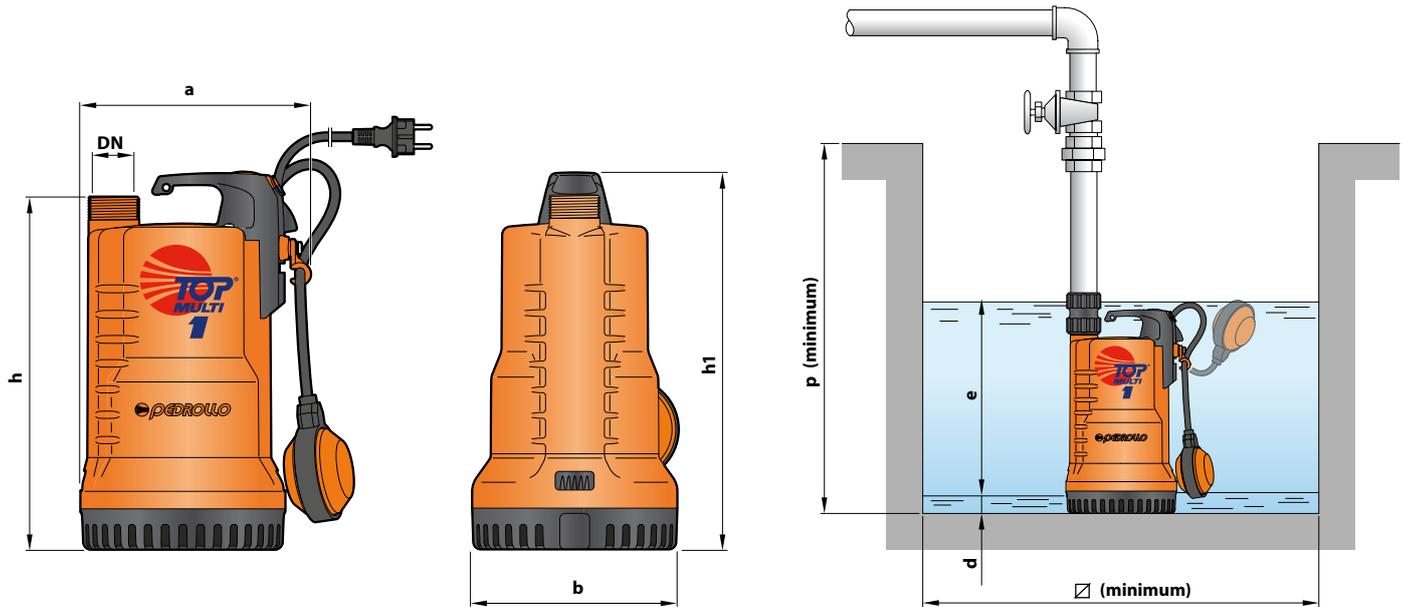
PIPE COUPLING

Threaded 1¼" in compliance with ISO 228/1, complete with flap-check valve

(Included in the equipment)



DIMENSIONS AND WEIGHT



MODEL	PORT DN	N. STAGES	DIMENSIONS mm								kg	
			a	b	h	h1	d	e	p	∅		
Single-phase	DN											
TOP MULTI 1	1¼"	2	192	170	295	315	25	variable	350	350	6.8	

ABSORPTION

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

PALLETIZATION

MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
TOP MULTI 1	60	100

TOP MULTI 2-3

POS. COMPONENT CONSTRUCTION CHARACTERISTICS

1	DELIVERY BODY	Glass fibre reinforced technopolymer complete with threaded delivery port in compliance with ISO 228/1
2	PUMP BODY AND SUCTION FILTER	Glass fibre reinforced technopolymer
3	DIFFUSER	Glass fibre reinforced technopolymer
4	MOTOR SLEEVE AND MOTOR CASING PLATE	Stainless steel AISI 304
5	IMPELLERS	Noryl FE1520PW
6	DIFFUSERS	Noryl complete with anti-wear ring
7	MOTOR SHAFT	Stainless steel AISI 431

8 TWO MECHANICAL SEALS SEPARATED BY AN OIL CHAMBER

Seal Model	Shaft Diameter	Position	Materials		
			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: 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

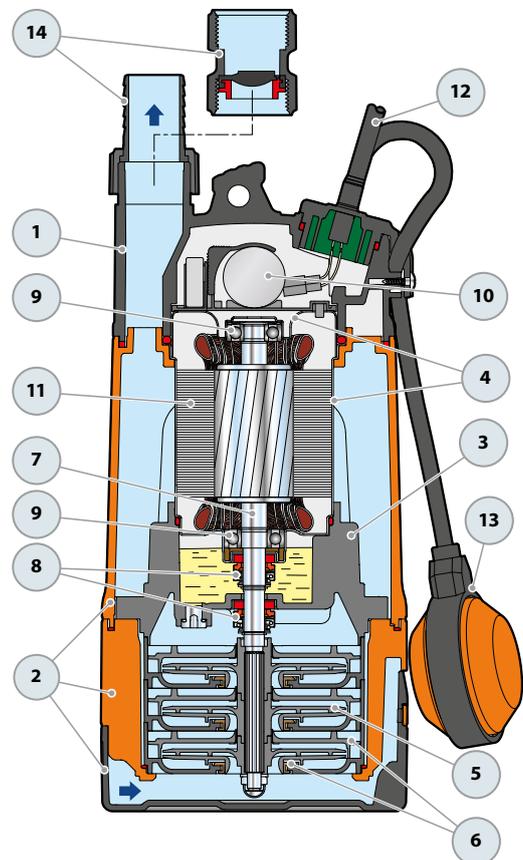
14 HOSE CONNECTOR WITH RING NUT

Ø 35 mm hose connection

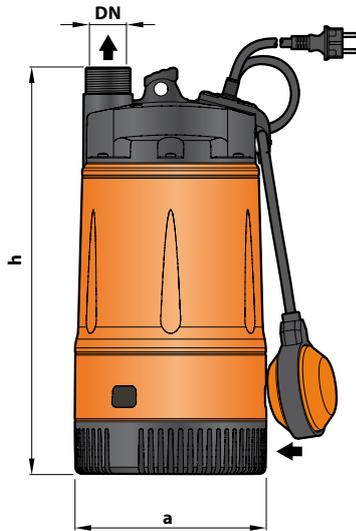
PIPE COUPLING

Threaded 1¼" in compliance with ISO 228/1, complete with flap-check valve

(Included in the equipment)



DIMENSIONS AND WEIGHT



Standard installation



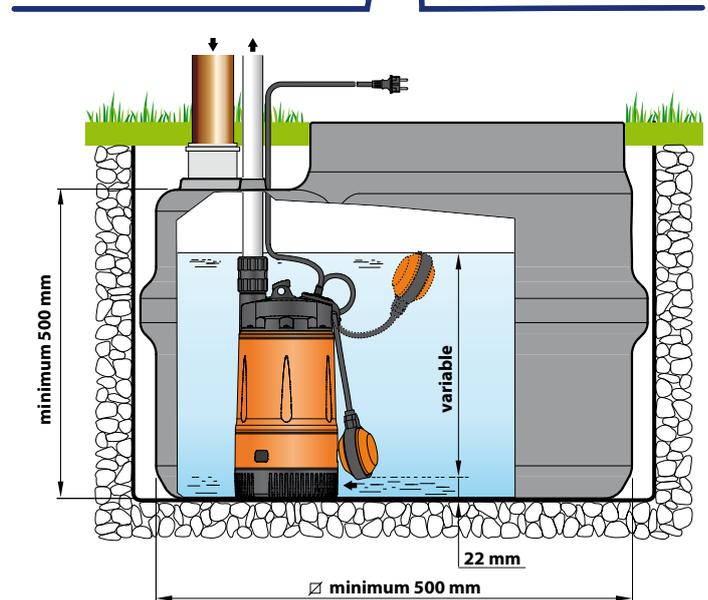
MODEL	PORT	N. STAGES	DIMENSIONS mm		kg
			a	h	
Single-phase	DN				
TOP MULTI 2	1 1/4"	3	178	380	9.2
TOP MULTI 3					9.3

ABSORPTION

MODEL	VOLTAGE		
	Single-phase	230 V	240 V
TOP MULTI 2	3.4 A	3.3 A	6.6 A
TOP MULTI 3	3.6 A	3.5 A	7.2 A

PALLETIZATION

MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
TOP MULTI 2	60	80
TOP MULTI 3	60	80



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**



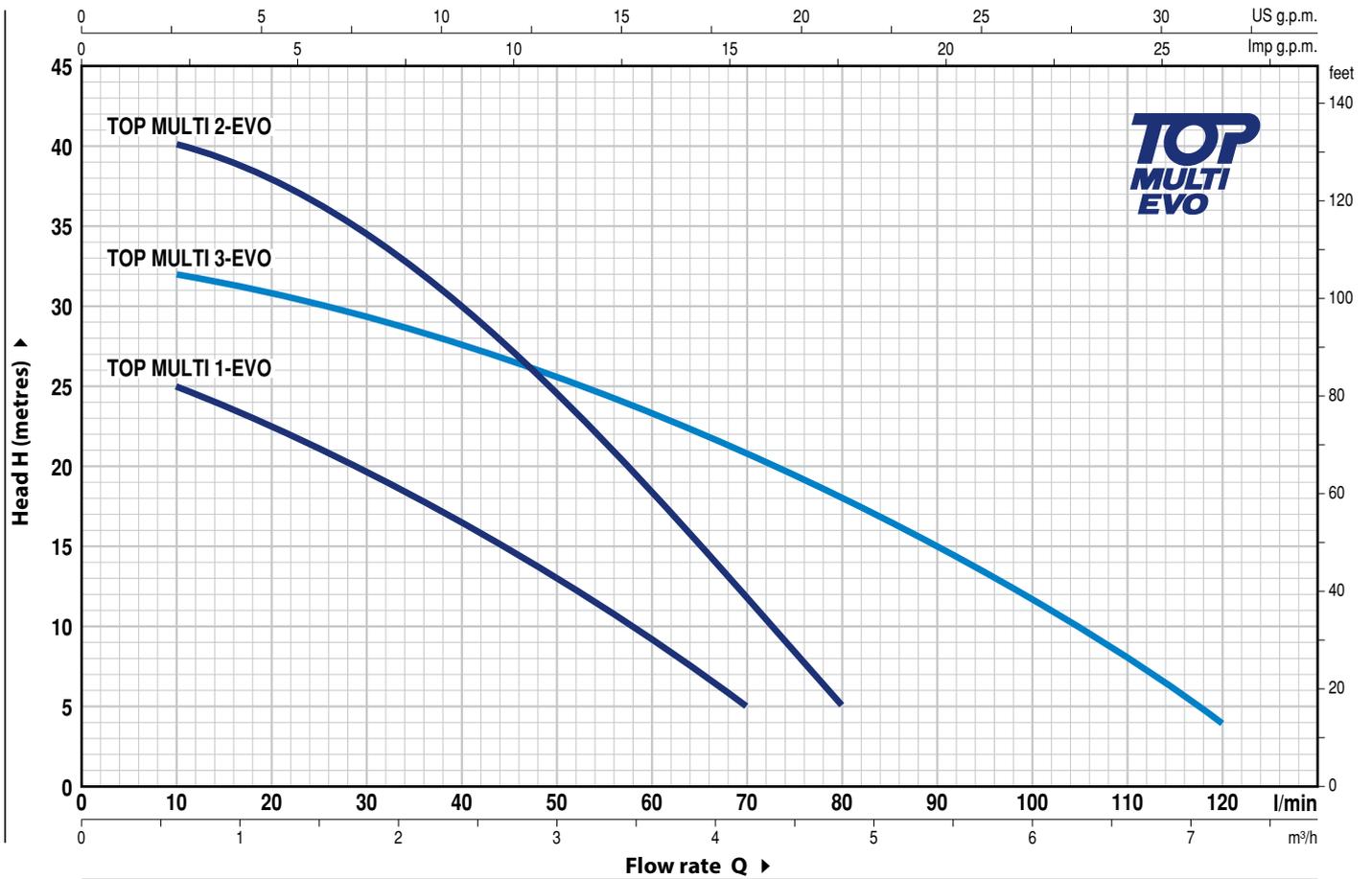
Kit includes:

- 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

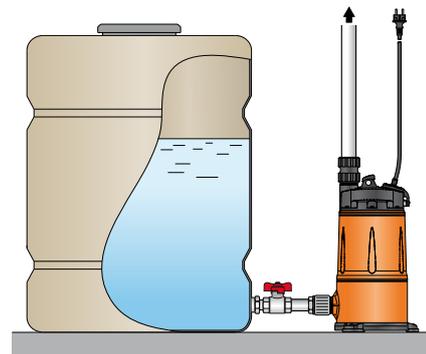
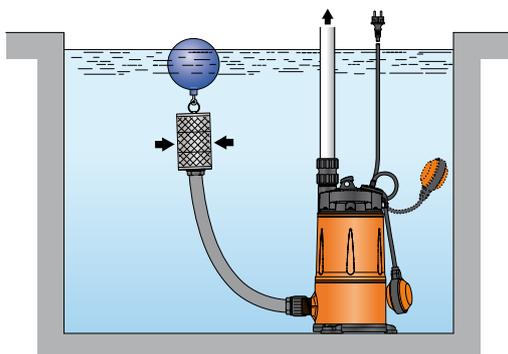


MODEL Single-phase	POWER (P ₂)		Q	Flow rate													
	kW	HP		m ³ /h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2
			l/min	0	10	20	30	40	50	60	70	80	90	100	110	120	
TOP MULTI 1-EVO	0.37	0.50	H metres	27	25	22.5	19.5	16.5	13	9	5						
TOP MULTI 2-EVO	0.55	0.75		42	40	38	34	30	24	18	11.5	5					
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				
	<i>Model</i>	<i>Diameter</i>	<i>Stationary ring</i>	<i>Rotational ring</i>	<i>Elastomer</i>	<i>Metals</i>
	STA-12R	Ø 12 mm	Ceramic	Graphite	NBR	AISI 304

10	LIP SEAL	Ø 12 x Ø 19 x H 5 mm
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11	BEARINGS	6201 ZZ - C3E / 6201 ZZ - C3E
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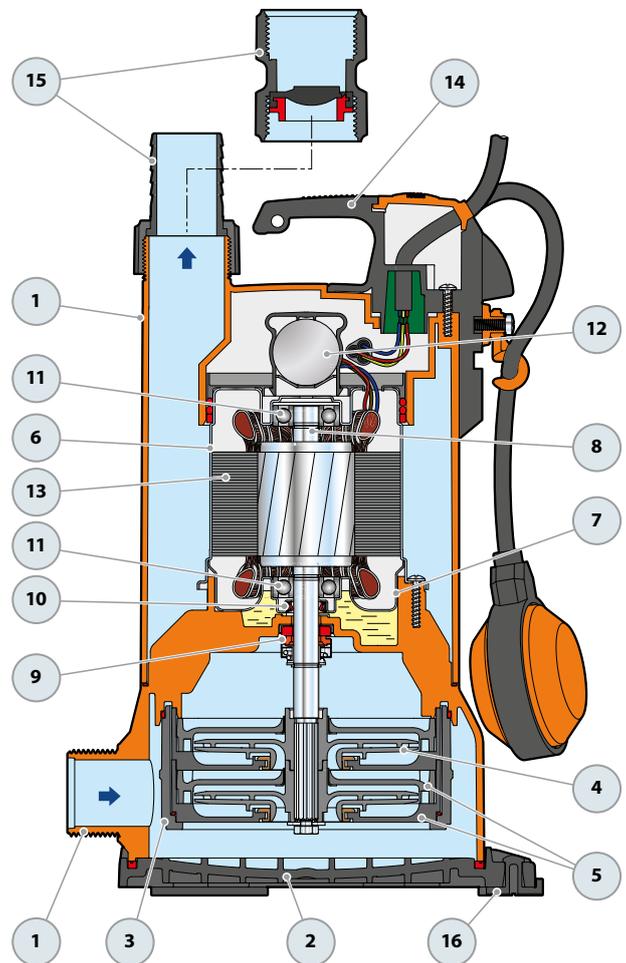
12	CAPACITOR	
	Capacitance	
	(230 V or 240 V)	(110 V)
	10 µF 450 VL	10 µF 250 VL

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	

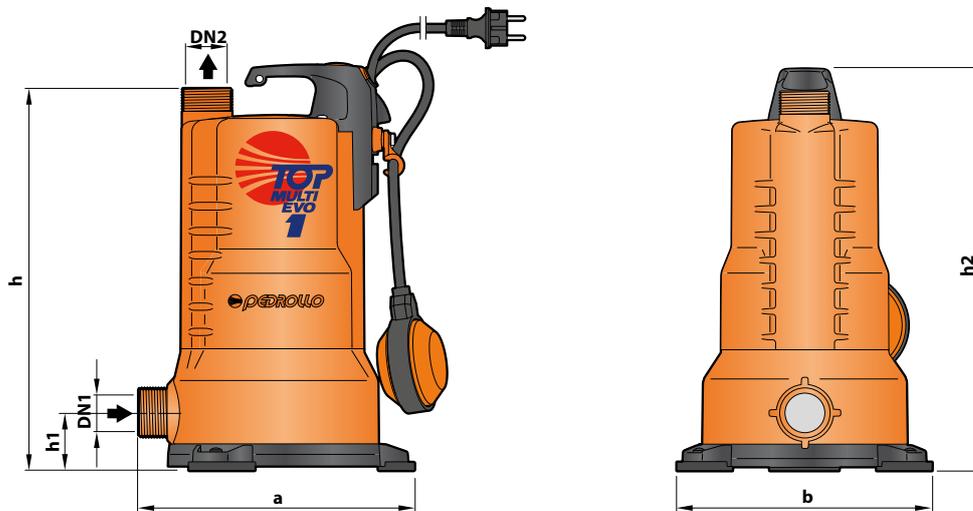
14	HANDLE ASSEMBLY (resin sealed)	
	Complete with:	
	– 10 metres long "H07 RN-F" power cable with Schuko plug	
	– Float switch	

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	
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DIMENSIONS AND WEIGHT



MODEL	N. STAGES		DIMENSIONS mm					kg	
	DN1	DN2	a	b	h	h1	h2		
Single-phase									
TOP MULTI 1-EVO	1¼"	1¼"	2	227	210	317	49	337	7.1

ABSORPTION

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

PALLETIZATION

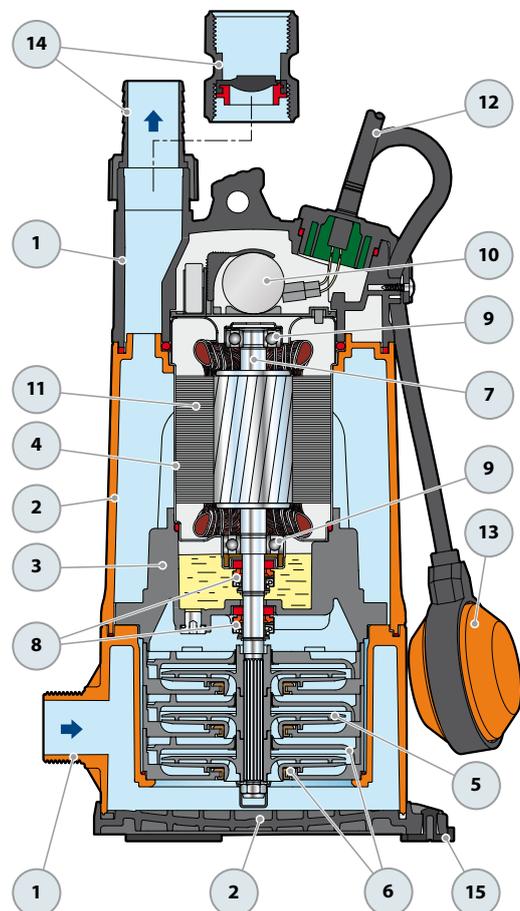
MODEL	GROUPAGE	CONTAINER
	n. pumps	n. pumps
Single-phase		
TOP MULTI 1-EVO	45	60

TOP MULTI 2-3 EVO

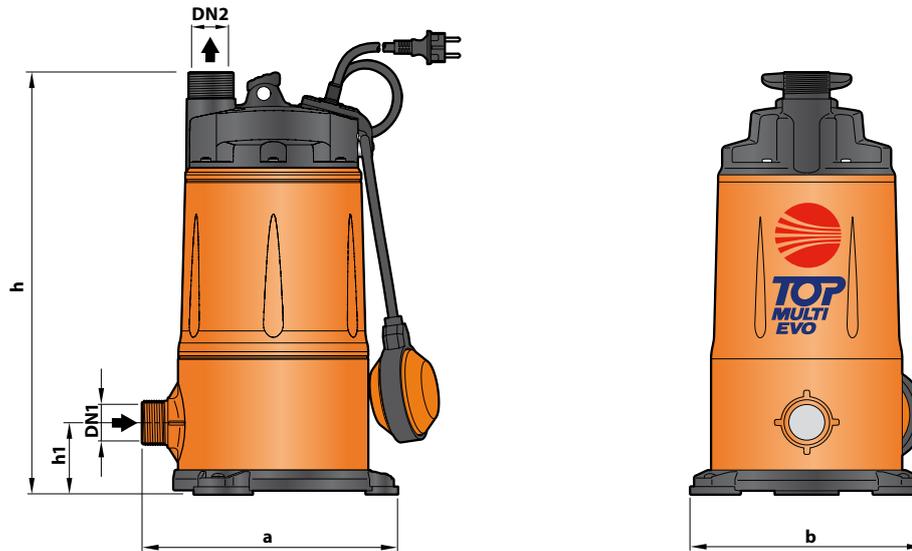
POS. COMPONENT

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	(110 V)					
(230 V or 240 V)	(230 V)					
12.5 µF 450 VL	30 µF 250 VL					
11 ELECTRIC MOTOR	<p>TOP MULTI-EVO: single-phase 230 V - 50 Hz with thermal overload protector incorporated into the winding.</p> <ul style="list-style-type: none"> – Insulation: class F – Protection: IP X8 					
12 POWER CABLE	<p>"H07 RN-F" with Schuko plug</p> <p>Standard length 10 metres</p>					
13 FLOAT SWITCH						
14 HOSE CONNECTOR WITH RING NUT	<p>Ø 35 mm hose connection</p> <p>PIPE COUPLING</p> <p>Threaded 1¼" in compliance with ISO 228/1, complete with flap-check valve</p> <p>(Included in the equipment)</p>					
15 ANTI-VIBRATION SUPPORTS						



DIMENSIONS AND WEIGHT



MODEL	N. STAGES		DIMENSIONS mm				kg	
	DN1	DN2	a	b	h	h1		
Single-phase								
TOP MULTI 2-EVO	1¼"	1¼"	3	239	216	394	68	9.8
TOP MULTI 3-EVO								9.9

ABSORPTION

MODEL	VOLTAGE		
	230 V	240 V	110V
Single-phase			
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

TOP MULTI-TECH

Multi-stage automatic submersible pumps

-  Clean water
-  Domestic use
-  Civil use

**AUTOMATIC
START & STOP**



PERFORMANCE RANGE

- Flow rate up to **120 l/min** (7.2 m³/h)
- Head up to **42 m**
- Restart pressure: **1.5 bar**

APPLICATION LIMITS

- **5 m** maximum immersion depth
- Maximum height between pump and point of use **10 m**
- Maximum liquid temperature **+40 °C**
- Suction down to **34 mm** above ground level
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

Complete with:

- **10 m** long power cable
- internal electronic device for pump starting (when tap opened) and stopping (when tap closed)
- threaded connector 1¼" (delivery)
- hose connector Ø 35 mm

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



INSTALLATION AND USE

TOP-MULTI-TECH 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.

An internal electronic device starts or stops the pump automatically when the tap is opened or closed.

PATENTS - TRADE MARKS - MODELS

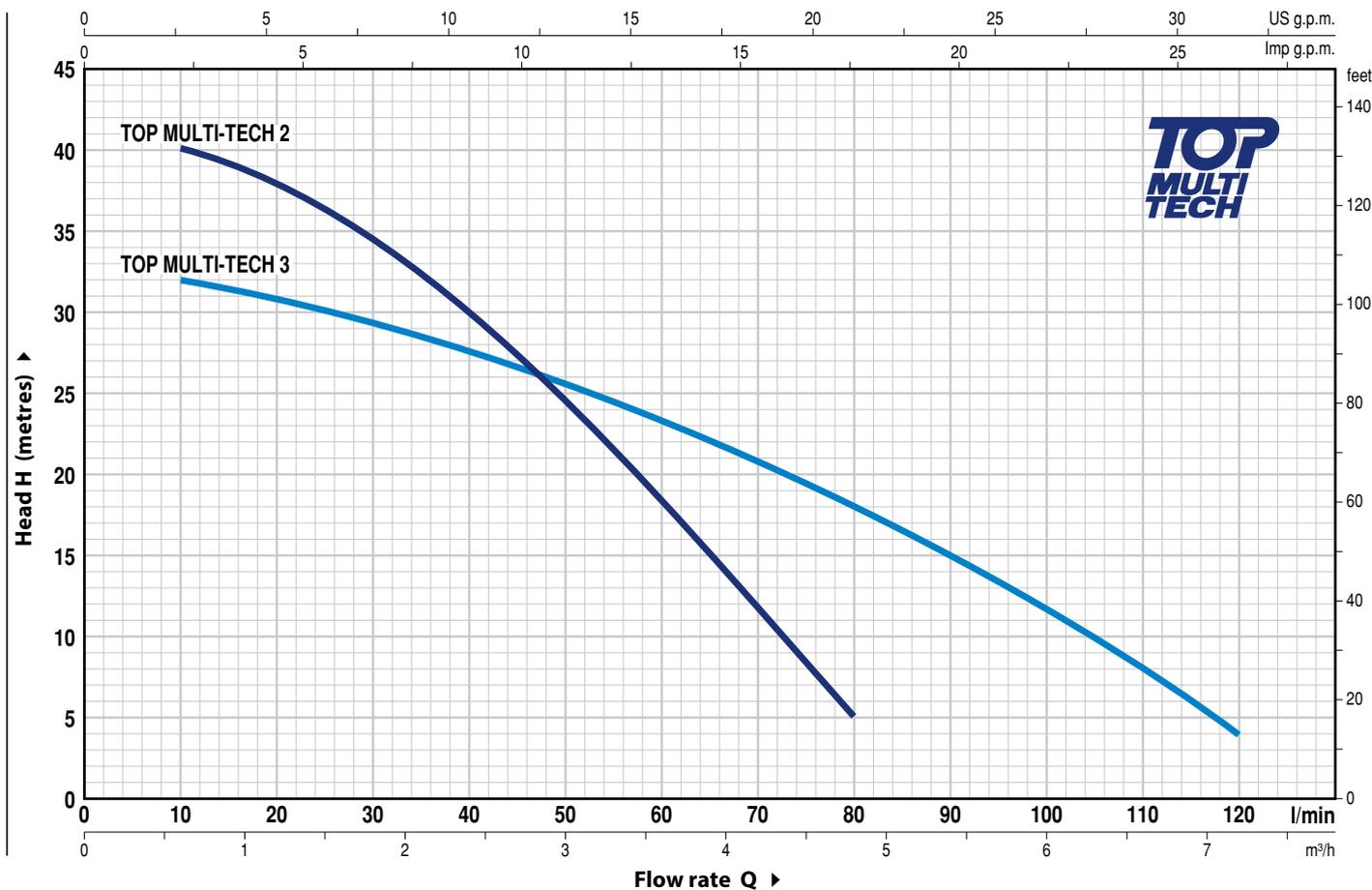
- Patent n. EP2990653
- TOP MULTI® Registered Trade Mark n. 0001334477

OPTIONS AVAILABLE ON REQUEST

- Other voltages or 60 Hz frequency

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 min⁻¹



MODEL Single-phase	POWER (P ₂)		Q	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
	kW	HP		0	10	20	30	40	50	60	70	80	90	100	110	120
TOP MULTI-TECH 2	0.55	0.75	H metres	42	40	38	34	30	24	18	11.5	5				
TOP MULTI-TECH 3	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.

TOP MULTI-TECH

POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
1	DELIVERY BODY	Glass fibre reinforced technopolymer
2	PUMP BODY E SUCTION FILTER	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	ELECTRONIC DEVICE	<p>TOP MULTI-TECH pumps are fitted with an internal electronic device which starts the pump when the pressure of the system falls below 1.5 bar (eg. when opening a tap) and stops it when the flow falls below 3 litre per minute.</p> <p>It protects the pump:</p> <ul style="list-style-type: none"> – against dry running; – against blockage: after long periods of pump inactivity the electronic device starts the pump every 48 hours for 10 seconds.

9 TWO MECHANICAL SEALS SEPARATED BY AN OIL CHAMBER

<i>Seal Model</i>	<i>Shaft Diameter</i>	<i>Position</i>	<i>Materials</i>		
			<i>Stationary ring</i>	<i>Rotational ring</i>	<i>Elastomer</i>
STA-13R	Ø 13 mm	Motor side	Ceramic	Graphite	NBR
STA-12R SG	Ø 12 mm	Pump side	Silicon carbide	Graphite	NBR

10 BEARINGS 6202 ZZ - C3 / 6201 ZZ

11 CAPACITOR

<i>Capacitance (230 V or 240 V)</i>	<i>(110 V)</i>
12.5 µF 450 VL	30 µF 250 VL

12 ELECTRIC MOTOR

TOP MULTI-TECH: single-phase 230 V - 50 Hz with thermal overload protector incorporated into the winding.

- Insulation: class F
- Protection: IP X8

13 POWER CABLE

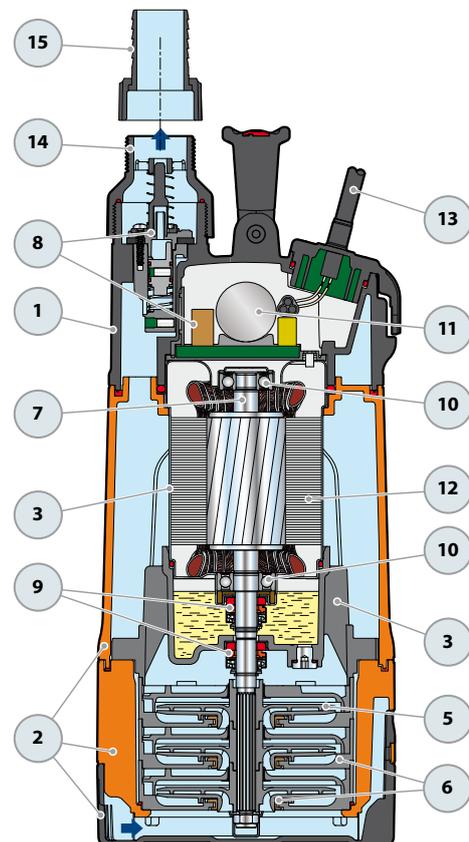
"H07 RN-F" with Schuko plug
Standard length 10 metres

14 THREADED CONNECTOR

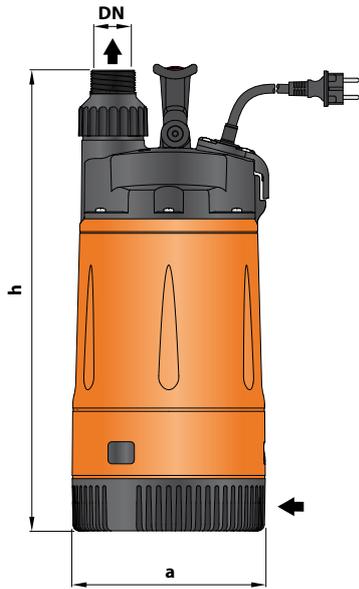
Threaded connector 1¼"

15 HOSE CONNECTOR WITH RING NUT

Ø 35 mm hose connection



DIMENSIONS AND WEIGHT



MODEL	PORT	N. STAGES	DIMENSIONS mm		kg
Single-phase	DN		a	h	
TOP MULTI-TECH 2	1 1/4"	3	178	428	9.3
TOP MULTI-TECH 3					

ABSORPTION

MODEL	VOLTAGE
Single-phase	230 V
TOP MULTI-TECH 2	3.4 A
TOP MULTI-TECH 3	3.6 A

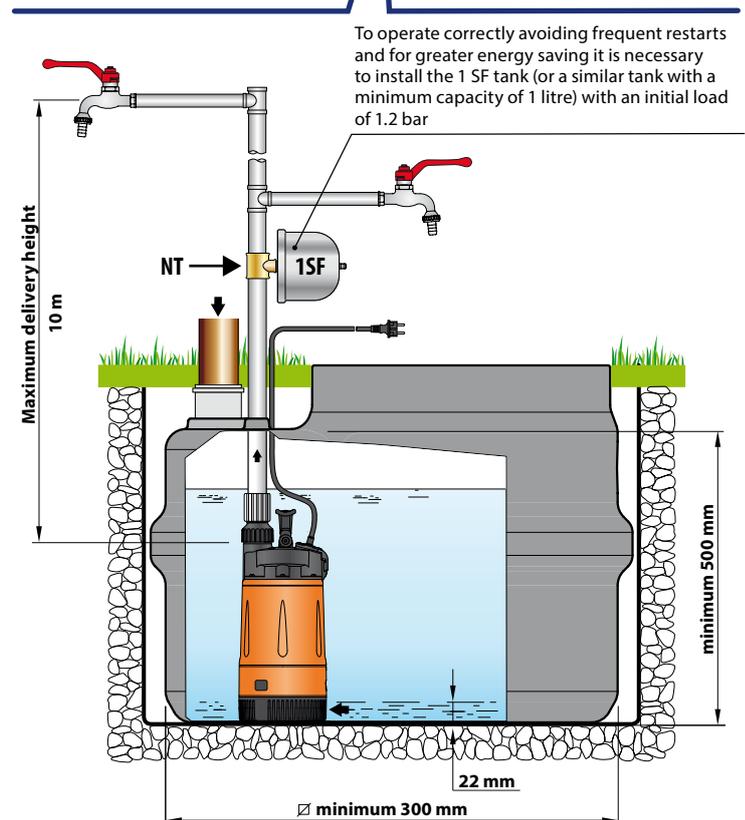
PALLETIZATION

MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
TOP MULTI-TECH 2	60	80
TOP MULTI-TECH 3	60	80

ACCESSORIES (CAN BE ORDERED SEPARATELY)

MODEL	Code	FITTING	CAPACITY	PRE-SET	MAXIMUM WORKING PRESSURE
Tank 1 SF 	500667	1/2" (male)	1 litre	1.2 bar	10 bar
3-way fitting NT 1.25 	500160001	1 1/4" - 1/4" - 1/2" gas	-	-	-

Standard installation



TOP MULTI-EVOTECH

Multi-stage automatic submersible pumps

-  Clean water
-  Domestic use
-  Civil use

**AUTOMATIC
START & STOP**



PERFORMANCE RANGE

- Flow rate up to **120 l/min** (7.2 m³/h)
- Head up to **42 m**
- Restart pressure: **1.5 bar**

APPLICATION LIMITS

- **5 m** maximum immersion depth
- Maximum height between pump and point of use **10 m**
- Maximum liquid temperature **+40 °C**
- Suction down to **52 mm** above ground level
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

Complete with:

- **10 m** long power cable
- internal electronic device for pump starting (when tap opened) and stopping (when tap closed)
- threaded connector 1¼" (delivery)
- hose connector Ø 35 mm

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

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- TOP MULTI® Registered Trade Mark n. 0001334477

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An internal electronic device starts or stops the pump automatically when the tap is opened or closed.

OPTIONS AVAILABLE ON REQUEST

- Other voltages or 60 Hz frequency
- **KGE - Floating suction kit**



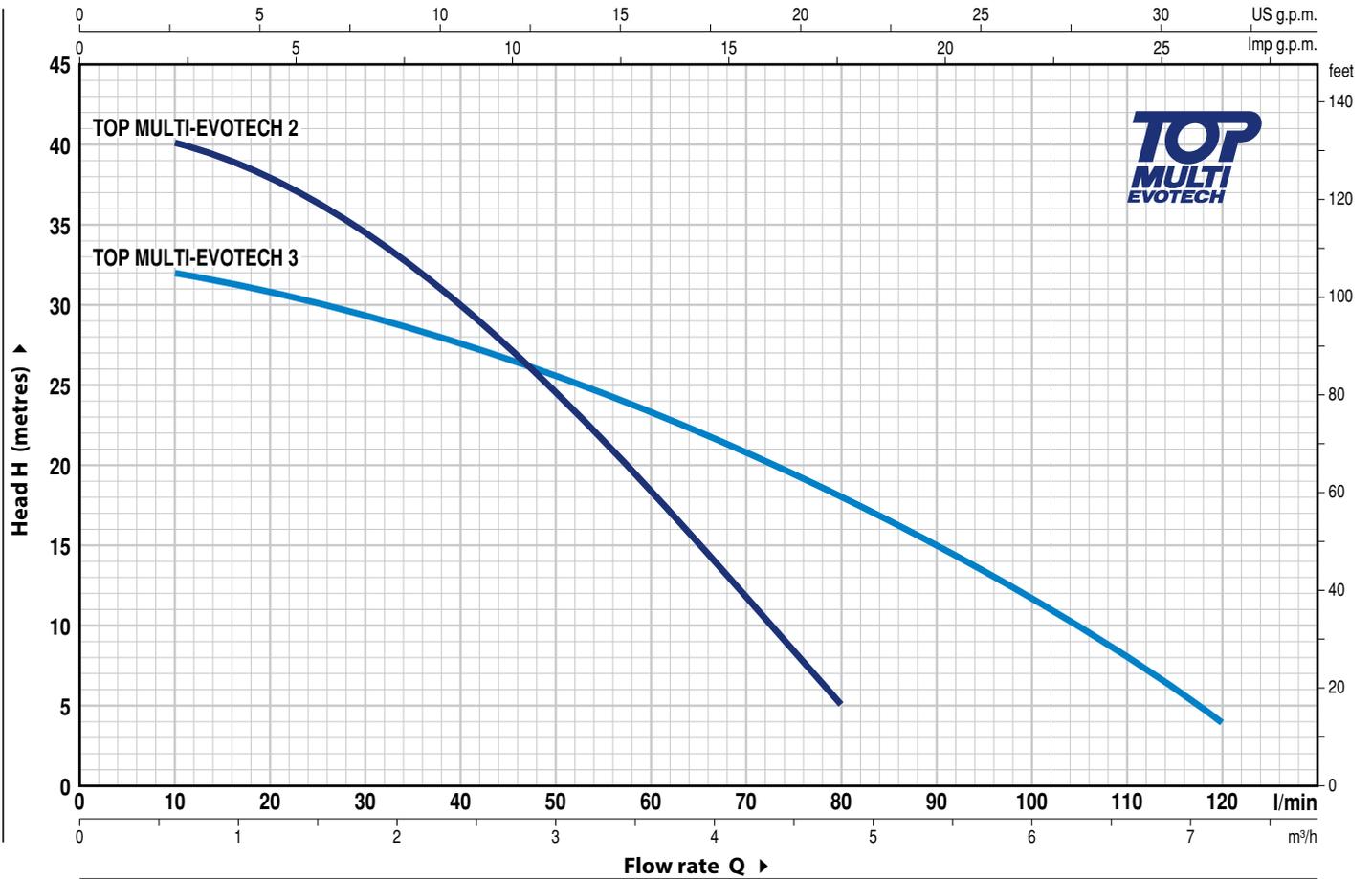
Kit includes:

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

TOP MULTI-EVOTECH 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

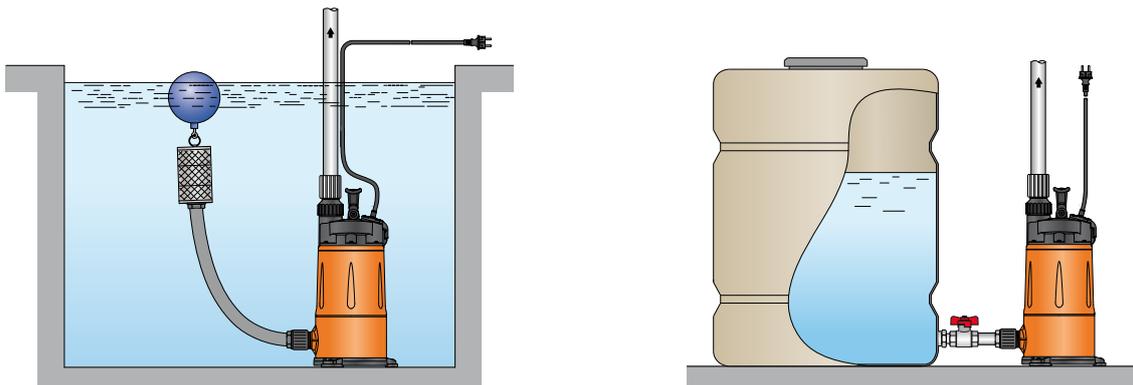


MODEL Single-phase	POWER (P ₂)		Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2
	kW	HP		0	10	20	30	40	50	60	70	80	90	100	110	120
TOP MULTI-EVOTECH 2	0.55	0.75	H metres	42	40	38	34	30	24	18	11.5	5				
TOP MULTI-EVOTECH 3	0.55	0.75		33	32	31	29.5	28	25.5	23	20.5	18	15	12	8	4

Q = Flow rate H = Total manometric head

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

STANDARD INSTALLATION



TOP MULTI-EVOTECH

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 FE1520PW complete with anti-wear ring
7	MOTOR SHAFT	Stainless steel AISI 431
8	ELECTRONIC DEVICE	<p>TOP MULTI-EVOTECH pumps are fitted with an internal electronic device which starts the pump when the pressure of the system falls below 1.5 bar (eg. when opening a tap) and stops it when the flow falls below 3 litre per minute.</p> <p>It protects the pump:</p> <ul style="list-style-type: none"> - against dry running; - against blockage: after long periods of pump inactivity the electronic device starts the pump every 48 hours for 10 seconds.

9 TWO MECHANICAL SEALS SEPARATED BY AN OIL CHAMBER

Seal Model	Shaft Diameter	Position	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

10 BEARINGS

6202 ZZ - C3 / 6201 ZZ

11 CAPACITOR

Capacitance

(230 V or 240 V)

12.5 µF 450 VL

(110 V)

30 µF 250 VL

12 ELECTRIC MOTOR

TOP MULTI-EVOTECH: single-phase 230 V - 50 Hz with thermal overload protector incorporated into the winding.

- Insulation: class F
- Protection: IP X8

13 POWER CABLE

"H07 RN-F" with Schuko plug

Standard length 10 metres

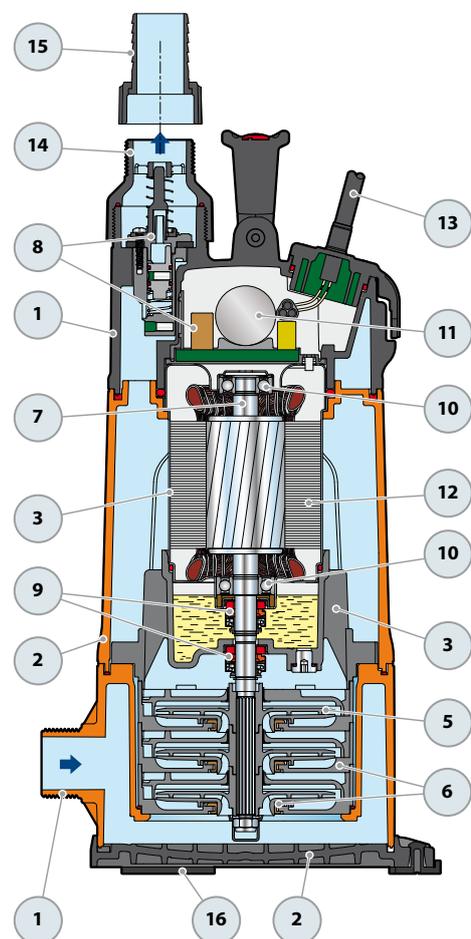
14 THREADED CONNECTOR

Threaded connector 1¼"

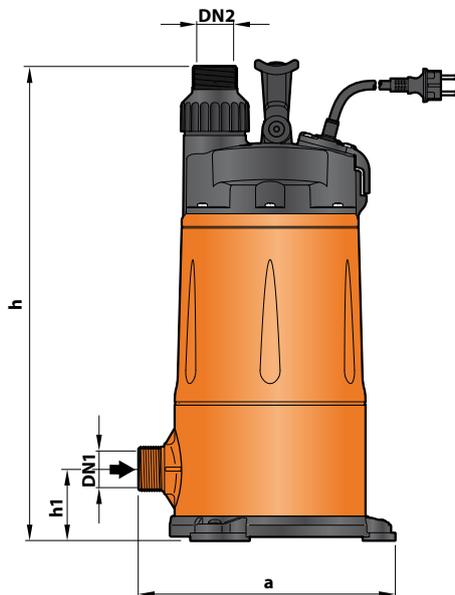
15 HOSE CONNECTOR WITH RING NUT

Ø 35 mm hose connection

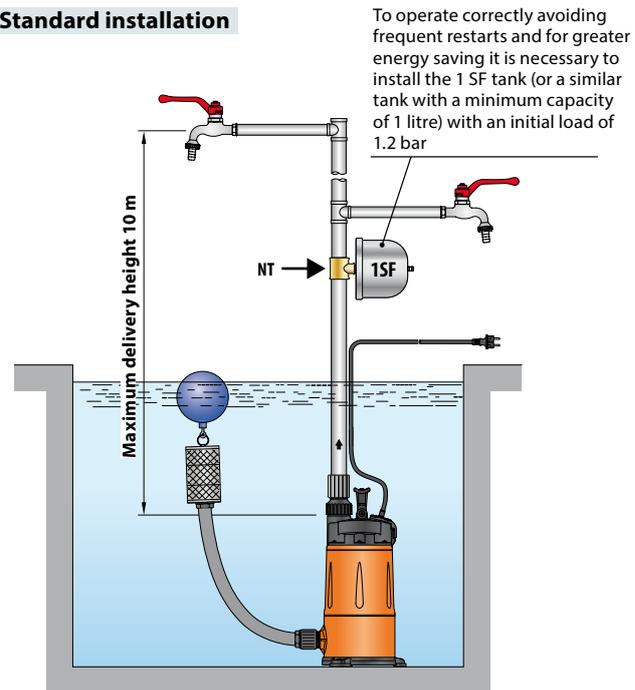
16 ANTI-VIBRATION SUPPORTS



DIMENSIONS AND WEIGHT



Standard installation



MODEL	N. STAGES		DIMENSIONS mm			kg	
	DN1	DN2	a	h	h1		
Single-phase							
TOP MULTI 2-EVOTECH	1 1/4"	1 1/4"	3	239	442	68	9.9
TOP MULTI 3-EVOTECH							

ABSORPTION

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

PALLETIZATION

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

ACCESSORIES (CAN BE ORDERED SEPARATELY)

MODEL	Code	FITTING	CAPACITY	PRE-SET	MAXIMUM WORKING PRESSURE
Tank 1 SF 	500667	1/2" (male)	1 litre	1.2 bar	10 bar
3-way fitting NT 1.25 	500160001	1 1/4" - 1 1/4" - 1/2" gas	-	-	-