

TOP 2-LA

Submersible DRAINAGE pumps

 Clear water

 Domestic use



PERFORMANCE RANGE

- Flow rate up to **58.1 US g.p.m.**
- Head up to **29.5 feet**

APPLICATION LIMITS

- Immersion depth:
 - up to **9.8 feet**
(with a sufficiently long power cable)
- Maximum liquid temperature **104 °F**
(Maximum liquid temperature 194 °F
for a maximum of 3 minutes intermittent service)
- Passage of suspended solids up to **Ø 10 mm**
- Suction level:
 - **14 mm** above ground level
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

The pumps are complete with:

- **16.4 feet** long power cable -5
- float switch

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
ISO 14001: ENVIRONMENT

INSTALLATION AND USE

The **TOP** series is suitable for use with **clear water** that does not contain abrasive particles.

Because of the design solutions that have been adopted, such as the complete cooling of the motor and the shaft with double seal, these pumps are easy to use and reliable.

They are suitable for use in applications such as draining small flooded areas (rooms, cellars, garages) in the event of an emergency, for the disposal of waste water in the home (from dishwashers, washing machines) and for emptying drainage traps.

PATENTS - TRADE MARKS - MODELS

- Registered EU Design n. 342159-0011

OPTIONS AVAILABLE ON REQUEST

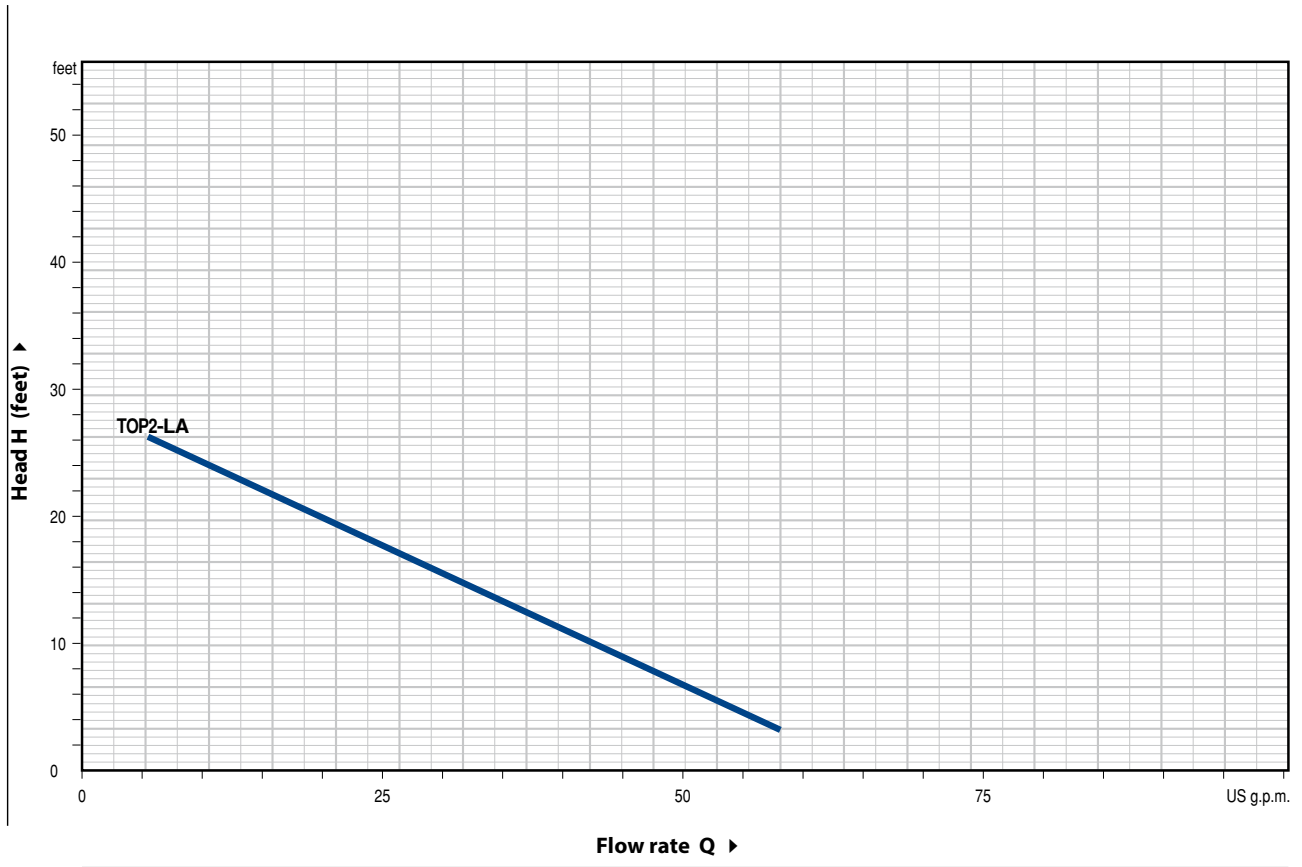
- **"TOP 2-LA"** pumps intended for use with aggressive liquids
- Special mechanical seal
- **33 feet** long power cable
 - ➔ N.B. Standard EN 60335-2-41 states that the power cable must be 10 m long for outdoor applications
- Pumps without float switch
- Other voltages

GUARANTEE

2 years subject to terms and conditions

CHARACTERISTIC CURVES AND PERFORMANCE DATA

60 Hz n= 3450 rpm



MODEL Single-phase	POWER (P ₂)		Q _{US g.p.m.}	0	5	10	15	20	25	30	35	40	45	50	55	58
	kW	HP		H _{feet}												
TOP 2-LA	0.37	0.5	H _{feet}	29.5	26.2	24	22	19.8	18.2	15.6	13	11	8.6	6.8	4.4	3.2

Q = Flow rate H = Total manometric head

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

TOP 2-LA

POS. COMPONENT CONSTRUCTION CHARACTERISTICS

1	PUMP BODY	Technopolymer
2	SUCTION FILTER	Technopolymer
3	SUCTION PLATE	Stainless steel AISI 304 (AISI 316L for LA versions)
4	DIFFUSER	Technopolymer
5	IMPELLER	Noryl FE1520PW
6	MOTOR CASING	Stainless steel AISI 304 (AISI 316L for LA versions)
7	MOTOR CASING PLATE	Stainless steel AISI 304
8	MOTOR SHAFT	Stainless steel EN 10088-3 - 1.4104 (AISI 316L for LA versions)

9 SHAFT WITH DOUBLE SEAL AND OIL CHAMBER

<i>Pump Model</i>	<i>Seal Model</i>	<i>Shaft Diameter</i>	<i>Materials</i>			
			<i>Stationary ring</i>	<i>Rotational ring</i>	<i>Elastomer</i>	<i>Metals</i>
TOP 2-LA	AR-12R LA	Ø 12 mm	Ceramic	Graphite	NBR	AISI 316

10	LIP SEAL	Ø 12 x Ø 19 x H 5 mm
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11	BEARINGS	6201 ZZ / 6201 ZZ
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12 CAPACITOR

<i>Pump Single-phase</i>	<i>Capacitance</i>	
	<i>(230 V)</i>	<i>(115 V or 127 V)</i>
TOP 2-LA	10 µF - 450 VL	16 µF - 250 VL

13 ELECTRIC MOTOR

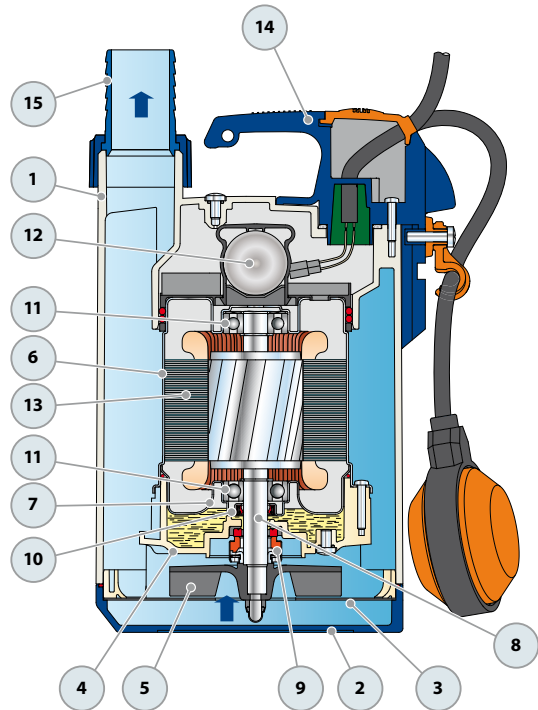
TOP: single-phase 115 V - 60 Hz with thermal overload protector incorporated into the winding.
 – Insulation: class F
 – Protection: IP X8

14 HANDLE ASSEMBLY (resin sealed)

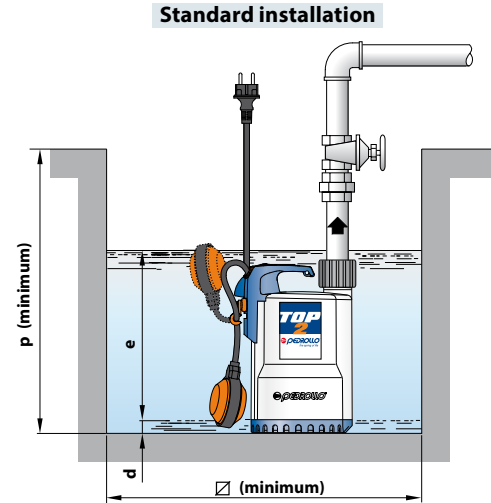
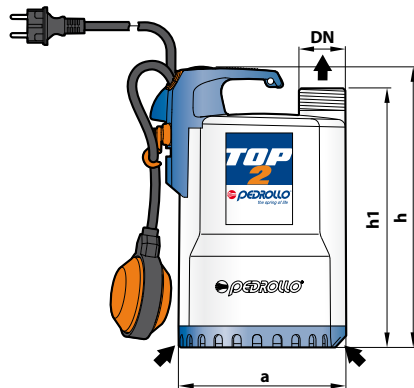
Complete with:
 – **16.4 metres** long power cable
 – Float switch
 (Vertical float switch in the GM versions)

15 HOSE CONNECTOR WITH RING NUT

Ø 35 mm



DIMENSIONS AND WEIGHT



MODEL	PORT(in)	DIMENSIONS mm							lb
		a	h	h1	d	e	p	Ø	
Single-phase	DN								
TOP 2-LA	1¼"	152	257	237	14	variable	350	350	11.5

ABSORPTION

MODEL	VOLTAGE		
	Single-phase	230 V	115 V
TOP 2-LA	2.2 A	4.5 A	3.9 A

PALLETIZATION

MODEL	GROUPAGE	CONTAINER
Single-phase	n. pumps	n. pumps
TOP 2-LA	96	144

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