

 Clear waters

 Domestic use

※ TOP-FLOOR

Designed to remove water
from flooded rooms up to
2 mm from the floor



PERFORMANCE RANGE

- Flow rate up to **170 l/min** (10.2 m³/h)
- Head up to **10.4 m**

INSTALLATION AND USE

Clear water TOP-FLOOR series drainage pumps are capable of removing water up to **2 millimeters** from the floor, these pumps are ideal for emergency household use in small, flooded areas and any situation where maximum drainage is needed.

APPLICATION LIMITS

- Maximum operating depth below water level up to **3 m** (with an appropriately sized power cable)
- Liquid temperature up to **+40 °C** and up to **+90 °C** for short bursts (up to 3 minutes max) for intermittent service
- Capable of processing suspended solids up to **Ø 2 mm**
- Draining capability up to **2 mm** from the bottom

INCLUDES

- ※ **5 m** long power cable

AVAILABLE UPON REQUEST

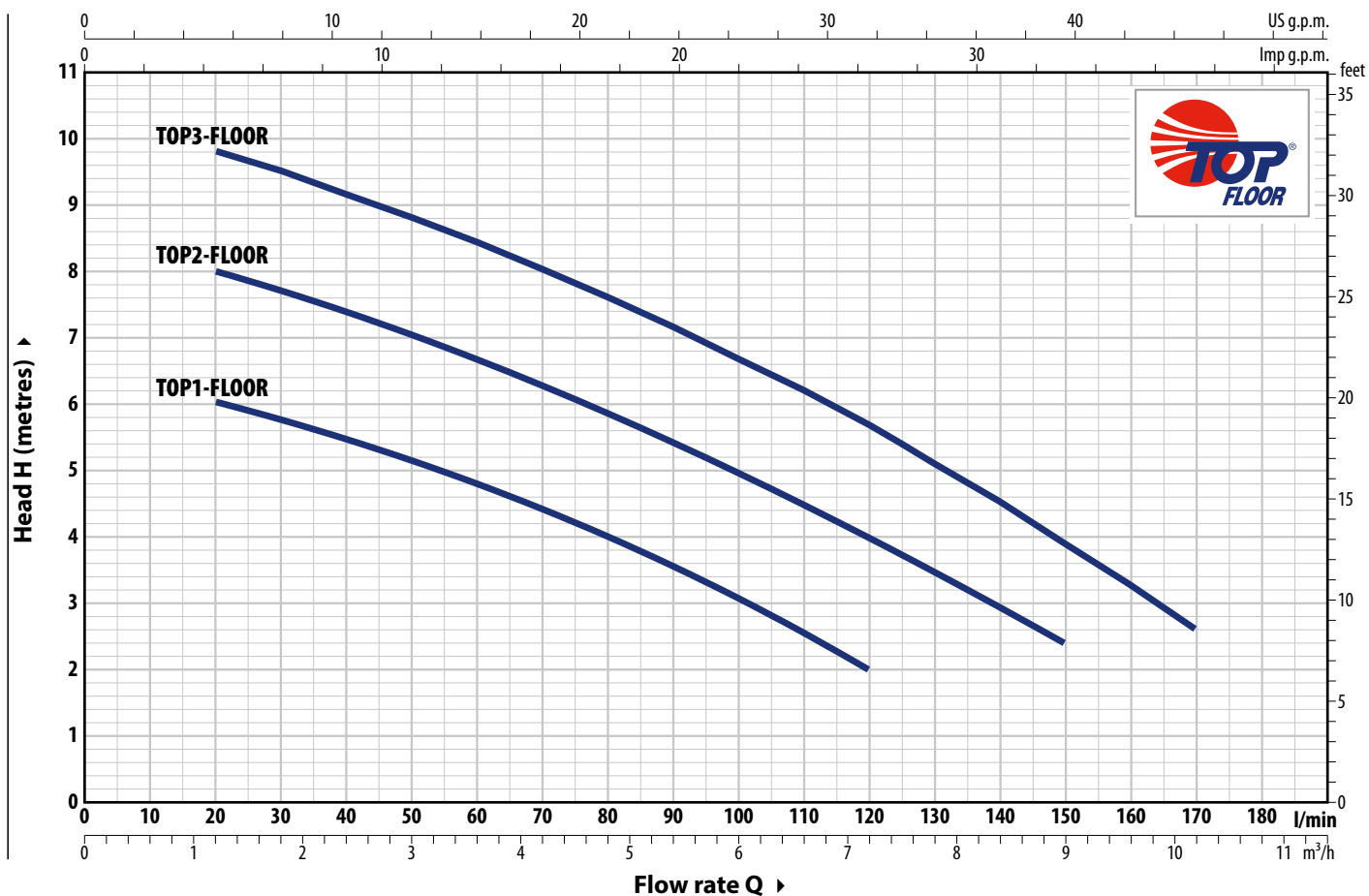
- ※ Pumps with float switch
- ※ Mechanical seal options available
- ※ Pumps with **10 m** power cable.
- ※ Different voltage or frequency

PATENTS - TRADE MARKS - MODELS

- Registered Community Model No. 342159-0011

CURVES AND PERFORMANCE DATA

60 Hz



TYPE	POWER (P ₂)		Q	0	1.2	2.4	3.6	4.8	6.0	7.2	7.8	9.0	10.2
Single-phase	kW	HP		0	20	40	60	80	100	120	130	150	170
TOP 1-FLOOR	0.25	0.33	H metres	6.5	6	5.5	4.8	4	3	2			
TOP 2-FLOOR	0.37	0.50		8.5	8	7.4	6.7	6	5	4	3.5	2.4	
TOP 3-FLOOR	0.55	0.75		10.4	9.8	9.2	8.4	7.6	6.7	5.7	5	4	2.6

Q = Flow rate H = Total manometric head

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

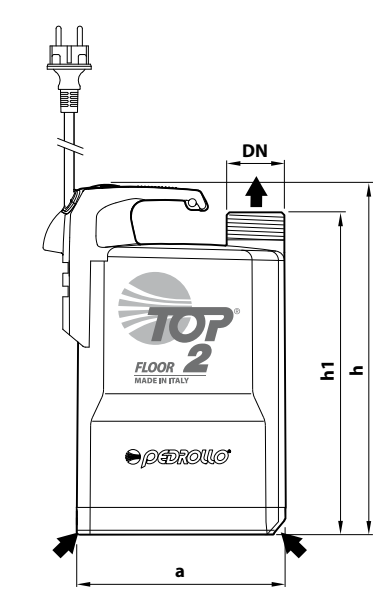
ABSORPTION

TYPE	VOLTAGE
Single-phase	220 V
TOP 1-FLOOR	1.5 A
TOP 2-FLOOR	2.5 A
TOP 3-FLOOR	3.5 A

TYPE	VOLTAGE
Single-phase	110 V
TOP 1-FLOOR	3.0 A
TOP 2-FLOOR	4.5 A
TOP 3-FLOOR	8.6 A

TOP-FLOOR

DIMENSIONS AND WEIGHT



Typical installation



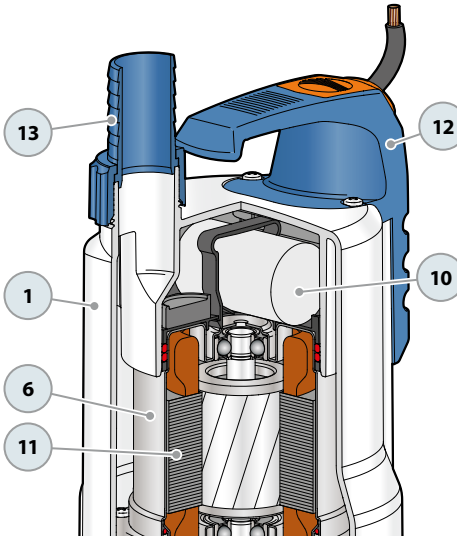
TYPE Single-phase	PORT DN	DIMENSIONS mm			Minimum drainage level	kg
		a	h	h1		
TOP 1-FLOOR	1¼"	152	257	237	2 mm	5.2
TOP 2-FLOOR						5.2
TOP 3-FLOOR			287	268		6.6

PALLET CAPACITY

TYPE Single-phase	GROUPAGE n. pumps	CONTAINER n. pumps
TOP 1-FLOOR	96	144
TOP 2-FLOOR	96	144
TOP 3-FLOOR	96	144

MATERIALS AND COMPONENTS

1	Pump body	Technopolymer
2	Suction filter	Technopolymer
3	Suction cover	Stainless steel AISI 304
4	Diffuser	Technopolymer
5	Impeller	Noryl™
6	Motor sleeve	Stainless steel AISI 304
7	Motor cover	Stainless steel AISI 304
8	Motor shaft	Stainless steel AISI 431
9	Double shaft seal with interposed oil chamber	
Seal	Shaft	Materials
STA-12R	Ø 12 mm	Ceramic / Graphite / NBR
Sealing ring	Ø 12 x Ø 19 x H 5 mm	
10	Capacitor	
11	Electric motor	
	TOP-FLOOR: single-phase 220 V - 60 Hz with winding integrated thermal motor protection	
	- Continuous running duty S1	
	- Insulation: Class F	
	- Protection rating IP X8	
12	Handle group	
	※ Complete with 5 metres long power cable type 'H07 RN-F' with Schuko plug	
13	Ferrule and hose nozzle	
	Hose connector Ø 25 mm for TOP1-FLOOR	
	Ø 35 mm for TOP2-FLOOR, TOP3-FLOOR	



The diagram shows a vertical cross-section of the pump assembly. Callout 1 points to the pump body. Callout 2 points to the suction filter. Callout 3 points to the suction cover. Callout 4 points to the diffuser. Callout 5 points to the impeller. Callout 6 points to the motor sleeve. Callout 7 points to the motor cover. Callout 8 points to the motor shaft. Callout 9 points to the double shaft seal. Callout 10 points to the capacitor. Callout 11 points to the electric motor. Callout 12 points to the handle group. Callout 13 points to the ferrule and hose nozzle.

