

### ※ 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 m<sup>3</sup>/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

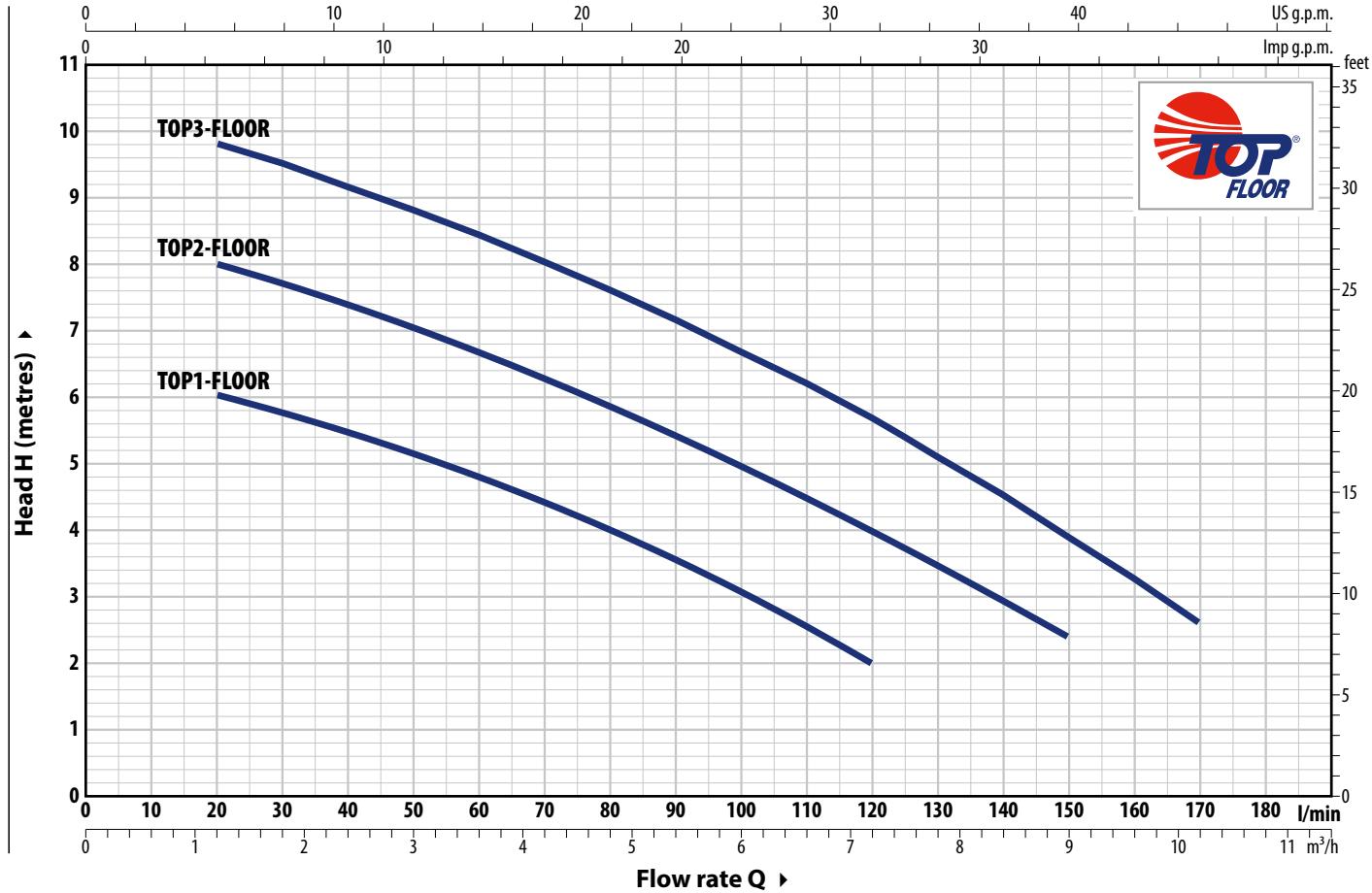
- ※ Pumps with float switch
- ※ Mechanical seal options available
- ※ Pumps with **10 m** power cable.
- ※ Different voltage or frequency

### PATENTS - TRADE MARKS - MODELS

- Registered Community Model No. 342159-0011

## CURVES AND PERFORMANCE DATA

60 Hz



TYPE	POWER (P2)		Q m <sup>3</sup> /h l/min	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		6.5	6	5.5	4.8	4	3	2			
TOP 2-FLOOR	0.37	0.50	H metres	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

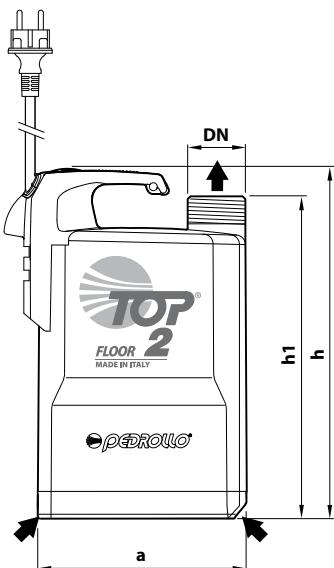
TYPE	VOLTAGE
<b>Single-phase</b>	<b>220 V</b>
<b>TOP 1-FLOOR</b>	1.5 A
<b>TOP 2-FLOOR</b>	2.5 A
<b>TOP 3-FLOOR</b>	3.5 A

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	PORT DN	a	DIMENSIONS mm		Minimum drainage level	kg
Single-phase						
TOP 1-FLOOR						5.2
TOP 2 -FLOOR	1 1/4"	152	257	237	2 mm	5.2
TOP 3 -FLOOR			287	268		6.6

## PALLET CAPACITY

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

## MATERIALS AND COMPONENTS

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

