

 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 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

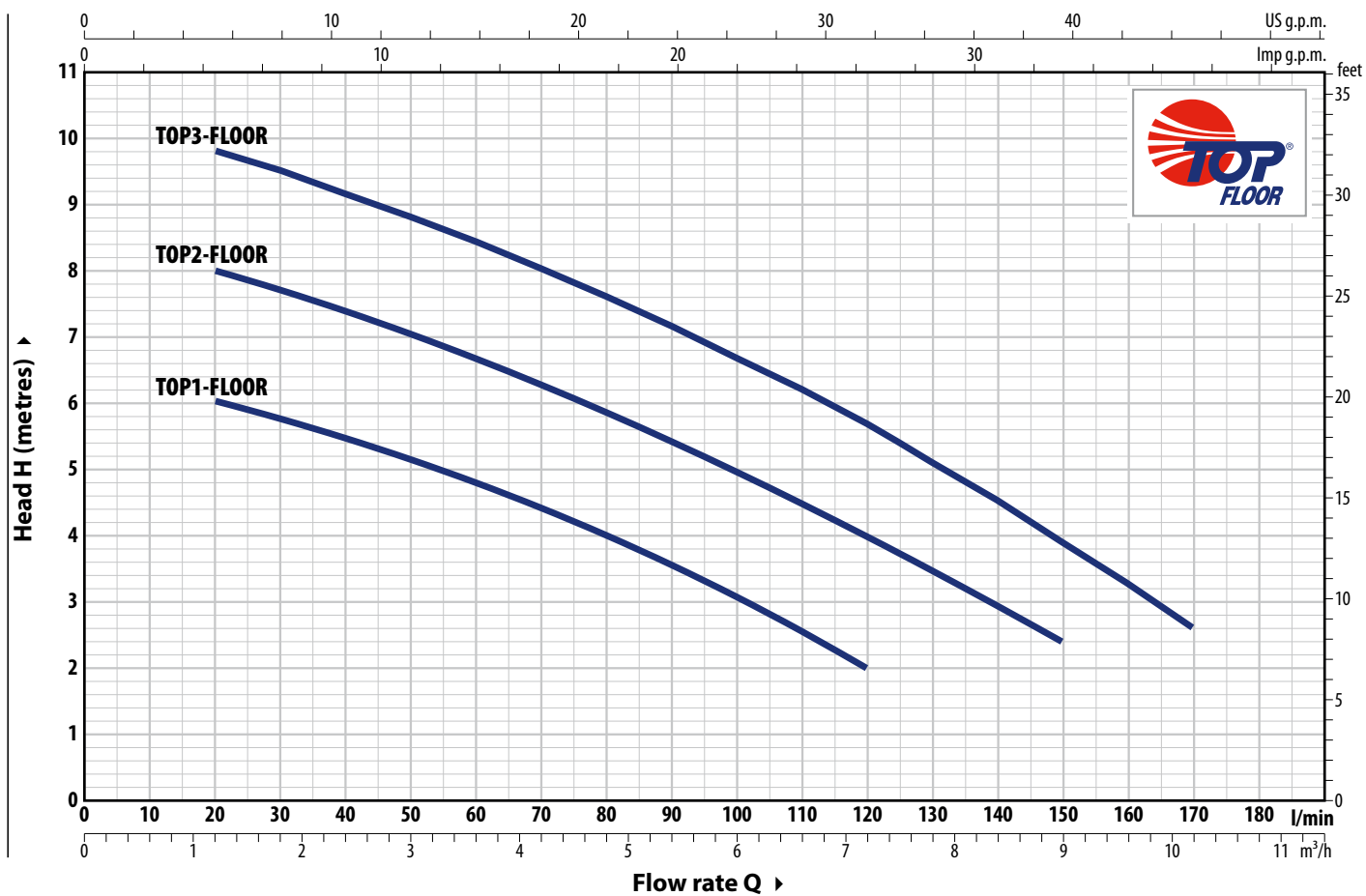
- ※ Pumps with float switch
- ※ Mechanical seal options available
- ※ Pumps with **10 m** power cable.
- ※ Different voltage requirements 60 Hz frequency

#### PATENTS - TRADE MARKS - MODELS

- Registered Community Model No. 342159-0011

## CURVES AND PERFORMANCE DATA

50 Hz



TYPE	POWER (P <sub>2</sub> )		Q	Flow rate												
	kW	HP		0	1.2	2.4	3.6	4.8	6.0	7.2	7.8	9.0	10.2			
Single-phase				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			

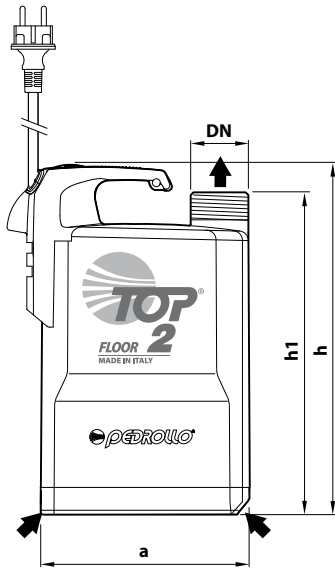
Q = Flow rate H = Total manometric head

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

## ABSORPTION

TYPE	VOLTAGE
Single-phase	230 V
TOP 1-FLOOR	1.5 A
TOP 2-FLOOR	2.0 A
TOP 3-FLOOR	3.1 A

### DIMENSIONS AND WEIGHT



### Typical installation



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

### PALLET CAPACITY

TYPE	NO. OF PUMPS
<b>Single-phase</b>	
<b>TOP 1-FLOOR</b>	96
<b>TOP 2-FLOOR</b>	96
<b>TOP 3-FLOOR</b>	96

## MATERIALS AND COMPONENTS

<b>1 Pump body</b>	Technopolymer	
<b>2 Suction filter</b>	Technopolymer	
<b>3 Suction cover</b>	Stainless steel <b>AISI 304</b>	
<b>4 Diffuser</b>	Technopolymer	
<b>5 Impeller</b>	Noryl™	
<b>6 Motor sleeve</b>	Stainless steel <b>AISI 304</b>	
<b>7 Motor cover</b>	Stainless steel <b>AISI 304</b>	
<b>8 Motor shaft</b>	Stainless steel <b>AISI 431</b>	
<b>9 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 Capacitor</b>		
<b>11 Electric motor</b>		
<b>TOP-FLOOR:</b>	single-phase 230 V - 50 Hz with winding integrated thermal motor protection	
-	Continuous running duty S1	
-	Insulation: Class F	
-	Protection rating IP X8	
<b>12 Handle group</b>		
※	Complete with 5 metres long power cable type 'H07 RN-F' with Schuko plug	
<b>13 Ferrule and hose nozzle</b>		
Hose connector	Ø 25 mm for TOP1-FLOOR Ø 35 mm for TOP2-FLOOR, TOP3-FLOOR	

