

-  Clean water
-  Domestic use
-  Civil use

### ※ AUTOMATIC START & STOP

The integrated electronic device allows the pump to be started or stopped automatically by opening or closing the tap.



### PERFORMANCE RANGE

- Flow rate up to **120 l/min** (7.2 m<sup>3</sup>/h)
- Head up to **52 m**
- Restart pressure:
  - **1.5 bar** for TOP MULTI-TECH 2-3-5
  - **2.5 bar** for TOP MULTI-TECH 4

### INSTALLATION AND USE

**TOP-MULTI-TECH** pumps are designed to transfer **clean water** free from abrasive particles and liquids that will not damage the pump's components. Efficient and reliable, they are ideal for domestic applications involving tanks, reservoirs, and deep wells. They are also perfect for collecting rainwater from water tanks (rain barrels) for manual watering or irrigation systems.

### ELECTRONIC DEVICE

**TOP MULTI-TECH** pumps feature an internal electronic device that activates the pump if system pressure (such as when a tap opens) falls below **1.5 bar** (or **2.5 bar** for TOP MULTI-TECH 4) and deactivates it when flow declines to less than 3 l/min.

- ※ Protects the pump:
  - **against dry running;**
  - **to prevent blockages, the electronic device automatically runs the pump for 10 seconds every 48 hours after extended periods of inactivity.**

### APPLICATION LIMITS

- Maximum operating depth below water level up to **5 m**
- Maximum height between pump and user: **10 m**
- Liquid temperature up to **+40 °C**
- Draining capability up to **35 mm** from the bottom

### INCLUDES

- ※ **10 m** power cable
- ※ Threaded fitting 1¼"
- ※ Hose connector **Ø 35 mm**

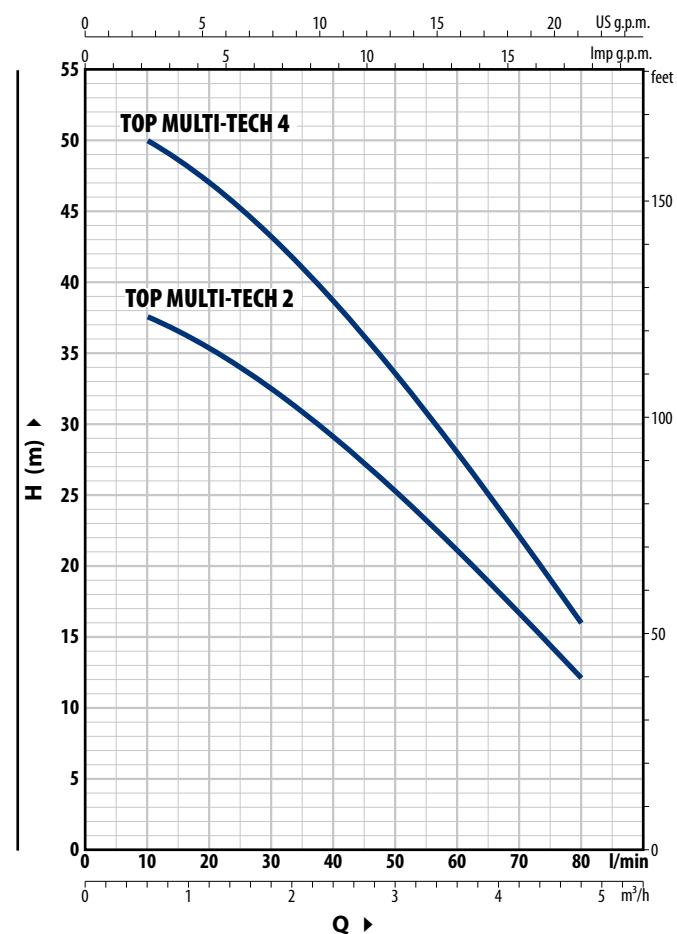
### PATENTS - TRADE MARKS - MODELS

- Patent No. EP2990653
- TOP MULTI® Registered trademark No. 0001334477

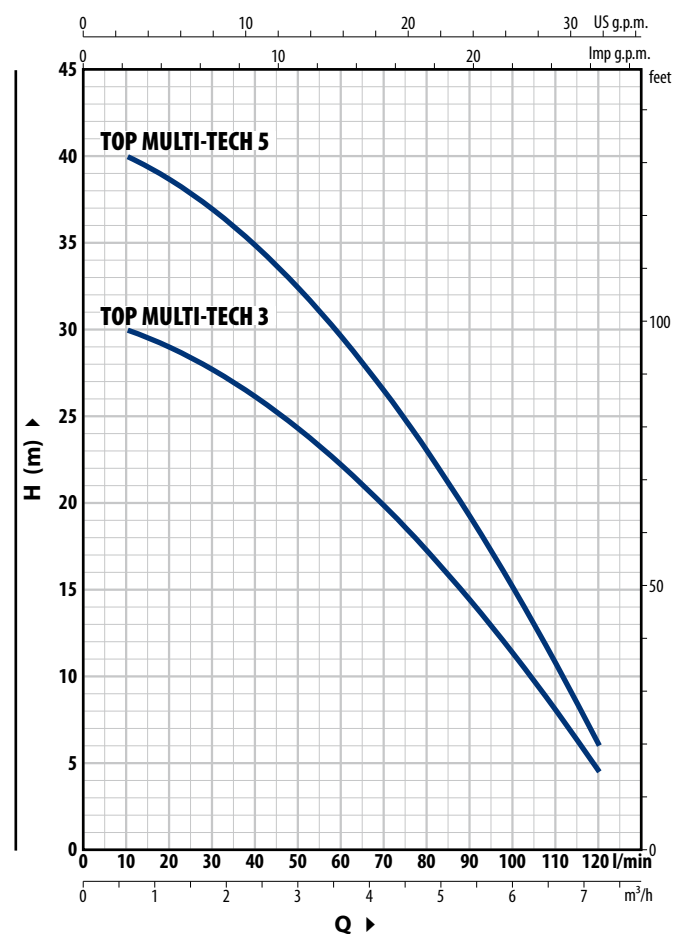
## CURVES AND PERFORMANCE DATA

60 Hz

### TOP MULTI-TECH 2-4



### TOP MULTI-TECH 3-5



### TOP MULTI-TECH 2-4

MODEL	POWER (P <sub>2</sub> )		Q	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
	kW	HP		l/min	0	10	20	30	40	50	60	70	80
TOP MULTI-TECH 2	0.55	0.75	H m	39	37.5	35.5	32.5	29	25	21	16.6	12	
TOP MULTI-TECH 4	0.75	1		52	50	47	43	38.5	33.5	28	22.1	16	

### TOP MULTI-TECH 3-5

MODEL	POWER (P <sub>2</sub> )		Q	m³/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
Single-phase	kW	HP		l/min	0	10	20	30	40	50	60	70	80	90	100	110	120
TOP MULT-TECHI 3	0.55	0.75	H m	30.5	30	29	27.5	26	24.3	22.2	19.8	17.2	14.4	11.3	8	4.5	
TOP MULTI-TECH 5	0.75	1		41	40	38.5	37	35	32.5	29.5	26.5	22.9	19.2	15.1	10.7	6	

Q = Flow rate H = Total manometric head

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

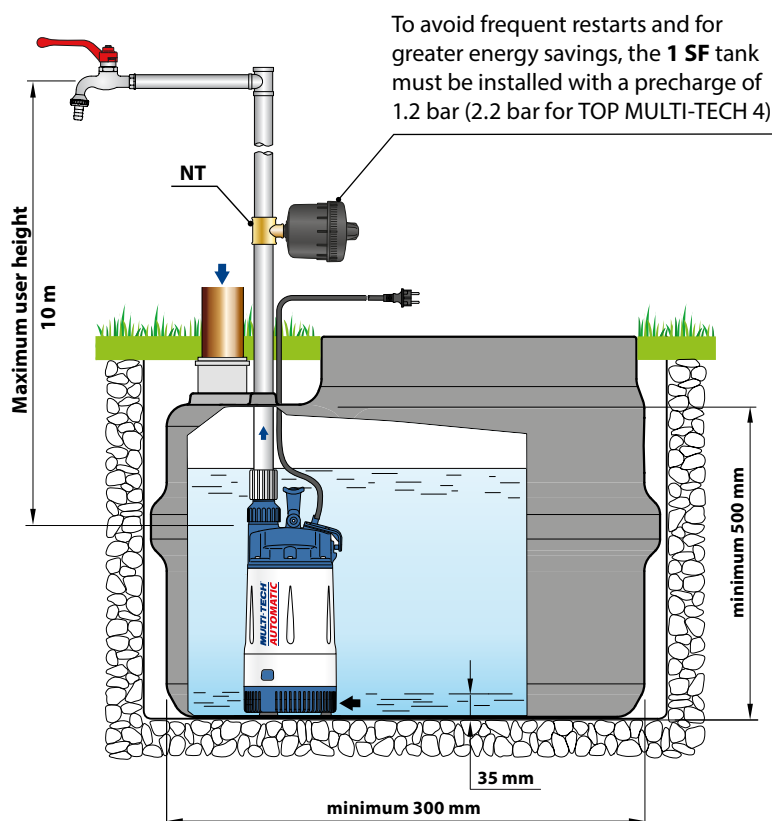
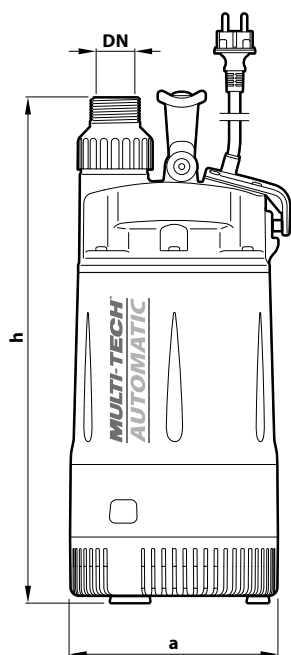
## ABSORPTION

TYPE	VOLTAGE
Single-phase	220 V
TOP MULTI-TECH 2	3.4 A
TOP MULTI-TECH 3	3.4 A
TOP MULTI-TECH 4	4.3 A
TOP MULTI-TECH 5	4.7 A

TYPE	VOLTAGE
Single-phase	110 V
TOP MULTI-TECH 2	6.9 A
TOP MULTI-TECH 3	6.9 A
TOP MULTI-TECH 4	8.6 A
TOP MULTI-TECH 5	9.4 A

# TOP MULTI-TECH

## DIMENSIONS AND WEIGHT



TYPE	PORT	DIMENSIONS mm		kg
	DN	a	h	
TOP MULTI-TECH 2	1¼"	178	428	9.5
TOP MULTI-TECH 3				
TOP MULTI-TECH 4			463	10.5
TOP MULTI-TECH 5				



## PALLET CAPACITY

TYPE	GROUPAGE n. pumps	CONTAINER n. pumps
TOP MULTI-TECH 2	60	80
TOP MULTI-TECH 3	60	80
TOP MULTI-TECH 4	60	80
TOP MULTI-TECH 5	60	80



## Typical installation



## ACCESSORIES (CAN BE ORDERED SEPARATELY)

TYPE	Code	FITTING	CAPACITY	PRECARE	MAXIMUM WORKING PRESSURE
Tank 1 SF 	50057005	½" (male)	1 litre	1.2 bar	10 bar
3-way fitting NT 1.25 	500160001	1¼" - 1¼" - ½" gas	–	–	–

## MATERIALS AND COMPONENTS

1	Delivery port	Technopolymer		
2	Pump body	Technopolymer		
3	Suction filter	Technopolymer		
4	Diffuser vanes	Technopolymer		
5	Motor sleeve	Stainless steel <b>AISI 304</b>		
6	Impellers	Noryl™		
7	Diffusers and stage boxes	Noryl™		
8	Motor shaft	Stainless steel <b>AISI 431</b>		
9	Electronic device			
10	Double mechanical seal with interposed oil chamber			
	Seal	Shaft	Location	Materials
	STA-13R	Ø 13 mm	Motor side	Ceramic / Graphite / NBR
	STA-13R SIC	Ø 13 mm	Pump side	Silicon carbide / Graphite / NBR
11	Capacitor			
12	Electric motor			
	<b>TOP MULTI-TECH:</b> single-phase 220 V - 60 Hz with winding integrated thermal motor protection.			
	– Continuous running duty S1			
	– Insulation: Class F			
	– Protection rating: IP X8			
13	Power cord			
	<b>Type 'H07 RN-F' with Schuko plug</b>			
	※ Standard length 10 metres			
14	Threaded connection 1¼"			
15	Ferrule and hose connector Ø 35 mm			
16	Anti-vibration feet			

