

-  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**

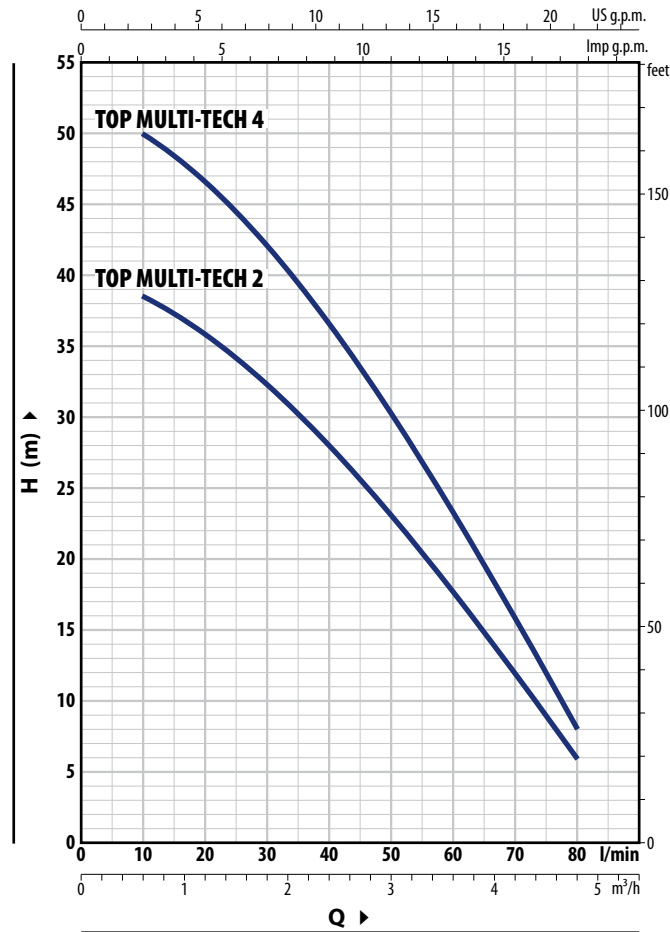
### PATENTS - TRADE MARKS - MODELS

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

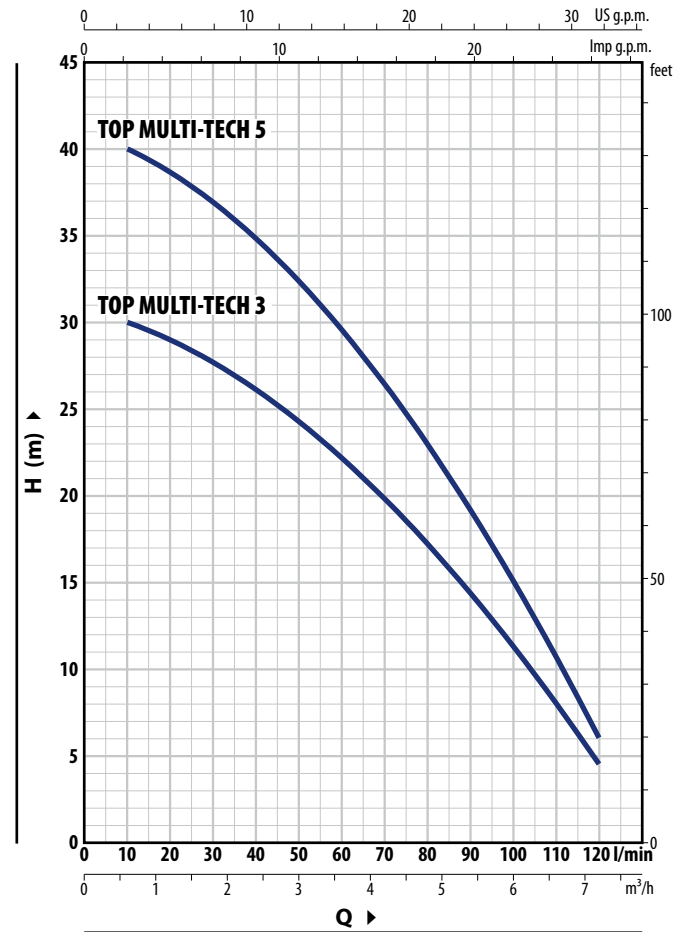
**CURVES AND PERFORMANCE DATA**

**50 Hz**

**TOP MULTI-TECH 2-4**



**TOP MULTI-TECH 3-5**



**TOP MULTI-TECH 2-4**

TYPE	POWER (P <sub>2</sub> )		Q	Flow rate											
	kW	HP		m <sup>3</sup> /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.5	4.8	
Single-phase			l/min	0	10	20	30	40	50	60	70	75	80		
TOP MULTI-TECH 2	0.55	0.75	H metres	40	38.5	36	32.5	28	23	17.7	12	9	6		
TOP MULTI-TECH 4	0.75	1		52	50	46.5	42	36.5	30.5	23.3	15.8	12	8		

**TOP MULTI-TECH 3-5**

TYPE	POWER (P <sub>2</sub> )		Q	Flow rate													
	kW	HP		m <sup>3</sup> /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.5	4.8	5.4	6	6.6
Single-phase			l/min	0	10	20	30	40	50	60	70	75	80	90	100	110	120
TOP MULTI-TECH 3	0.55	0.75	H metres	30.5	30	29	27.5	26	24.3	22.2	19.8	18.5	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	24.7	23	19.2	15	10.7	6

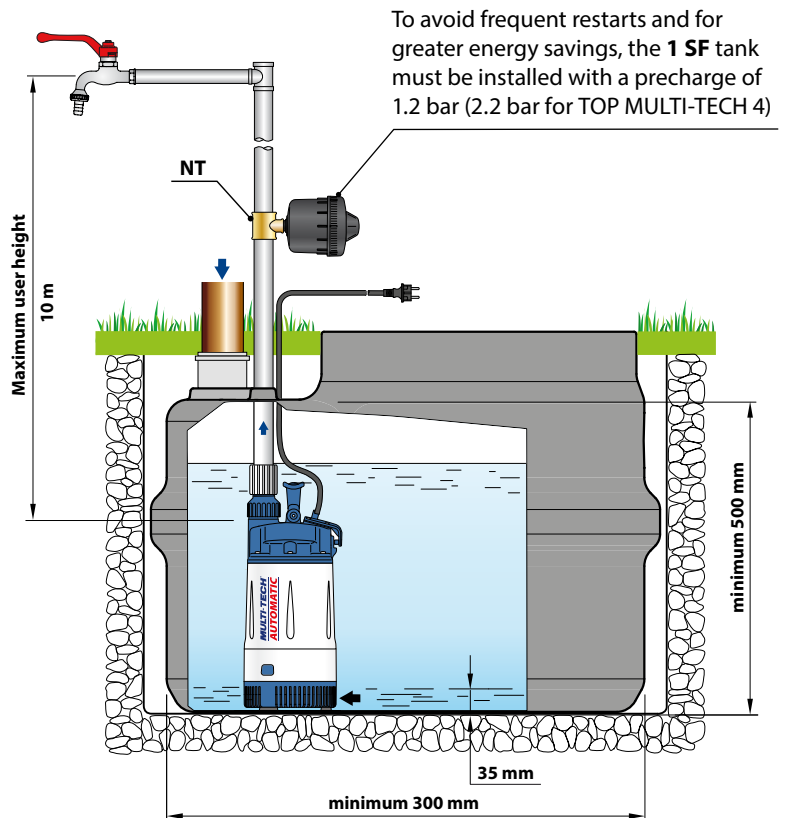
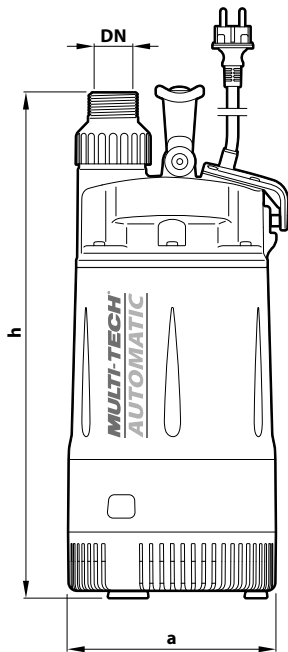
Q = Flow rate H = Total manometric head

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

**ABSORPTION**

TYPE	VOLTAGE
Single-phase	<b>230 V</b>
TOP MULTI-TECH 2	3.4 A
TOP MULTI-TECH 3	3.6 A
TOP MULTI-TECH 4	3.9 A
TOP MULTI-TECH 5	3.9 A

### DIMENSIONS AND WEIGHT



TYPE	PORT DN	DIMENSIONS mm		kg
		a	h	
TOP MULTI-TECH 2	1 1/4"	178	428	9.5
TOP MULTI-TECH 3			463	10.5
TOP MULTI-TECH 4				
TOP MULTI-TECH 5				



### PALLET CAPACITY

TYPE	NO. OF PUMPS
TOP MULTI-TECH 2	60
TOP MULTI-TECH 3	60
TOP MULTI-TECH 4	40
TOP MULTI-TECH 5	40

### Typical installation



### ACCESSORIES (CAN BE ORDERED SEPARATELY)

TYPE	Code	FITTING	CAPACITY	PRECHARGE	MAXIMUM WORKING PRESSURE
※ Tank 1 SF 	50057005	1/2" (male)	1 litre	1.2 bar	10 bar
3-way fitting NT 1.25 	500160001	1 1/4" - 1 1/4" - 1/2" gas	-	-	-

## MATERIALS AND COMPONENTS

<b>1</b>	<b>Delivery port</b>	Technopolymer
<b>2</b>	<b>Pump body</b>	Technopolymer
<b>3</b>	<b>Suction filter</b>	Technopolymer
<b>4</b>	<b>Diffuser vanes</b>	Technopolymer
<b>5</b>	<b>Motor sleeve</b>	Stainless steel <b>AISI 304</b>
<b>6</b>	<b>Impellers</b>	Noryl™
<b>7</b>	<b>Diffusers and stage boxes</b>	Noryl™
<b>8</b>	<b>Motor shaft</b>	Stainless steel <b>AISI 431</b>
<b>9</b>	<b>Electronic device</b>	

### 10 Double mechanical seal with interposed oil chamber

Seal	Shaft	Location	Materials
<b>STA-13R</b>	Ø 13 mm	Motor side	Ceramic / Graphite /NBR
<b>STA-13R SIC</b>	Ø 13 mm	Pump side	Silicon carbide / Graphite /NBR

### 11 Capacitor

### 12 Electric motor

**TOP MULTI-TECH:** single-phase 230 V - 50 Hz with winding integrated thermal motor protection.

- Continuous running duty S1
- Insulation: Class F
- Protection rating: IP X8

### 13 Power cord

**Type 'H07 RN-F' with Schuko plug**

※ Standard length 10 metres

### 14 Threaded connection 1¼"



### 15 Ferrule and hose connector Ø 35 mm



### 16 Anti-vibration feet

