



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 m³/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** 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**

AVAILABLE UPON REQUEST

- ※ Different voltage requirements 60 Hz frequency
- ※ TOP MULTI-TECH 4 with restart pressure **2.5 bar**

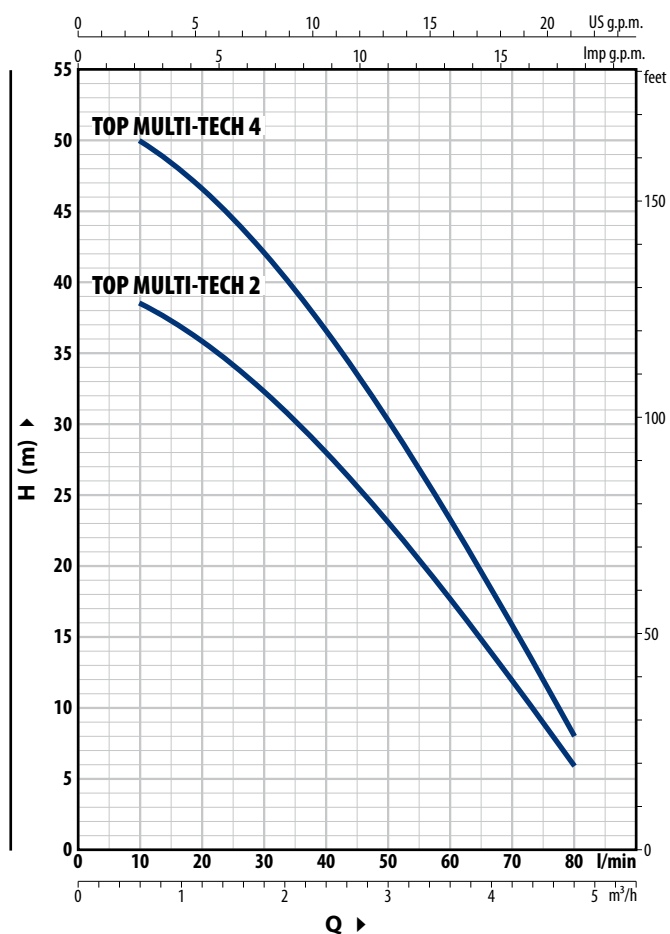
PATENTS - TRADE MARKS - MODELS

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

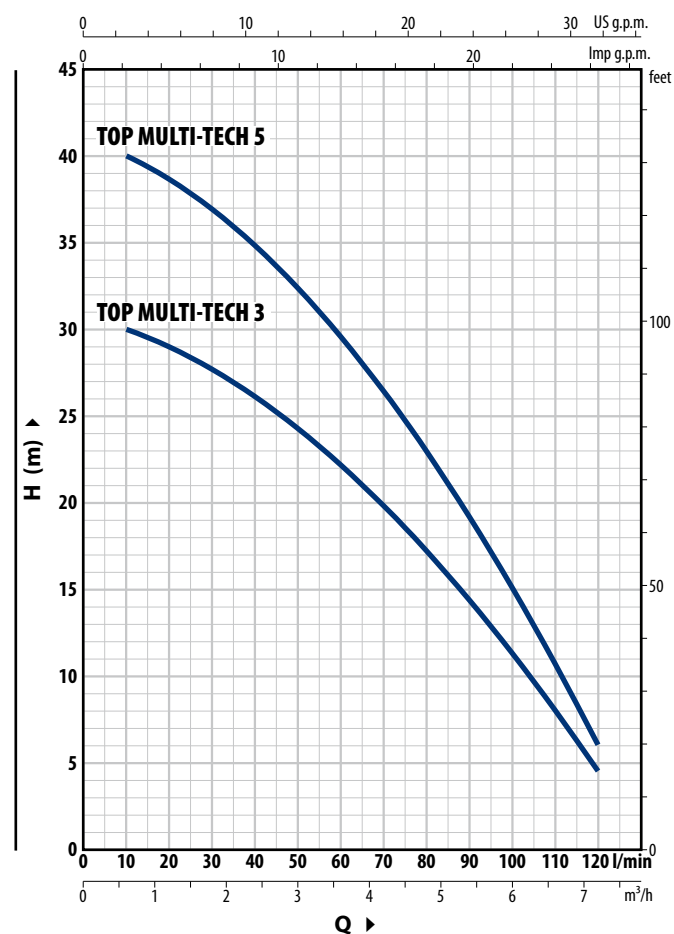
CURVES AND PERFORMANCE DATA

50 Hz

TOP MULTI-TECH 2-4



TOP MULTI-TECH 3-5



TOP MULTI-TECH 2-4

TYPE	POWER (P ₂)		Q	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.5	4.8
	kW	HP		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 ₂)		Q	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.5	4.8	5.4	6	6.6	7.2
	kW	HP		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

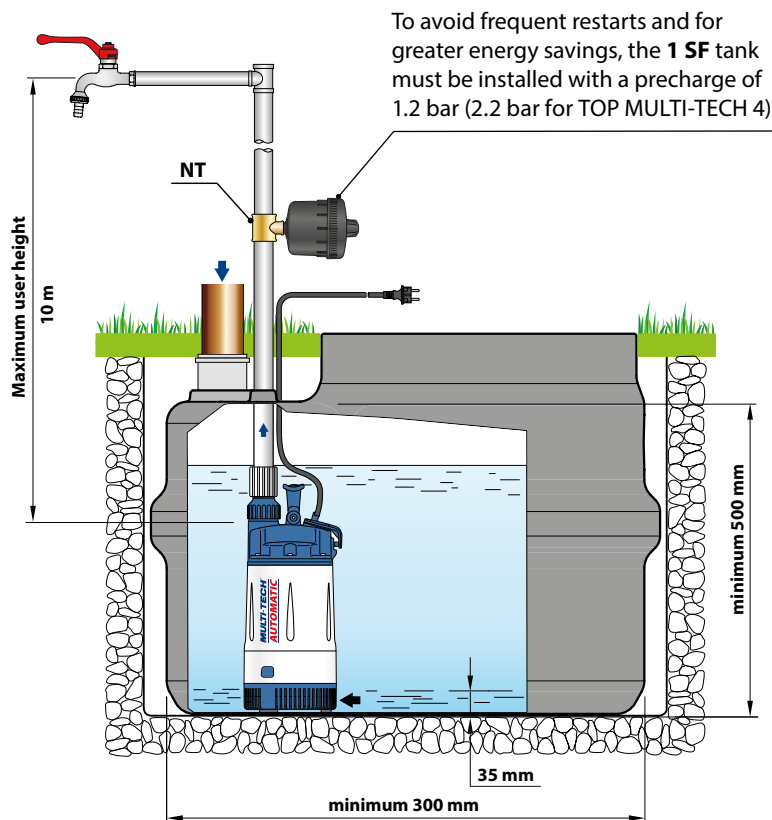
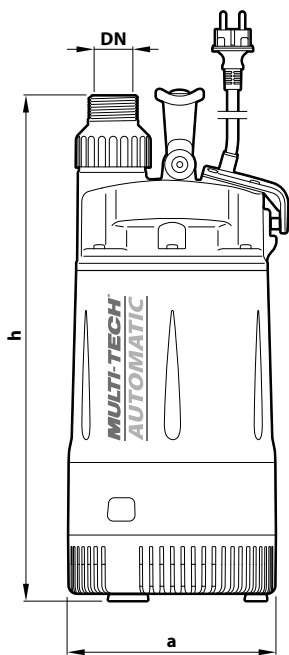
Q = Flow rate H = Total manometric head

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

ABSORPTION

TYPE	VOLTAGE
Single-phase	230 V
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

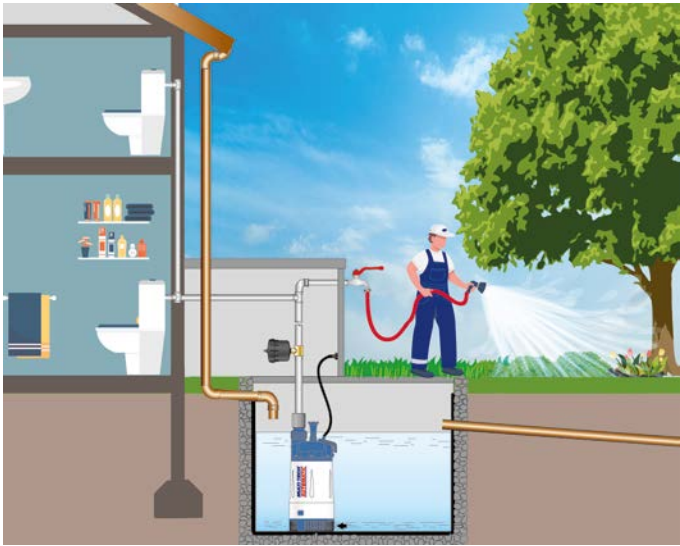


TYPE	PORT DN	DIMENSIONS mm		kg
		a	h	
TOP MULTI-TECH 2	1 1/4"	178	428	9.5
TOP MULTI-TECH 3				
TOP MULTI-TECH 4			463	10.5
TOP MULTI-TECH 5				

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

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

