

-  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 or frequency
- ※ TOP MULTI-TECH 4 with restart pressure **2.5 bar**

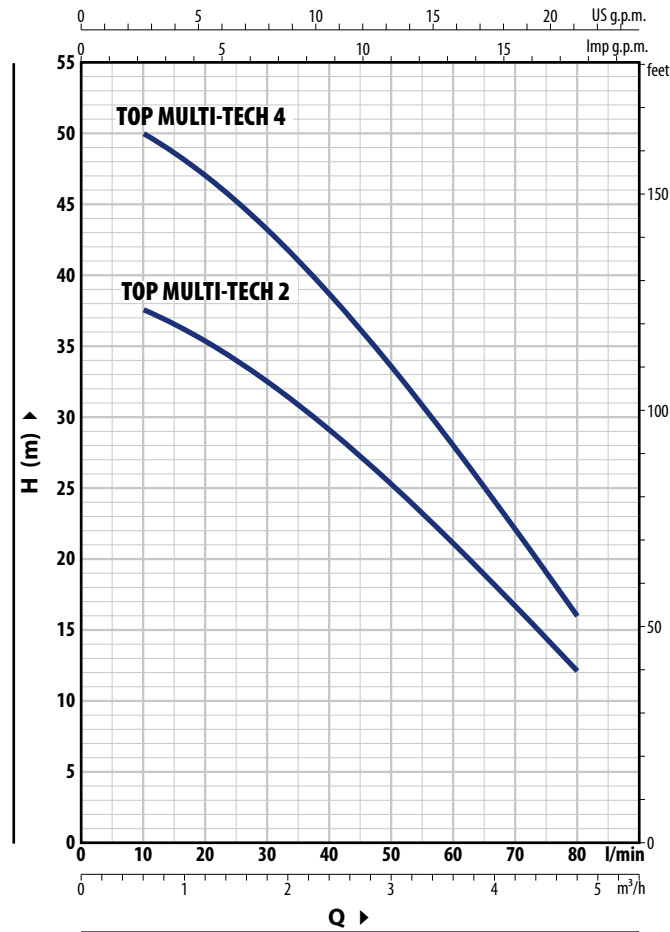
PATENTS - TRADE MARKS - MODELS

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

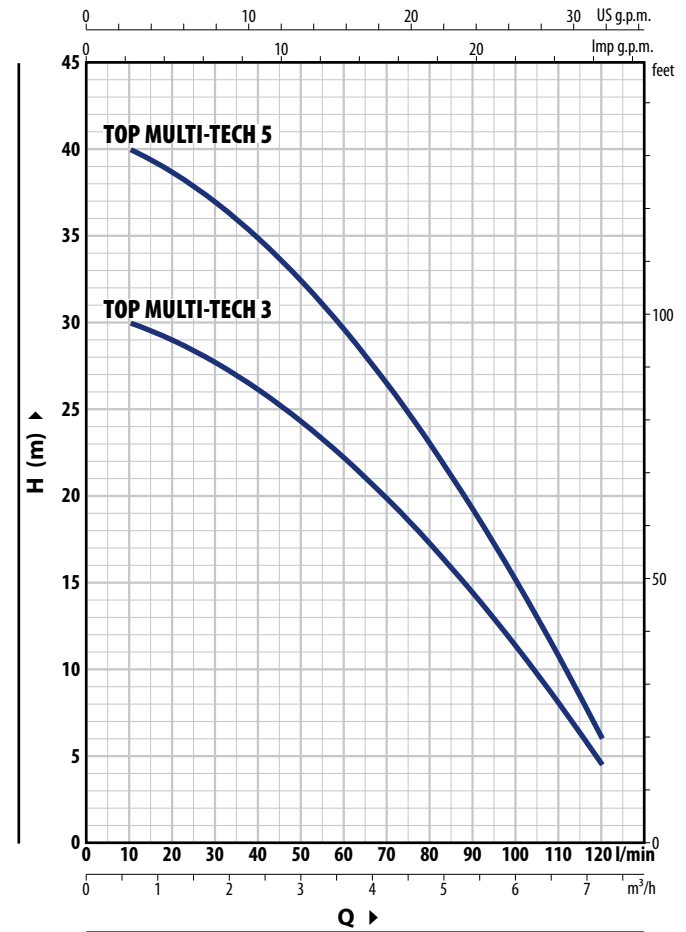
CURVES AND PERFORMANCE DATA

60 Hz

TOP MULTI-TECH 2-4



TOP MULTI-TECH 3-5



TOP MULTI-TECH 2-4

MODEL	POWER (P ₂)		Q											
	kW	HP		m ³ /h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	
Single-phase			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 ₂)		Q														
	kW	HP		m ³ /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			l/min	0	10	20	30	40	50	60	70	80	90	100	110	120	
TOP MULTI-TECH 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.

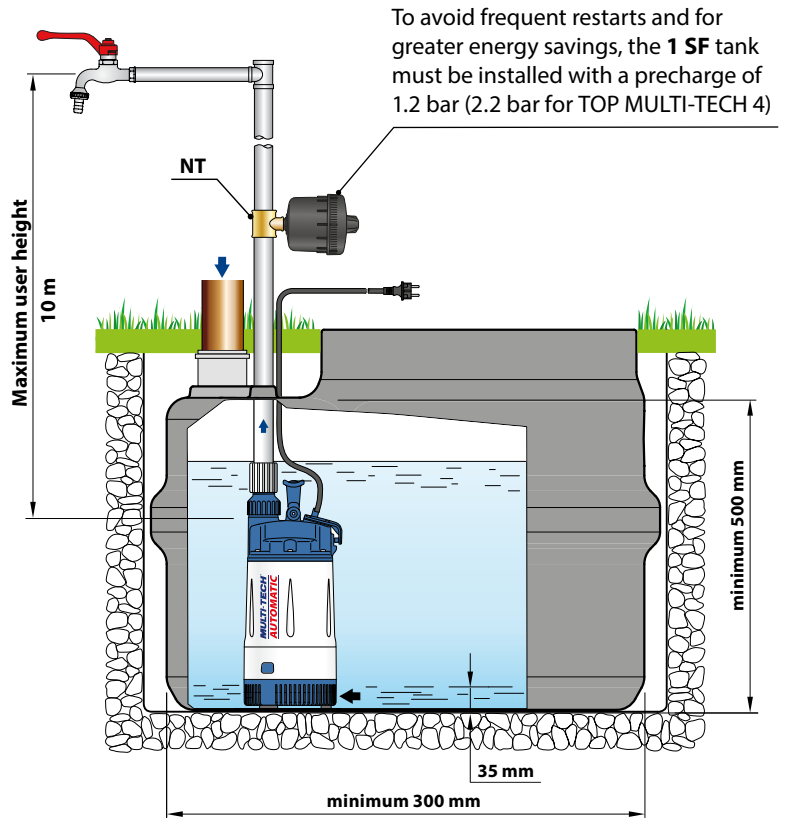
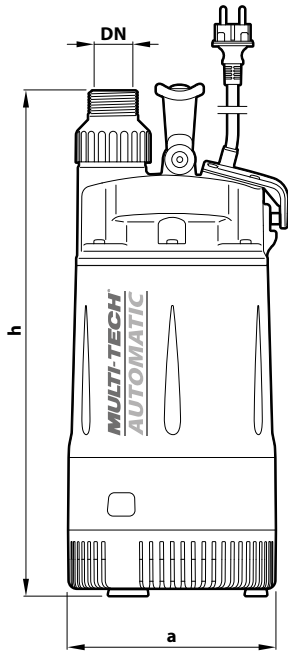
ABSORPTION

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

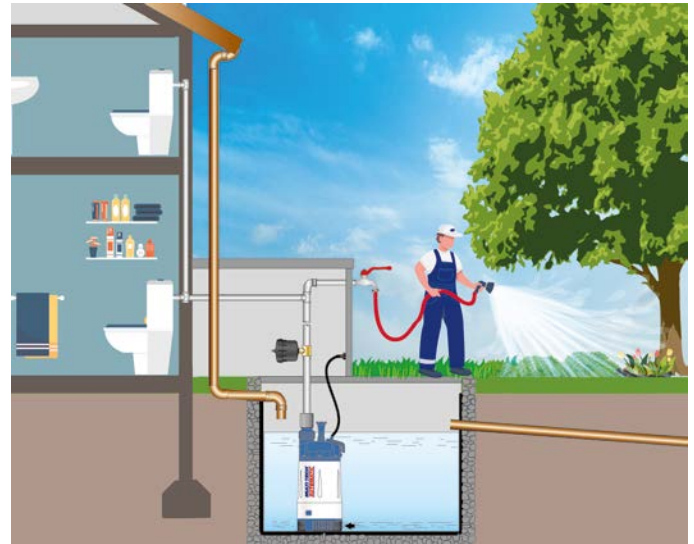


TYPE	PORT DN	DIMENSIONS mm		kg
		a	h	
TOP MULTI-TECH 2	1 1/4"	178	428	9.5
TOP MULTI-TECH 3			463	10.5
TOP MULTI-TECH 4				
TOP MULTI-TECH 5				



PALLET CAPACITY

TYPE	GROUPAGE	CONTAINER
	n. pumps	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	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 220 V - 60 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

