



- ✓ CLEAN WATER
- ✓ DOMESTIC USE
- ✓ CIVIL USE
- ✓ AGRICULTURAL USE

PERFORMANCE RANGE

- Flow rate up to **180 l/min** (10.8 m³/h)
- Head up to **97m**

APPLICATION LIMITS

- Liquid temperature up to **+40°C**
- Maximum sand content **150 g/m³**
- Maximum operating depth below water level up to **20m** (with an appropriately sized power cable)
- Vertical and horizontal operation

INSTALLATION AND USE

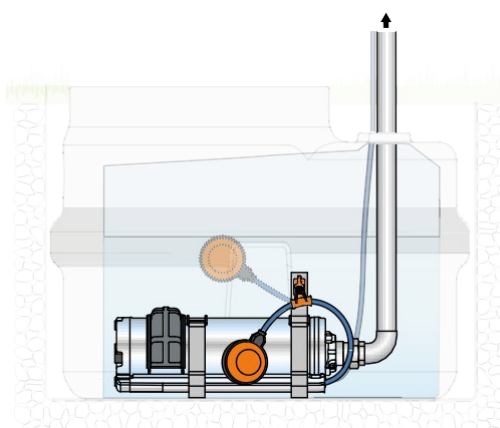
A series of multi-impeller submersible pumps engineered for enhance reliability, thanks to innovative patented solutions that prevent stalling even after prolonged periods of inactivity.

Highly efficient and reliable, these pumps are ideal for various applications, including water distribution in domestic, civil, and agricultural settings, particularly for water distribution in conjunction with pressure tanks, for irrigation, pressure boosting, and more.

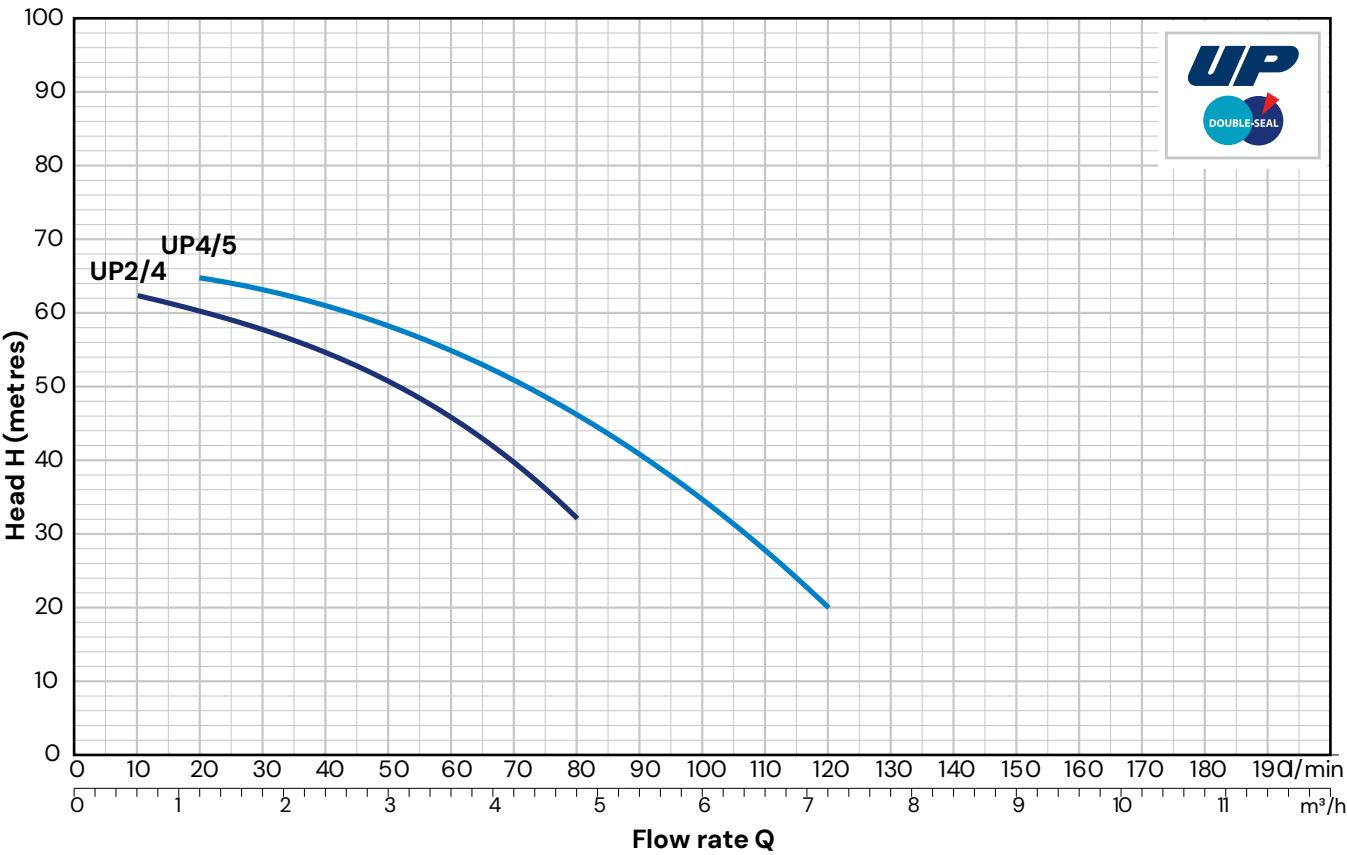
INCLUDES

- Float switch (exclusive to single-phase models)
- Power cable length **10m**
- **Support kit for horizontal operation****

Vertical Installation



CURVES & PERFORMANCE DATA



TYPE		POWER (P2)		Q m3/h l/min	0	0.6	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
Single-phase	Three-phase	kW	HP		0	10	20	40	60	80	100	120	140	160	180
UPm 2/4-GE	UP 2/4	0.75	1	H metres	64.5	62.5	60.5	54.5	46	32					
UPm 4/5-GE	UP 4/5	1.1	1.5		67	—	65	61	55	46.5	34.5	20			

Q = Flow rate H = Total manometric head

➡ On request single-phase pumps without float switch

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



ABSORPTION

TYPE	VOLTAGE
Single-phase	230 V
UP 2/4 GE	6.2 A
UP 4/5 GE	7.2 A

TYPE	VOLTAGE
Three-phase	400 V
UP 2/4	2.3 A
UP 4/5	2.8 A

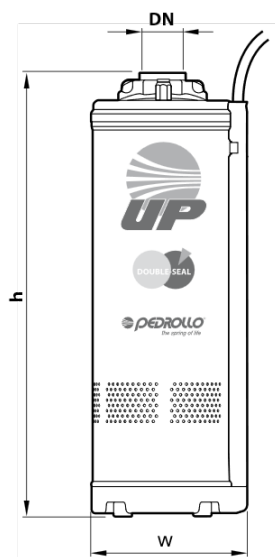
DIMENSIONS AND WEIGHT

TYPE		PORT DN	Dimensions mm		kg	
Single-phase	Three-phase		w	h	1~	3~
UPm 2/4 GE	–	1 1/4"	150	468	14.9	14.0
UPm 4/5 GE	NK 4/5			495	16.4	15.3

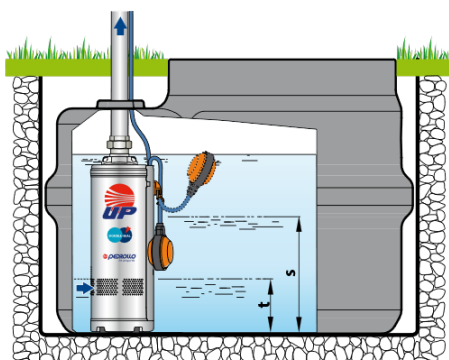
PALLET CAPACITY

TYPE		NO. OF PUMPS
Single-phase	Three-phase	
UP 2/4 GE	–	30
UP 4/5 GE	NK 4/5	25

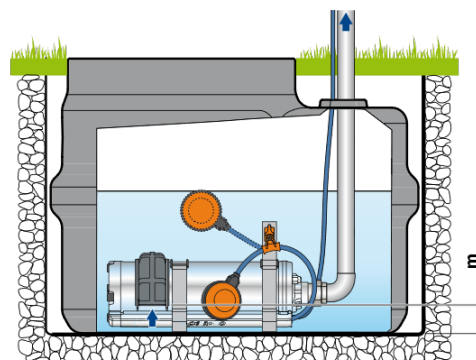
TYPE	LEVELS mm		
	s	t	m
UP 2/4 GE	340	113	55
UP 4/5 GE			



※ VERTICAL INSTALLATION



※ HORIZONTAL INSTALLATION



MATERIALS AND COMPONENTS

- | | |
|--|---|
| 1. Outer sleeve: | AISI 304 stainless steel, fitted with ISO 228/1 threaded delivery port |
| 2. Suction filter: | AISI 304 stainless steel, complete with anti-vibration feet |
| 3. Motor sleeve: | Stainless steel AISI 304 |
| 4. Impellers and diffusers: | Noryl™ |
| 5. Diaphragms: | Stainless steel AISI 304 |
| 6. Motor shaft: | Stainless steel AISI 431 |
| 7. Double mechanical seal with interposed oil chamber: | |

Seal	Shaft	Location	Materials
STA-17	Ø 17 mm	Motor side	Ceramic / Graphite / NBR
ST1-16	Ø 16 mm	Pump side	Silicon carbide / Graphite / NBR

8. Capacitor:

9. Electric motor:

UPm: single-phase 230 V – 50 Hz
with winding integrated thermal
motor protection

UP: three-phase 400 V – 50 Hz

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

10. Power cord:

⇒ **DRINCABLE®** type
approved for use in drinking water by **WRAS**
according to BS 6920, approval no. 7513

✂ Standard length 10 metres

11. Automatic vent valve:

12. Anti-vibration feet:

13. Float switch: (exclusive to single-phase models)

