

 Clean water

 Domestic use

 Civil use

 Agricultural use



PERFORMANCE RANGE

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

INSTALLATION AND USE

A series of multi-impeller submersible pumps engineered for enhanced 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.

APPLICATION LIMITS

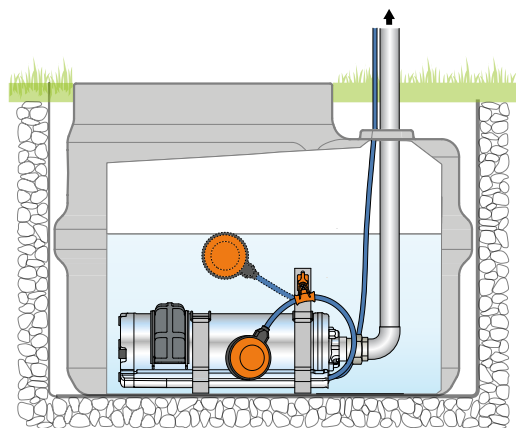
- Liquid temperature up to **+40 °C**
- Maximum sand content **150 g/m³**
- Maximum operating depth below water level up to **20 m** (with an appropriately sized power cable)
- Vertical and horizontal operation

INCLUDES

- ※ Float switch (exclusive to single-phase models)
- ※ Power cable length **10 m**

AVAILABLE UPON REQUEST

- ※ Pumps without float switch
- ※ **20 m** or **30 m** power cables
- ※ Different voltage requirements 60 Hz frequency
- ※ **Support kit for horizontal operation**

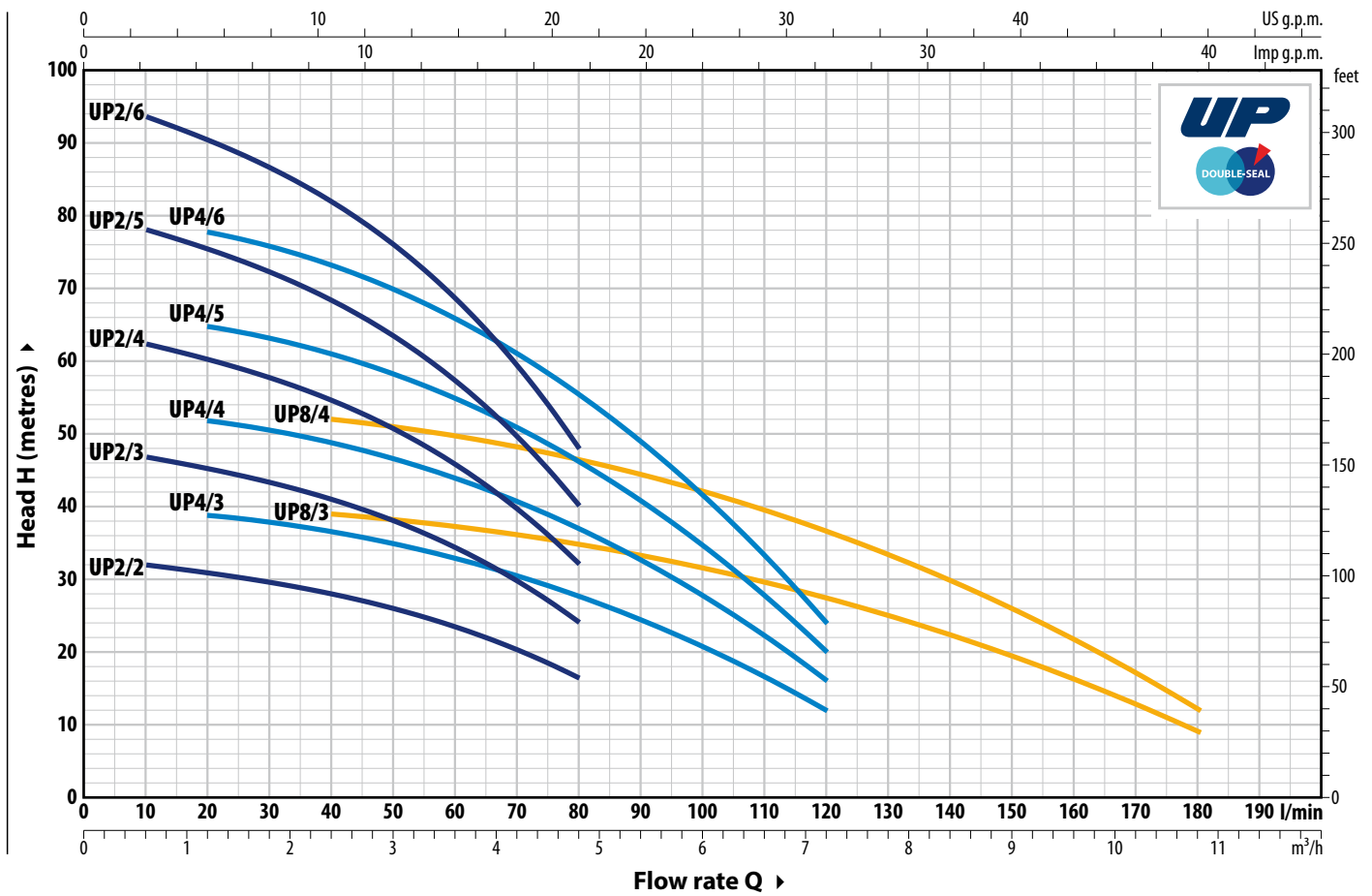


PATENTS - TRADE MARKS - MODELS

- Patent No. IT0001428923
- Patent No. EP2419642

CURVES AND PERFORMANCE DATA

50 Hz



TYPE		POWER (P ₂)		Q m ³ /h l/min	H metres													
Single-phase	Three-phase	kW	HP		0	0.6	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8			
UPm 2/2-GE	–	0.37	0.5	0	10	20	40	60	80	100	120	140	160	180				
UPm 2/3-GE	UP 2/3	0.55	0.75	33	32	31	28	23.5	16.4									
UPm 2/4-GE	UP 2/4	0.75	1	48.5	47	45	41	34.5	24									
UPm 2/5-GE	UP 2/5	1.1	1.5	64.5	62.5	60.5	54.5	46	32									
UPm 2/6-GE	UP 2/6	1.5	2	80	78	75	68.5	57	40									
UPm 4/3-GE	UP 4/3	0.55	0.75	97	94	90	82	68.5	48									
UPm 4/4-GE	UP 4/4	0.75	1	40	–	39	36.5	33	28	20.8	12							
UPm 4/5-GE	UP 4/5	1.1	1.5	53	–	52	49	44	37	28	16							
UPm 4/6-GE	UP 4/6	1.5	2	67	–	65	61	55	46.5	34.5	20							
UPm 8/3-GE	UP 8/3	1.1	1.5	80	–	78	73	66	55.5	41.5	24							
UPm 8/4-GE	UP 8/4	1.5	2	40.5	–	–	39	37.5	35	31.5	27.5	22.3	16.2	9				
				54	–	–	52	49.5	46.5	42	36.5	29.5	21.6	12				

Q = Flow rate H = Total manometric head

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

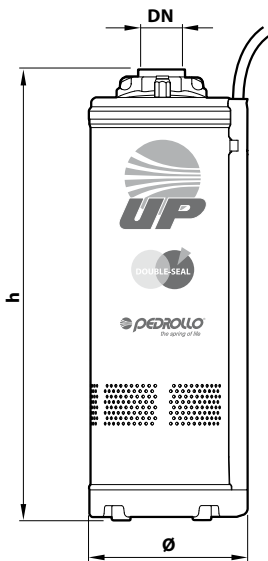
➡ On request single-phase pumps without float switch

ABSORPTION

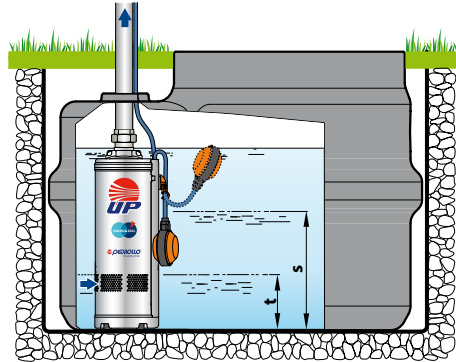
TYPE	VOLTAGE
Single-phase	230 V
UPm 2/2-GE	4.4 A
UPm 2/3-GE	5.4 A
UPm 2/4-GE	6.2 A
UPm 2/5-GE	7.6 A
UPm 2/6-GE	8.8 A
UPm 4/3-GE	5.0 A
UPm 4/4-GE	6.2 A
UPm 4/5-GE	7.2 A
UPm 4/6-GE	8.7 A
UPm 8/3-GE	6.8 A
UPm 8/4-GE	8.5 A

TYPE	VOLTAGE
Three-phase	400 V
UP 2/3	1.9 A
UP 2/4	2.3 A
UP 2/5	2.9 A
UP 2/6	3.3 A
UP 4/3	1.8 A
UP 4/4	2.2 A
UP 4/5	2.8 A
UP 4/6	3.2 A
UP 8/3	2.7 A
UP 8/4	3.3 A

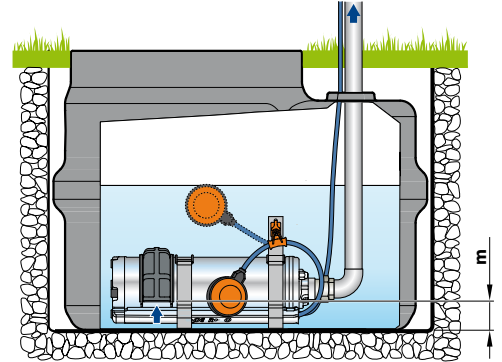
DIMENSIONS AND WEIGHT



※ VERTICAL INSTALLATION



※ HORIZONTAL INSTALLATION



TYPE		PORT DN	DIMENSIONS mm		kg	
Single-phase	Three-phase		Ø	h	1~	3~
UPm 2/2-GE	-	1 1/4"	150	384	12.8	12.5
UPm 2/3-GE	UP 2/3			411	13.1	13.3
UPm 2/4-GE	UP 2/4			468	14.9	14.0
UPm 2/5-GE	UP 2/5			495	16.5	15.3
UPm 2/6-GE	UP 2/6			542	18.0	16.7
UPm 4/3-GE	UP 4/3			411	13.2	12.9
UPm 4/4-GE	UP 4/4			468	14.8	13.4
UPm 4/5-GE	UP 4/5			495	16.4	15.3
UPm 4/6-GE	UP 4/6			542	18.1	16.9
UPm 8/3-GE	UP 8/3			441	15.2	14.2
UPm 8/4-GE	UP 8/4			488	17.0	15.8

TYPE	LEVELS mm		
	s	t	m
UP 2/2 UP 2/3 UP 4/3	310		
UP 2/4 UP 2/5 UP 4/4 UP 4/5 UP 8/3	340	113	55
UP 2/6 UP 4/6 UP 8/4	360		

s = Minimum restart level
t = Draining capability
m = Minimum operating level

PALLET CAPACITY

TYPE		NO. OF PUMPS
Single-phase	Three-phase	
UPm 2/2-GE	-	30
UPm 2/3-GE	UP 2/3	30
UPm 2/4-GE	UP 2/4	30
UPm 2/5-GE	UP 2/5	25
UPm 2/6-GE	UP 2/6	25
UPm 4/3-GE	UP 4/3	30
UPm 4/4-GE	UP 4/4	30
UPm 4/5-GE	UP 4/5	25
UPm 4/6-GE	UP 4/6	25
UPm 8/3-GE	UP 8/3	30
UPm 8/4-GE	UP 8/4	30

