



Sewage



Domestic use



Civil use



Industrial use

## ※ The Go-To Pump for Demanding Conditions and Performance Requirements



### PERFORMANCE RANGE

- Flow rate up to **750 l/min** (45 m<sup>3</sup>/h)
- Head up to **15.5 m**

### INSTALLATION AND USE

**VX** pumps are renowned for their reliability, especially in automated fixed installations.

Ideal for **domestic, civil, and industrial settings**, they efficiently handle suspended solids up to 50 mm in diameter, including in **groundwater, surface water, and sewage**.

They are also perfect for pumping out flooded areas like basements, underground parking garages, car wash stations, and emptying septic tanks and sewage systems.

※ The VORTEX impeller can handle solids up to **50 mm** in diameter. Its unique design ensures safe operation against clogging.

### INCLUDES

- ※ Power cable length:
  - **5 m** for VX 8 and VX 10
  - **10 m** for VX 15 and VX 20
- ※ Float switch (exclusive to single-phase models)

### APPLICATION LIMITS

- Depth below water level up to **5 m** (with an appropriately sized power cable)
- Liquid temperature up to **+40 °C**
- Suspended solids transfer:
  - up to **Ø 40 mm** for VX /35
  - up to **Ø 50 mm** for VX /50
- **Minimum immersion for continuous service:**
  - **290 mm for VX 8 and VX 10**
  - **330 mm for VX 15**
  - **360 mm for VX 20**

### AVAILABLE UPON REQUEST

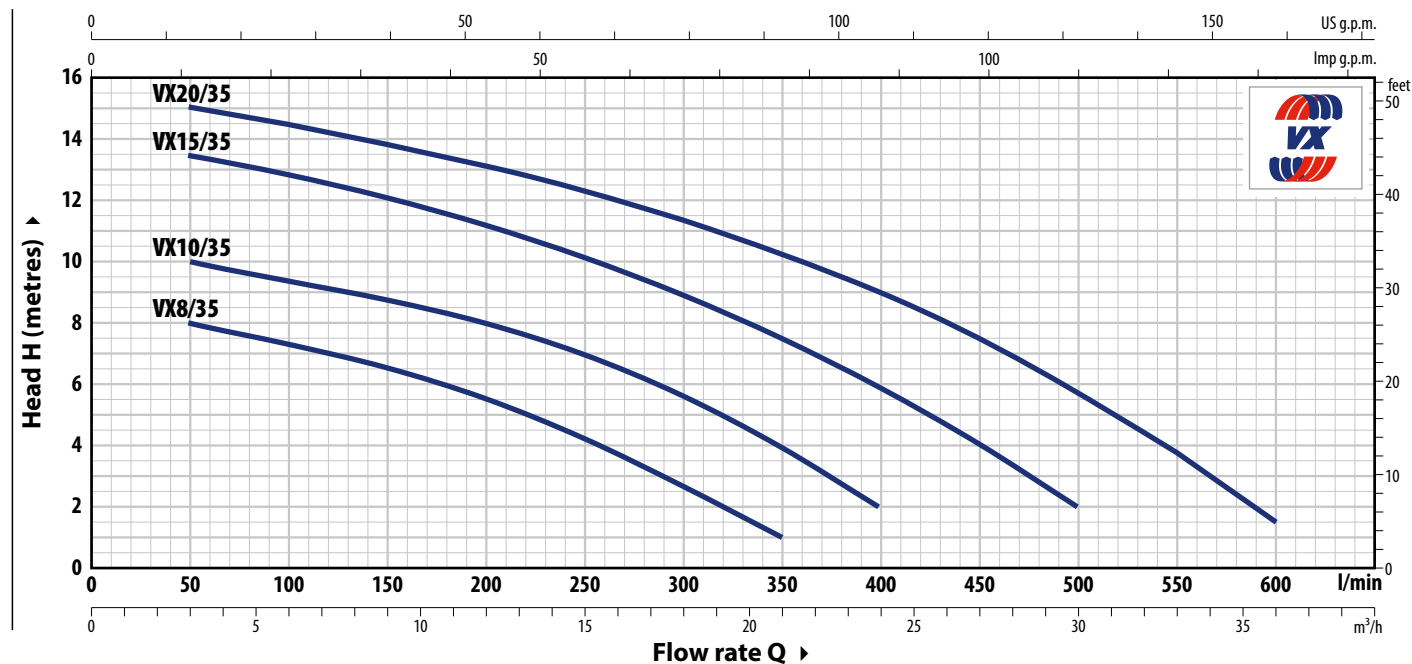
- ※ Pumps with **10 m** power cable for VX 8 and VX 10
- ※ Different voltage requirements 60 Hz frequency

### PATENTS - TRADE MARKS - MODELS

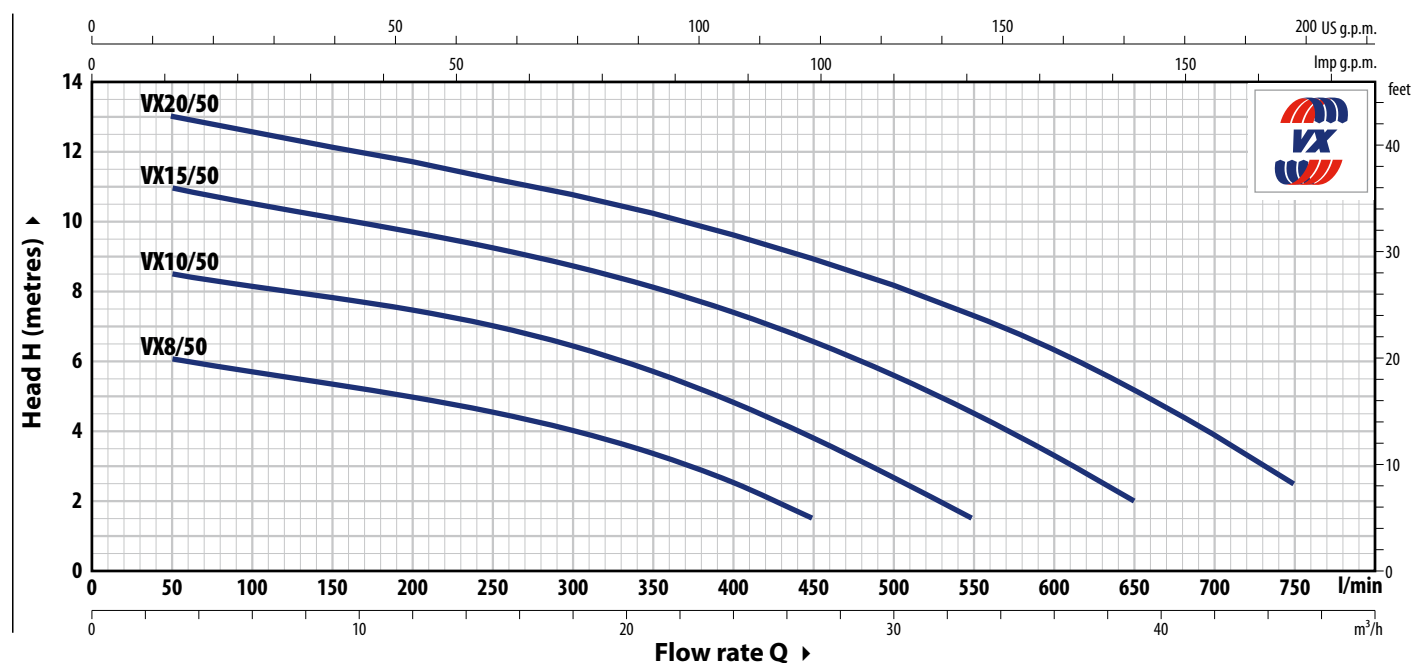
- Patent No. EP2313658
- Patent No. IT0001428923

## CURVES AND PERFORMANCE DATA

50 Hz



TYPE		POWER (P <sub>2</sub> )		Q														
Single-phase	Three-phase	kW	HP		m³/h	0	3	6	12	18	21	24	27	30	33	36		
					l/min	0	50	100	200	300	350	400	450	500	550	600		
VXm 8/35	VX 8/35	0.55	0.75	H metres		9	8	7.5	5.5	2.7	1							
VXm 10/35	VX 10/35	0.75	1			11	10	9.5	8	5.7	4	2						
VXm 15/35	VX 15/35	1.1	1.5			14	13.5	12.8	11.2	9	7.7	6	4	2				
VXm 20/35	VX 20/35	1.5	2			15.5	15	14.5	13	11.5	10.3	9	7.5	5.8	3.8	1.5		



TYPE		POWER (P <sub>2</sub> )		Q														
Single-phase	Three-phase	kW	HP		m³/h	0	3	6	12	18	24	27	30	33	36	39	45	
					l/min	0	50	100	200	300	400	450	500	550	600	650	750	
VXm 8/50	VX 8/50	0.55	0.75	H metres		6.5	6	5.8	5	4	2.5	1.5						
VXm 10/50	VX 10/50	0.75	1			9	8.5	8.2	7.5	6.5	5	3.8	2.5	1.5				
VXm 15/50	VX 15/50	1.1	1.5			11.5	11	10.5	9.8	8.7	7.5	6.5	5.5	4.5	3.5	2		
VXm 20/50	VX 20/50	1.5	2			13.5	13	12.5	11.5	10.7	9.5	9	8	7.5	6.5	5	2.5	

Q = Flow rate H = Total manometric head

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