



Dirty water



Domestic use

※ TOP-VORTEX

**Drainage pumps:
reliable and durable**



PERFORMANCE RANGE

- Flow rate up to **170 l/min** (10.2 m³/h)
- Head up to **8.7 m**

INSTALLATION AND USE

TOP-VORTEX pumps are suitable for draining clear water without abrasive particles that will not damage the pump's components. Construction features ensure user-friendly and safe operation, including motor cooling and a double shaft seal.

These pumps are particularly well-suited for domestic applications, including draining dirty water, emptying tanks, managing domestic drains, and clearing sumps, even in the presence of suspended solids of up to 25 mm in diameter.

APPLICATION LIMITS

- Maximum operating depth below water level up to **3 m** (with an appropriately sized power cable)
- Liquid temperature up to **+40 °C** and up to **+90 °C** for short bursts (up to 3 minutes max) for intermittent service
- Capable of processing suspended solids up to **Ø 25 mm**
- Draining capability up to **25 mm** from the bottom

INCLUDES

- ※ **5 m** power cable
- ※ Float switch

PATENTS - TRADE MARKS - MODELS

- Patent No. IT0001428923
- Registered Community Model No. 342159-0011

AVAILABLE UPON REQUEST

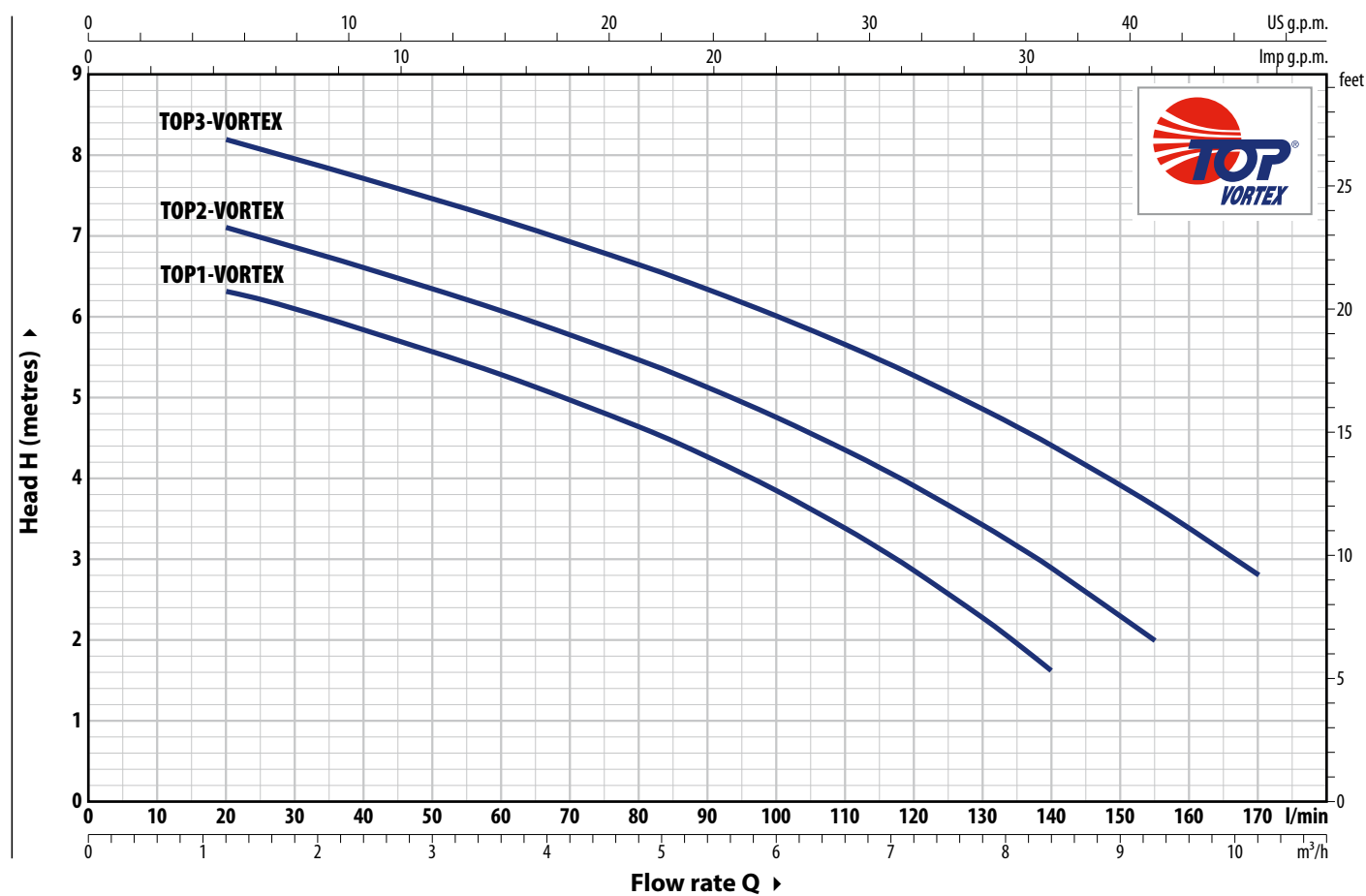
- ※ Mechanical seal options available
- ※ Pumps with **10 m** power cable
- ※ Different voltage requirements 60 Hz frequency
- ※ **TOP-VORTEX/GM** " pumps with magnetic float operation (suitable for small sumps)



※ **TOP-VORTEX/GM**

CURVES AND PERFORMANCE DATA

50 Hz



TYPE Single-phase	POWER (P ₂)		Q m ³ /h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.3	10.2
	kW	HP		0	20	40	60	80	100	120	140	155	170
TOP 1 - VORTEX	0.25	0.33	H metres	7	6.3	5.8	5.3	4.6	3.8	2.8	1.6		
TOP 2 - VORTEX	0.37	0.50		7.6	7	6.6	6	5.5	4.8	4	3	2	
TOP 3 - VORTEX	0.55	0.75		8.7	8.2	7.7	7.2	6.7	6	5.3	4.4	3.7	2.8

Q = Flow rate H = Total manometric head

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

ABSORPTION

TYPE Single-phase	VOLTAGE 230 V
TOP 1 - VORTEX	1.5 A
TOP 2 - VORTEX	2.0 A
TOP 3 - VORTEX	2.9 A