

VX

Vortex 2"

VORTEX submersible pumps for professional use, particularly reliable with generous motor specification and hard-faced mechanical seal. The proven VORTEX system allows the clearing of dirty water containing suspended solids.



RANGE OF PERFORMANCE

Capacity up to 132 gpm
Head up to 36 ft

LIMITS OF USE

Depth up to 15 ft
Liquid temperature up to 104°F
Solid handling up to 2"
For continuous duty: minimum immersion 11" from pump base

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1	EN 60034-1
IEC 335-1	IEC 34-1
CEI 61-150	CEI 2-3



INSTALLATION AND USE

THEY ARE RECOMMENDED FOR DOMESTIC, CIVIL AND INDUSTRIAL USE, IN APPLICATIONS WHERE THE WATER CONTAINS SUSPENDED SOLIDS WITH DIMENSIONS UP TO Ø 2 plg. THEIR USE IS RECOMMENDED FOR DRYING FLOODED AREAS SUCH AS CELLARS, UNDERGROUND CAR PARKS, CAR WASHING AREAS, OR DOMESTIC DRAINS AND FOR EMPTYING CESSPITS OR SEWAGE DISPOSAL. THESE PUMPS ARE OUTSTANDING IN THEIR RELIABILITY IN FIXED INSTALLATIONS WITH AUTOMATIC OPERATION.

GUARANTEE 2 YEAR subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

DELIVERY BODY: cast iron, with threaded port
MOTOR CASING: stainless steel AISI 304.
Base: stainless steel AISI 304.
IMPELLER: stainless steel AISI 304.
MOTOR SHAFT: stainless steel EN 10088-3 - 1.4104.
DOUBLE SEAL: mechanical seal silicon carbide - NBR, with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.
MOTOR: submersible asynchronous for continuous duty.
VX: single-phase 115 V or 230V - 60 Hz with capacitor and thermal overload protector.
VX: three-phase 230V - 60 Hz.
INSULATION: class F. • **PROTECTION:** IP 68.

REGISTERED MODEL n° 72765.

STANDARD FEATURES:

- VX** (single-phase) Float switch. Neoprene power cord "H07 RN-F" length 30 ft.
- VX** (three-phase) Neoprene power cord "H07 RN-F" length 30 ft.

OPTIONS ON REQUEST

15 ft power cord
single-phase pumps without float switch
other voltages or frequency 50 Hz

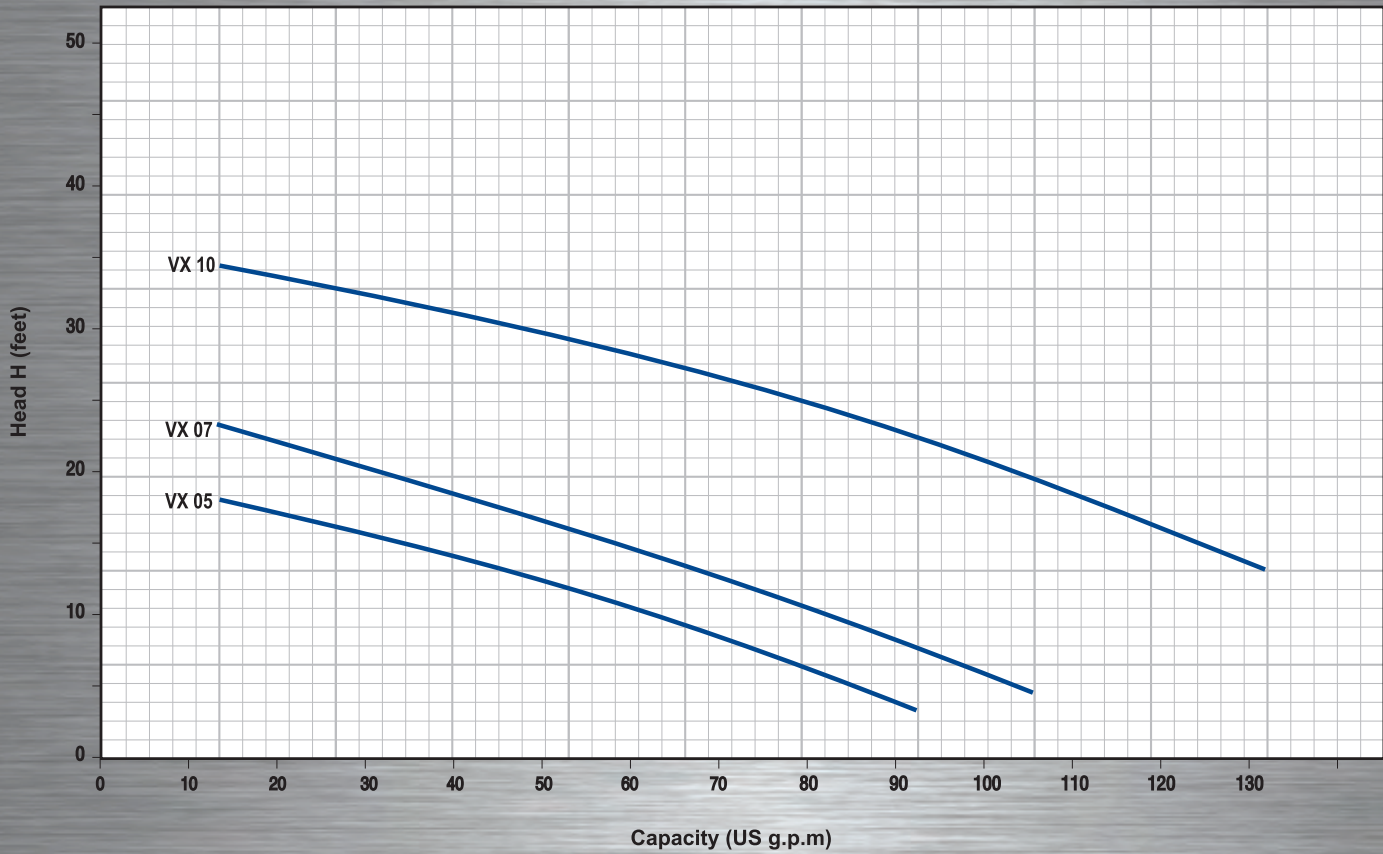


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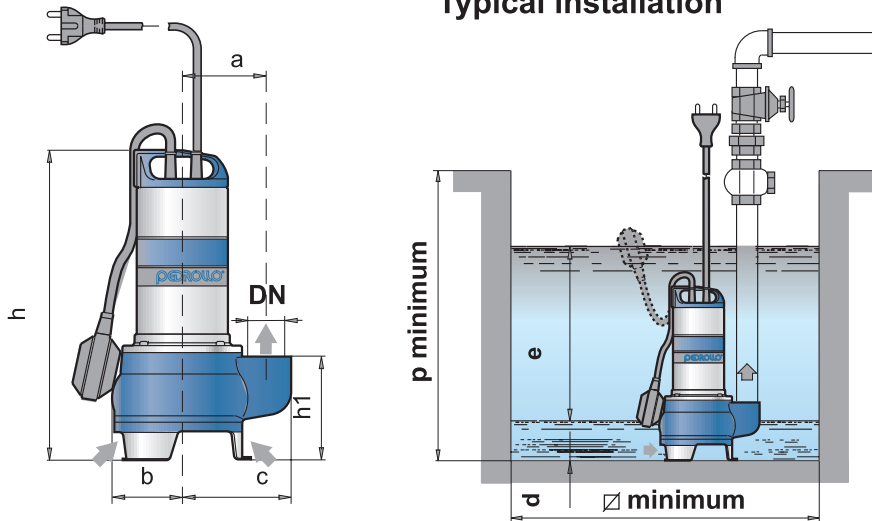
CURVES AND PERFORMANCE DATA



MODEL		HP	CAPACITY GPM	0	13	26	40	53	66	79	93	106	119	132
1 PH	3PH			H Feet										
VX 05		0.5		20	18	16	14	12	9	7	3			
VX 07	VX 07	0.7		25	23	21	19	16	13	10	8	5		
VX 10	VX 10	1		36	34	33	31	30	27	25	22	20	16	13

DIMENSIONS AND WEIGHTS

Typical installation



MODEL		DISCH	Passage of Solids bodies	DIMENSIONS INCHES										LBS	
1 PH	3PH	DN		a	b	c	h	h1	d	e	p	Ømin	1~	3~	
VX 05		2"	2"	4.3	3.5	5.9	16.1	6.0	2.2	Adjustable	19.7	19.7	29.6		
VX 07	VX 07			4.7	3.8	6.4	16.9	6.2	2.6				30.7	26.7	
VX 10	VX 10			4.7	3.8	6.4	16.9	6.2	2.6				35.6	33.2	