

RXV

effluent vortex pumps

Robust high-quality VORTEX submersible pumps in stainless steel. The proven VORTEX system allows the clearing of dirty water containing suspended solids.



RANGE OF PERFORMANCE

Capacity up to 66 gpm
Head up to 30 ft

LIMITS OF USE

Depth up to 30 Ft
Liquid temperature up to 120°F - continuous duty.
Solids Handling up to 3/4" for 0.33 hp
Drainage level from the bottom:
1" for 0.33 Hp

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

RX-VORTEX PUMPS ARE SUITABLE FOR DRAINING DIRTY WATER. THE CONSTRUCTION GUARANTEES SIMPLE AND SAFE OPERATION, DUE TO THE COMPLETE COOLING OF THE MOTOR BY THE PUMPED WATER. THEY ARE RECOMMENDED FOR DOMESTIC USE, FOR DRAINING DIRTY WATER CONTAINING SUSPENDED SOLIDS.

GUARANTEE 2 YEAR subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

DELIVERY BODY: stainless steel AISI 304, with threaded port

SUCTION GRID: stainless steel AISI 304.

IMPELLER: stainless steel AISI 304.

MOTOR SUPPORT: 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 single-phase for continuous duty.

RXV: single-phase 115V or 230 V - 60 Hz with capacitor and thermal overload protector.

INSULATION: class F. • **PROTECTION:** IP 68.

REGISTERED MODEL

STANDARD FEATURES:

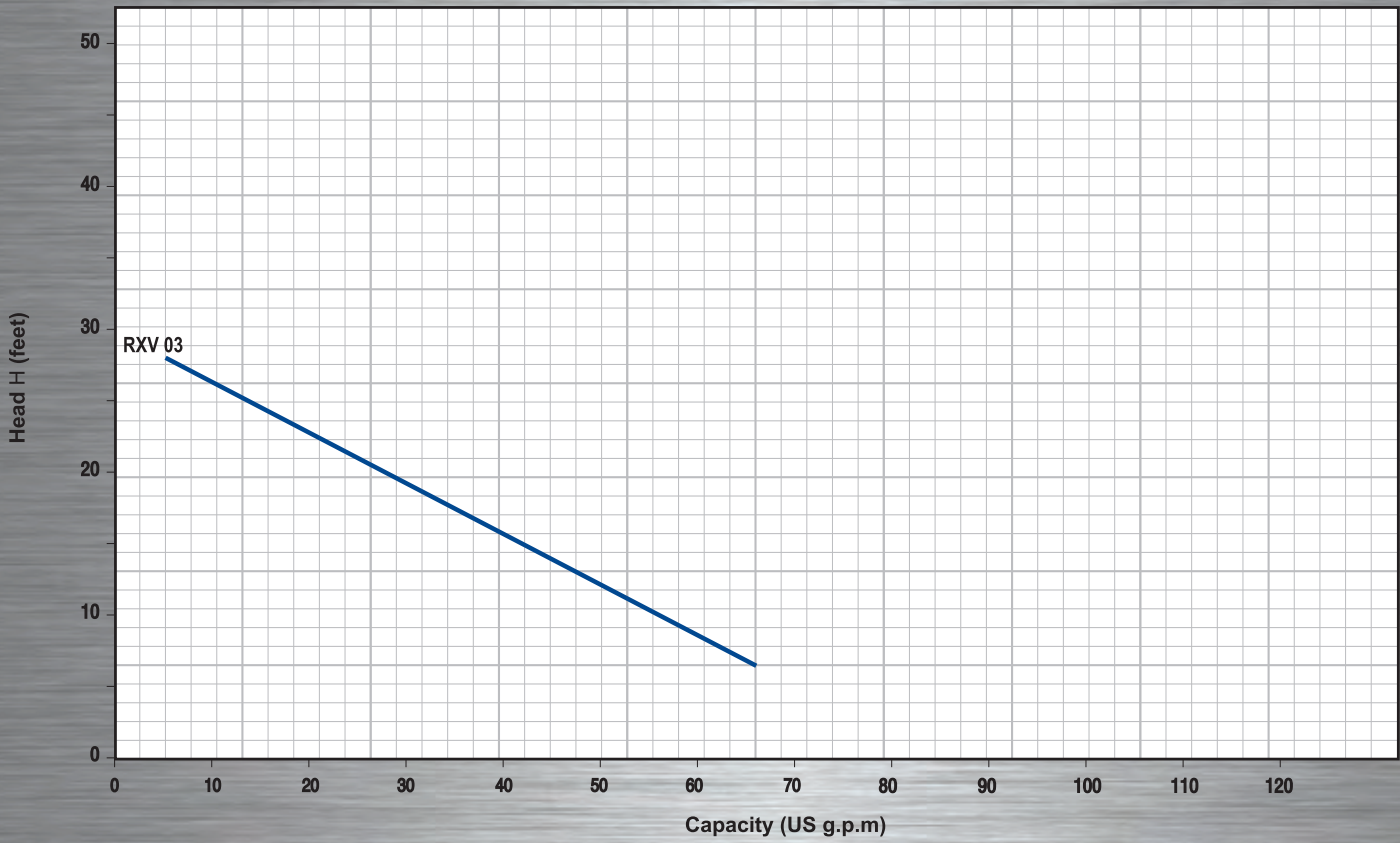
RXV (single-phase) float switch.
Neoprene power cord "H05 RN-F"
length 30 feet.

OPTIONS ON REQUEST

special mechanical seal
15 ft power cord.
other voltages or frequency 50 Hz

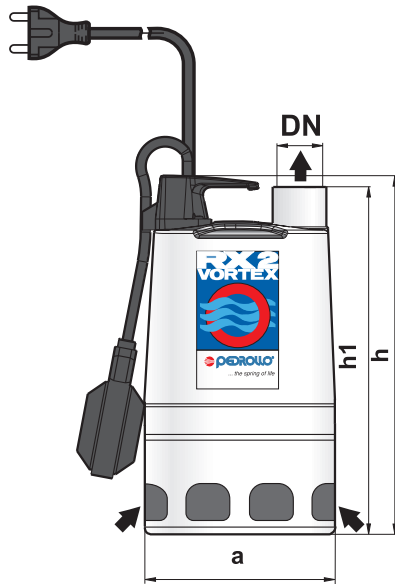


CURVES AND PERFORMANCE DATA

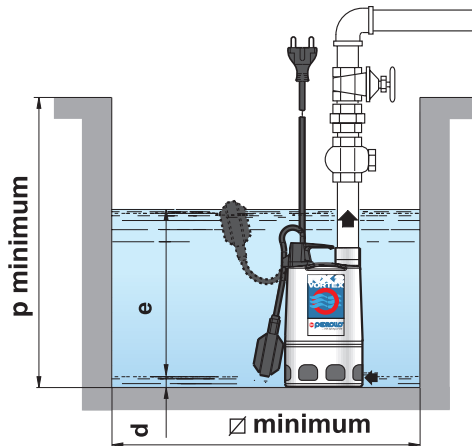


MODEL	HP	CAPACITY GPM	0	5	10	15	21	26	31	37	42	47	52	66
1 PH														
RXV 03	0.33	H Feet	30	28	26	24	22	21	19	17	15	13	11	7

DIMENSIONS AND WEIGHTS



Typical single-phase installation



MODEL	DISCH	DIMENSIONS INCHES							LBS
1 PH	DN	a	h	h1	d	e	p	Ø min	1~
RXV 03	1 1/4"	5.8	10.0	9.7	0.7	Adjustable	13.8	13.8	13