

SUBMERSIBLE PUMPS

Drainage & Vortex Submersibles

HV SERIES

HV180-VORTEX



HV180-AV with a vertical magnetic switch

APPLICATION

- Stormwater
- Septic treatment systems
- Waste / Greywater transfer
- Sump draining

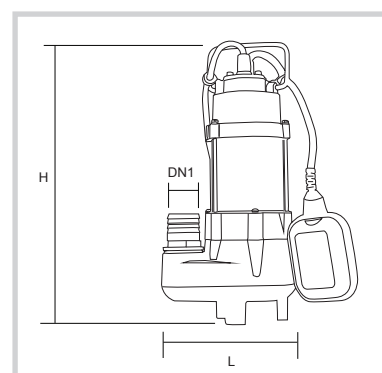
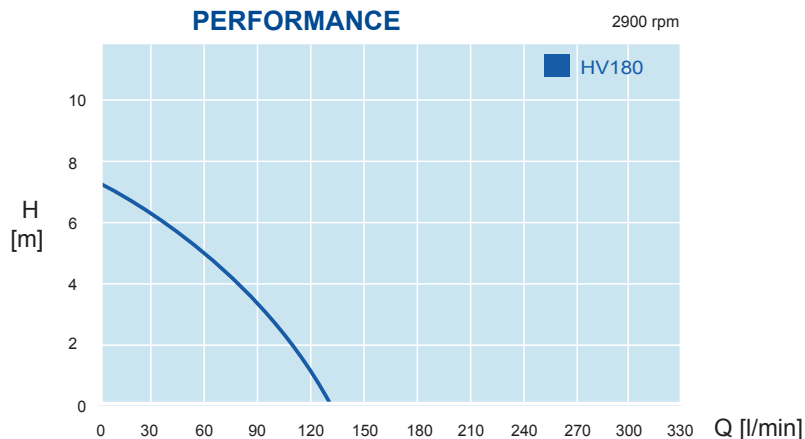
FEATURES

- Stainless steel motor and pump shaft
- Double mechanical seal with oil barrier and lip seal
- Soft solids handling up to 15mm
- 10m power cable
- Thermal overload protection

CONSTRUCTION

- Pump body: Cast iron
- Motor shaft: Stainless steel AISI 304
- Impeller: Technopolymer
- Mechanical seal: Double Ceramic – Graphite + Oil barrier
- Motor IP68 – Insulation class B
- Electric power cable HO5RN 10m with 3 pin

PERFORMANCE



DIMENSIONS

Pump Model	Size (mm)		DN1	G.W (KG)
	H	L		
HV180	340	160	32F	9.5
HV180-AV	340	230	32F	9.5

TECHNICAL DATA

Pump Model	Power (P2) (kW)	Amps (A)	Max. FLOW (L/min)	Max. HEAD (m)	Cable (m)	Pump Style	Outlet	Solids Passage (mm)
HV180	0.18	1.5	133	7	10	Vortex	1-1 1/4"	15



HV450- VORTEX



HV750- VORTEX



APPLICATION

- Stormwater
- Septic treatment systems
- Waste / Greywater transfer
- Sump draining

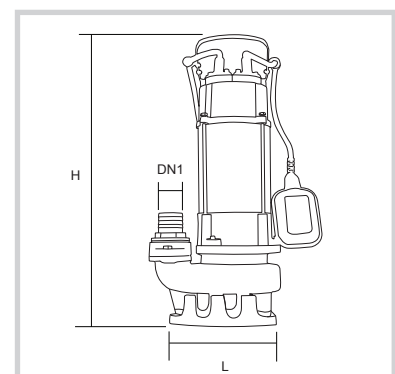
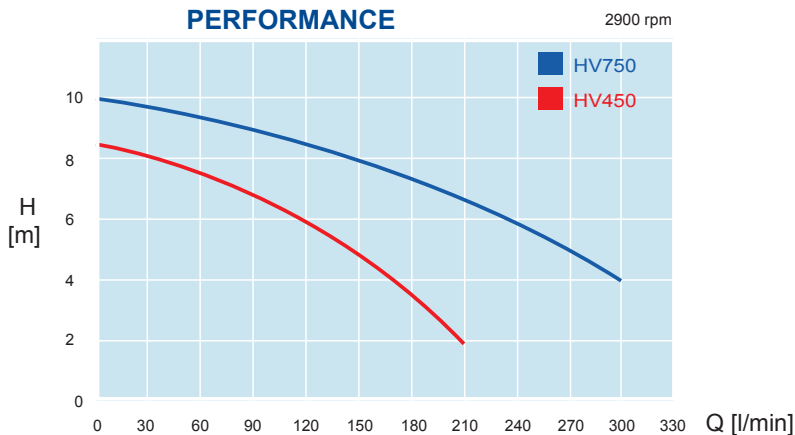
FEATURES

- Stainless steel motor and pump shaft
- Double mechanical seal with oil barrier and lip seal
- Soft solids handling up to 15mm
- 10m power cable
- Thermal overload protection

CONSTRUCTION

- Pump body: Cast iron
- Motor shaft: Stainless steel AISI 304
- Impeller: Cast iron
- Mechanical seal: Double Ceramic – Graphite + Oil barrier
- Motor IP68 – Insulation class B
- Electric power cable HO5RN 10m with 3 pin

PERFORMANCE



DIMENSIONS

Pump Model	Size (mm)		DN1	G.W (KG)
	H	L		
HV750	490	220	50F	20.7

TECHNICAL DATA

Pump Model	Power (P2) (kW)	Amps (A)	Max. FLOW (L/min)	Max. HEAD (m)	Cable (m)	Pump Style	Outlet	Solids Passage (mm)
HV450	0.45	3.8	200	8.5				
HV750	0.75	5.5	300	10	10	Vortex	2"	25