

HV Series

Submersible Pumps
Drainage & Vortex Submersibles



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

Dimensions

Model	H (mm)	W (mm)	DNI	G.W (Kg)
HV180-1	340	160	32F	18.5
HV180-1A	340	160	32F	18.5
HV180-AV	340	230	32F	19.5

Technical Data

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	1-1/4"	15

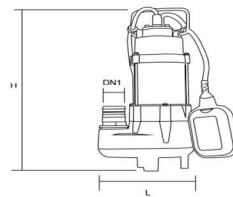
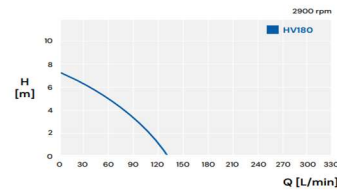


HV180 - Vortex



HV180-AV
with a vertical
magnetic switch

Performance



HV450 - 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

Dimensions

Model	H (mm)	W (mm)	DNI	G.W (kg)
HV450-1	470	220	50F	18.1
HV450-1A	470	220	50F	18.1
HV750-1	490	220	50F	20.7
HV750-1A	490	220	50F	20.7

Technical Data

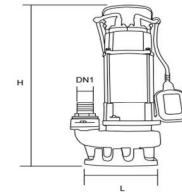
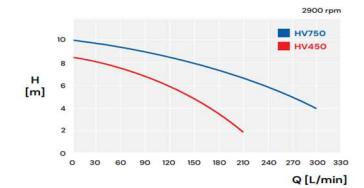
Model	Power (P2) (kW)	Amps (A)	Max. FLOW (L/min)	Max. HEAD (m)	Cable (m)	Pump Style	Outlet	Solids Passage (mm)
HV450	0.45	3.8	200	8.5	10	Vortex	2"	25
HV750	0.75	5.5	300	10	10	Vortex	2"	25



HV750 - Vortex



Performance



Commercial Plumbing & Fire Supplies

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