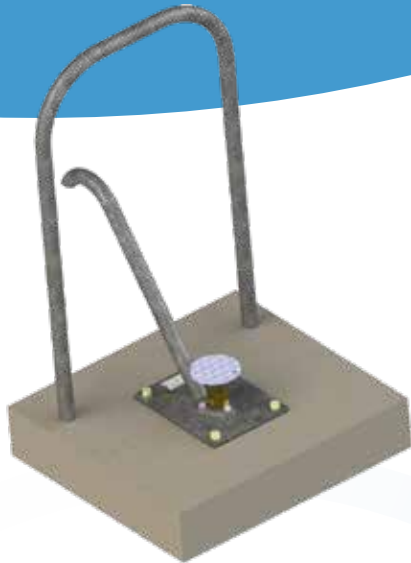









Hydropump HPV60-2000

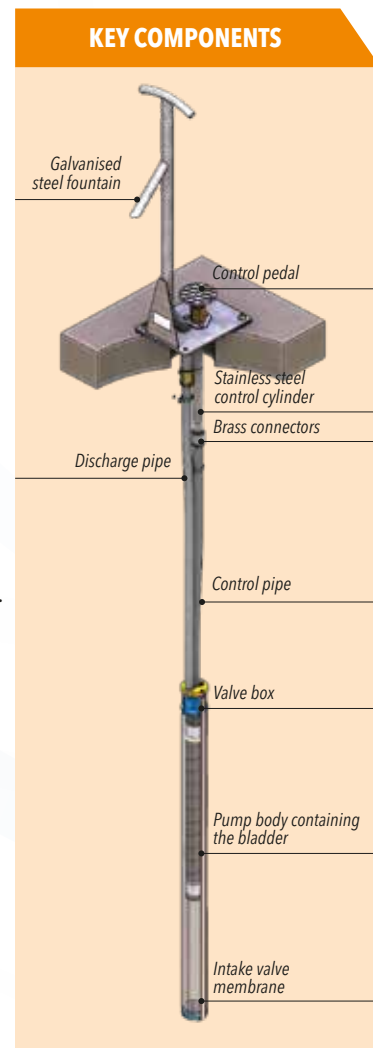
THE BENCHMARK FOR VILLAGE WATER SUPPLIES
INVOLVING MEDIUM-DEPTH BOREHOLES AND WELLS

The "all-terrain" pump

An economical pump offering all the guarantees of VERGNET HYDRO know how and high performance levels.



-  The hydraulic control is a tried-and-tested technology in use on more than 110,000 water points since 1975.
-  The HPV60-2000 complies entirely with the VLOM (Village Level Operation and Maintenance) criteria.
-  The average maintenance cost for the HPV60-2000 is the lowest on the market: €15-€30 per year. The After-Sales Service is guaranteed.
-  The HPV60-2000 is totally resistant to corrosion through the use of rust-proof materials.
-  The HPV60-2000 is easy to install and to service. All its wearing parts are located at ground surface level, are easy to access and replaceable using a single wrench delivered with the pump.
-  The small dimensions of the HPV60-2000 make it possible to install a second electric, solar-powered, etc., pump on the same borehole.
-  Option:
 - Pump protection with an anti-theft/anti-use system.
 - Discharge into a tank.
 - Other possible fountains:
 - Manual pump with the design of INDIA pumps (HYDRO INDIA 60)
 - Manual and ergonomic pump (MPV60)
 - Pump management incorporating a water meter.
 - Possible customisation of the MPV60.



Installation possible in a non-vertical borehole



HPV60-2000 and solar pump installed in the same borehole

HPV60-2000 Hydropump

THE BENCHMARK FOR VILLAGE WATER SUPPLIES INVOLVING MEDIUM-DEPTH BOREHOLES AND WELLS

TECHNICAL SPECIFICATIONS

PUMP TYPE

Hydraulic control - Foot pumping
Maximum installation depth: 60 meters

FOUNTAIN

MINIMUM BORE DIAMETER
For 1 pump: 4" For 2 pumps: 6"
CONTROL CYLINDER (STAINLESS STEEL)
Length: 480 mm - Inner diameter: 30 mm
WEIGHT
Bar fountain: 20 kg
Handle fountain: 23 kg

PISTON ROD (STAINLESS STEEL)

Ø 22 mm - Stroke of 320 mm

PIPES

High density polyethylene (HDPE)
Control and delivery pipes: Ø 32 mm × 3 mm; 0.3 kg for 1 linear metre (PE100 PN16)

PUMP BODY (STAINLESS STEEL)

Length: 1360 mm
Outer diameter: 94 mm - Weight: 10 kg

BLADDER

Rubber - Length at rest: 747 mm

VALVES

Polyurethane membrane and ball

STRAINER AND FILTER

A stainless steel strainer at the foot of the pump
A stainless steel filter in the valve box

MAINTENANCE

PUMP AND OUTLET

With regular maintenance, the pump has a **service life in excess of 15 years** thanks to its corrosion-proof materials.

BLADDER

Severe quality control tests make it possible to offer a **3-year warranty**.

OPERATION

Intake

The pedal rises, the bladder retracts: the water is sucked into the pump body

Discharge valve closed

The bladder retracts

Intake valve open

Discharge

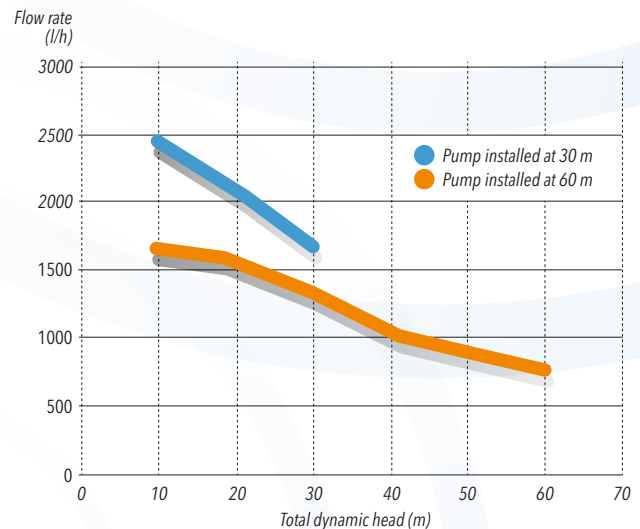
The pedal moves down, the bladder stretches and discharges the water towards the surface

Discharge valve open

The bladder stretches

Intake valve closed

PERFORMANCES



Certificate N° BV-OLN 494018/001 of 09/05/1994 - Bureau Veritas



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