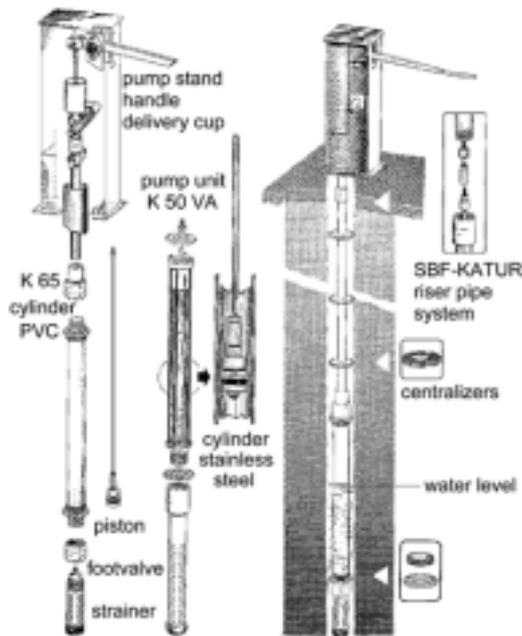


# Hand pump, raw water, Kardia K50 and K65



Code	Description	Ind. price	Ship. weight	Ship. Vol.
WPUHSURWKAR1	HAND PUMP, submersible, raw water, Kardia K50VA, 4"	CHF 1'800 CHF 35/meter	Head+Pump: 75kg 20m riser: 50kg	1.16x0.4x0.35m 3.1x0.15x0.3m
WPUHSURWKAR2	HAND PUMP, submersible, raw water, Kardia K65, 4"	CHF 1'800 CHF 35/meter	Head+Pump: 75kg 20m riser: 50kg	1.16x0.4x0.35m 3.1x0.15x0.3m

Cold chain: No

Dangerous: No

Regulated: No

## General information

- ❑ Lever Operated Lift Pump for up to 60 metres setting in a borehole of 3" to 6".
  - Minimum borehole diameter - 100mm (Kardia K 65)
  - Minimum borehole diameter - 80mm (Kardia K 50 VA)
  - Maximum borehole diameter - 150mm
- ❑ Meets V.L.O.M requirements (village level operated maintenance).
- ❑ Pump performance
  - 62 mm cylinder at 36m setting
    - Capacity - 0.45 litres/stroke
    - Output basis 50 full strokes / minute - 1350 litres/hour
  - 50 mm cylinder at 45m setting
    - Capacity - 0.28 litres/stroke
    - Output basis 50 full strokes / minute - 840 litres/hour
- ❑ Stainless steel 50mm cylinder for up to 45m setting on special request
- ❑ Centralisers - required for larger boreholes or wells (special request)

## Specifications

### Pump

Cylinder Assembly - PVC body & end caps.

PVC / Stainless Steel Plunger fitted rubber cup washer.

PVC foot and discharge valve plates.

Large diameter suction tube reduces sand intake into cylinder.

Lever Operated Lift Pump.

### Drive Head

Galvanised fabricated mild steel head with stainless steel fixings.

Long & heavy handle bar to counter balance the connecting rod weight.

Welded on bearing block with ball races which can be lubricated.

PVC delivery cup located in bracket to connect SBF-KATUR pipe system.

Pump head cover secured with one screw to help exclude well pollution.

### General

Complete set of operator manuals in English.

48 mm Ø PVC 'KATUR' corrosion proof rising main in standard 3m lengths.

10.8mm Ø x 3m stainless steel pump rods with M12 threaded couplers

Separate assemblies of pump cylinder and drive head

Stroke length 150mm

Installation & Maintenance Tool Kit including special tools & spanners

Special foundation frame in galvanised steel.

1 years spare parts kit

## Kit content list

HAND PUMP, submersible, raw water, Kardia K50VA, 4"

Pump head + foundation frame

Pump cylinder Kardia K50VA

Risers in length of 3m, 1m, or 0.5m, including the rods

Optional centralizers

Tool set, standard installation tool set in a metal box

Tool set, special installation tool, installation clamp for riser pipe

Tool set, maintenance set

HAND PUMP, submersible, raw water, Kardia K65, 4"

Pump head + foundation frame

Pump cylinder Kardia K65

Risers in length of 3m, 1m, or 0.5m, including the rods

Optional centralizers

Tool set, standard installation tool set in a metal box

Tool set, special installation tool, installation clamp for riser pipe

Tool set, maintenance set