

# Grundfos CR deep-well

In smaller water supply applications e.g. agricultural irrigation, farms with private boreholes and summer cottages, groundwater supply is decisive for a successful daily operation.

Years of close cooperation with our customers have taught us that sometimes pumping groundwater requires a special pumping solution. Therefore, Grundfos has developed the CR

deep-well pump, which is specially designed to handle deep well pumping tasks, but is installed dry. The CR deep-well is fitted with an ejector making it possible to lift groundwater from deep boreholes with the pump installed above ground. And of course, the CR deep-well pumps come in the same high uncompromising quality as any other product in the CR range.



# Advantages and the CR deep-well

## Dry installation

The CR deep-well pump is a reliable and sturdy pump for deep boreholes where long vertical pipes are necessary to lift the water. The pump and motor are installed dry, and consequently pump and electric cables do not need to be submerged in deep and narrow boreholes. The CR deep-well is thus easily accessible for overhaul. The dry installation makes it easy to service and maintain whenever needed.

## Stainless steel variant

The CR deep-well is available in an all stainless steel version, the CRI. This means that all the pump parts in contact with the pumped liquid are made of stainless steel and are thus very resistant to corrosion. Actually, the stainless steel variant is capable of pumping slightly aggressive groundwater, oil-containing liquids and other aggressive liquids, making it more than just a water pump.

## Easy-to-service

Because the shaft seal is the weak part of the pump, the CR deep-well comes with the patented Grundfos cartridge shaft seal. When the shaft seal eventually is worn out and needs to be replaced, it can be done fast and without dismantling the entire pump. Besides, the fact that the pump is installed dry makes it easy accessible for service and maintenance when necessary.

## Custom-built solutions

The comprehensive standard Grundfos CR programme covers a wide range of pumps, for a wide range of different industrial

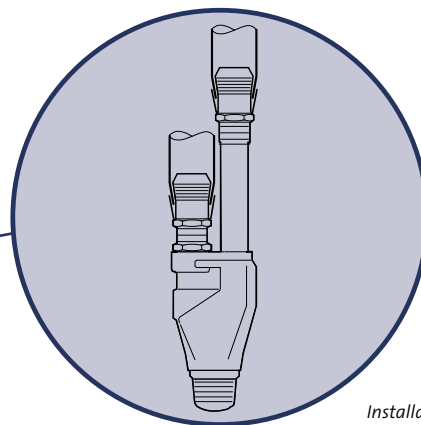
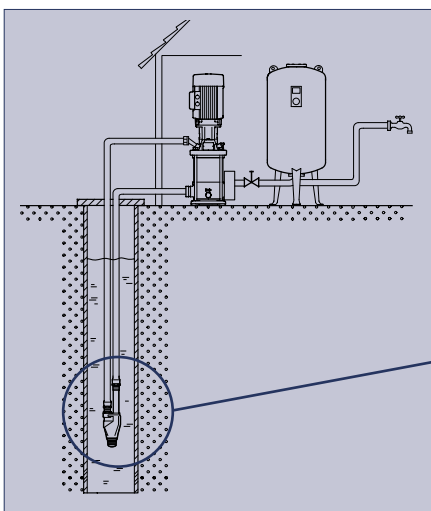


applications. Besides, Grundfos designs custom-built pump solutions; acknowledging that sometimes it does not take more, than a little extra effort, to come up with the right solution. With a custom-built pump solution from Grundfos, your pump is capable of handling:

- Aggressive or corrosive liquids
- Toxic liquids
- Flammable liquids
- Hardening or crystallising liquids
- Excessive temperatures
- High pressures

### Technical data

Max. pressure	10 bar
Max. ambient temp.	40°C
Max. liquid temp.	40°C
Liquid	Water



Installation of the CR deep-well with ejector