

# UNILIFT KP

The Grundfos Unilift KP is a single-stage, stainless steel drainage pump, compact in design with hermetically sealed stator housing (canned motor). The pump can be installed permanently or used as a portable pump. It may be operated fully or partially submerged.

The pump is suitable for the following applications:

- Pumping in drainage collecting wells
- Pumping of wastewater without discharge from toilets
- Drainage of flooded cellars or buildings
- Emptying of swimming pools, tanks and fountains
- Applications within agriculture, horticulture, dairies, breweries and the process industry

## KEY FEATURES

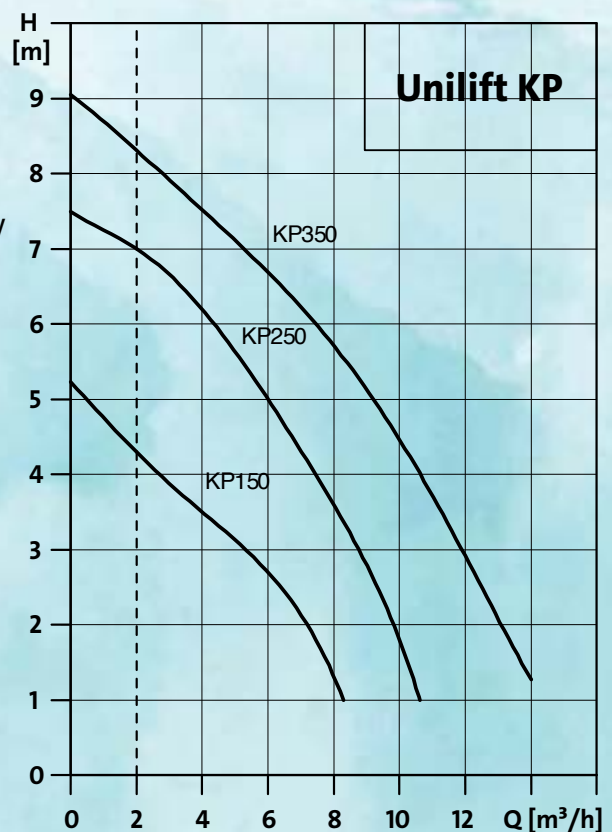
- Thermal overload protection
- Auto-restart
- Handy and easy to transport
- Clip-on strainer for easy maintenance

## TECHNICAL DATA

- **Max. flow rate, Q** : 14 m<sup>3</sup>/h
- **Max. head, H** : 9 m
- **Liquid temp.** : 0 °C to +50 °C
- **Max. particle size** : 10 mm
- **Material** : Stainless steel
- **Installation depth** : Max. 10 metres below liquid level

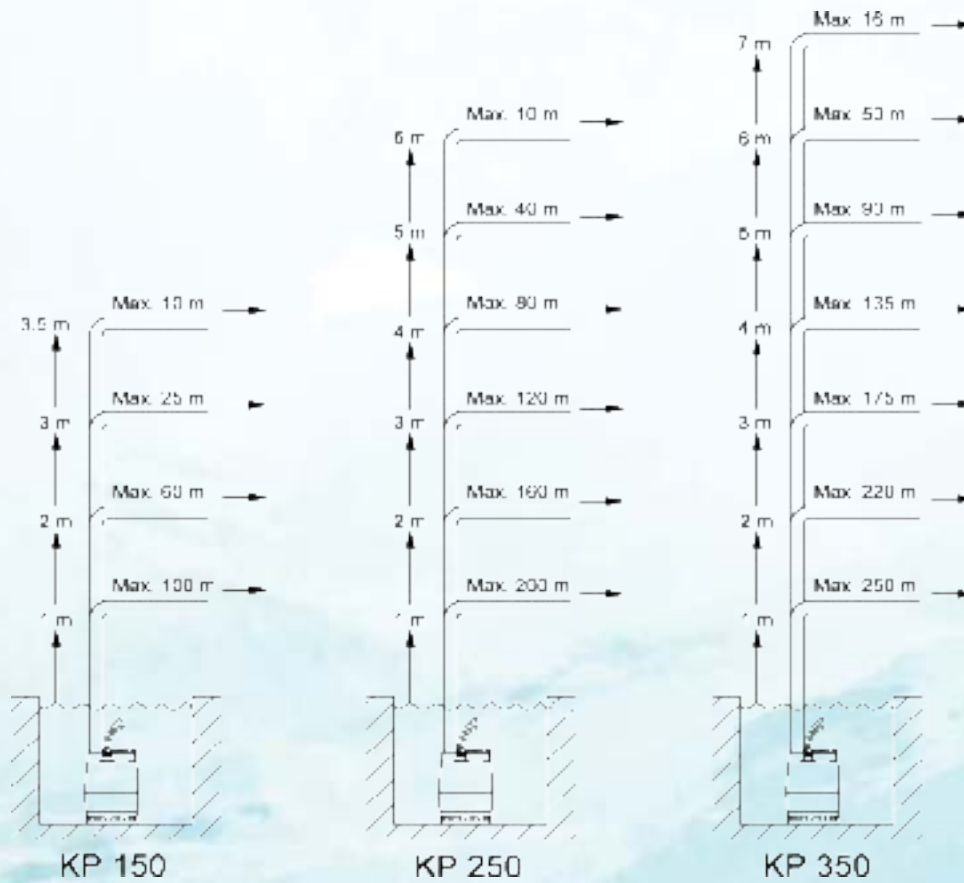


## PERFORMANCE CURVE

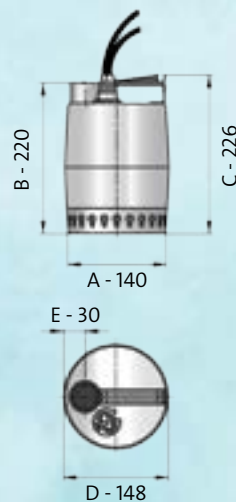
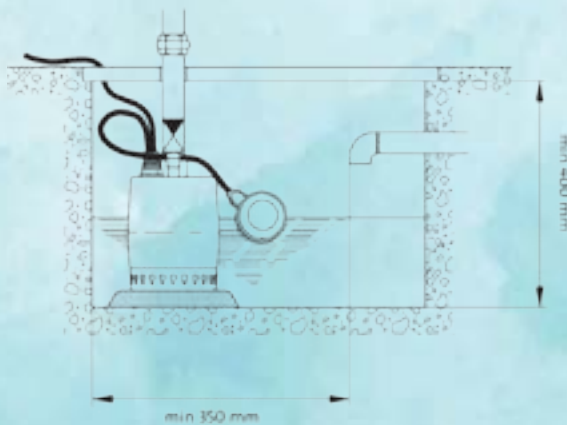


## SELECTION

The overview below is suitable for the selection of the correct size of Unilift KP pumps used in stationary applications. The flow velocity through the discharge pipe must be minimum 0.7 m/s to ensure self-cleaning.



## INSTALLATION



All dimensions in mm

## PRODUCT RANGE

| Part Code | Model             | Voltage (V) | Power |      | Current I (A) | Pump Dimension (mm) |     |     |     |    | Outlet Pipe Size | Weight (kg) |
|-----------|-------------------|-------------|-------|------|---------------|---------------------|-----|-----|-----|----|------------------|-------------|
|           |                   |             | kw P1 | Hp   |               | A                   | B   | C   | D   | E  |                  |             |
| 011K4700  | Unilift KP 150 A1 | 1 x 220-240 | 0.3   | 0.4  | 1.3           | 140                 | 220 | 226 | 148 | 30 | 1 1/4            | 7           |
| 012K4700  | Unilift KP 250 A1 | 1 x 220-240 | 0.48  | 0.64 | 2.3           | 140                 | 220 | 226 | 148 | 30 | 1 1/4            | 7           |
| 013N4700  | Unilift KP 350 A1 | 1 x 220-240 | 0.7   | 0.94 | 3.2           | 140                 | 220 | 236 | 148 | 30 | 1 1/4            | 7.3         |

For all pumps, electrical supply is 1 phase 200-240 Volts AC, 50 Hz