

MULTIDRAIN UV3

SUBMERSIBLE DRAINAGE PUMP

- High quality stainless steel design
- Especially suitable for mobile use
- Cooling jacket for motor housing
- Free passage 10 mm
- Discharge branch vertical 1 1/4"
- Flushing device
- Self ventilation
- Moisture sealed cable inlet
- Fluid temperature 35 °C, temporarily 70 °C (10 min.)



DESCRIPTION

The Multidrain UV3 is a versatile submersible drainage pump made of stainless steel for portable and stationary use. It pumps rainwater, lightly polluted water and domestic wastewater from e.g. household dishwashers or washing machines (also high temperature).

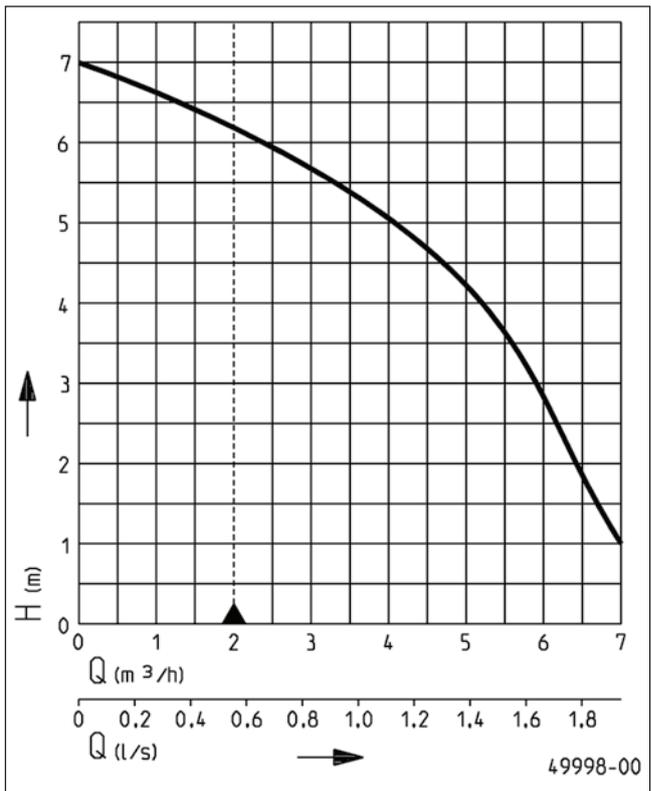
An easy-to-activate flushing device to reduce deposits in the pump sump ensures trouble-free operation and facilitates maintenance.

Motor jacket cooling ensures submerged operation without the risk of overheating. In case of dry running, the thermal motor protection switches off the pump before reaching a critical temperature. These protective measures, plus the swing-type check valve and a hose connection included in the scope of delivery, make the Multidrain UV3 a perfect pump for mobile applications.

In stationary use, the Multidrain UV3 S with automatic switch removes water from drainage shafts in cellars, basements or storage rooms and serves as a backflow protection. If the shaft or container runs dry temporarily, air pockets can escape through the ventilation opening. When the strainer base is removed, the pump removes the water down to a level of 5 mm.

If submersible pumps are used outdoors, only a pump with 10 m cable without extension cable may be used.

PERFORMANCE



Type	Delivery head H [m]	1	2	3	4	5	6
Multidrain UV3	Flow rate Q [m³/h]	7.0	6.4	5.9	5.2	4.1	2.6

Specifications can be changed without notice. Performance subject to ISO 9906 tolerances. This data is represented in the performance curve as a limit of application.

MULTIDRAIN UV3

SUBMERSIBLE DRAINAGE PUMP

SCOPE OF SUPPLY

Pump ready to connect with vertical discharge, 1/4" FI connection, cable and plug, swing-type check valve, graded hose connection 1/4" - 38/32/25 mm, float fixation, locking plug (UV3S/3SF) S model with automatic level float switch.

MECHANICAL DATA

Pump	Vertical single-stage
Free passage	10 mm
Bearing	Ball bearings, grease-lubricated
Seal on motor side	Rotary shaft seal
Oil chamber	Yes
Seal on medium side	2-fold rotary shaft seals

Run dry protection	Yes
Shaft	Stainless steel
Impeller	Vortex impeller, GFK
Motor housing	Stainless steel
Pump housing	Stainless steel
Submersible	Yes

ELECTRICAL DATA

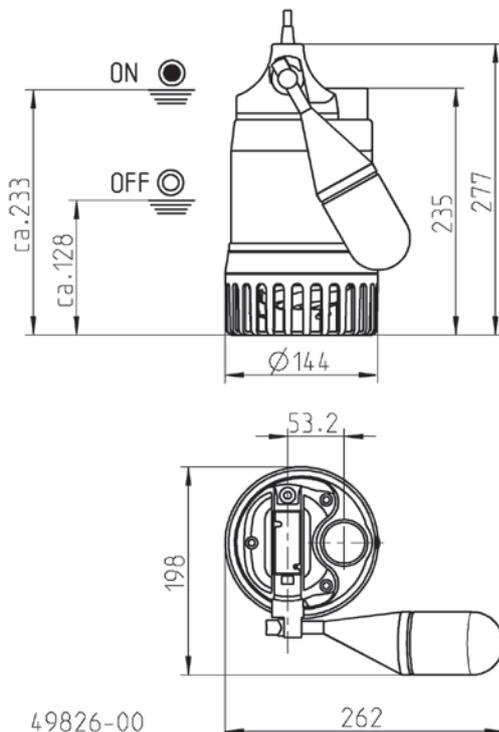
Pump voltage	1/N/PE~230 V
Motor rating P1	0.34 kW
Motor rating P2	0.23 kW
Current	1.5 A
Type of enclosure	IP 68

Insulation class	F
Winding thermostat	Yes
Motor protection	Integrated
Plug	3 flat-pin ANZ

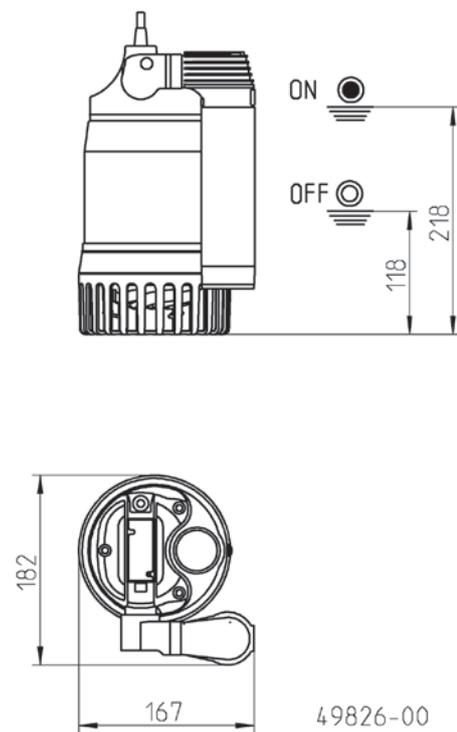
MULTIDRAIN UV3

Type	Code No.	Power line	Wires	Weight
With built-in level control				
Multidrain UV3 S, 10 m cable	JP50041	10m H07RN-F	3G1,0	5.5 kg
Multidrain UV3 SF, 10 m cable	JP50042	10m H07RN-F	3G1,0	5.5 kg

Dimensions and switching points UV3 S (mm)



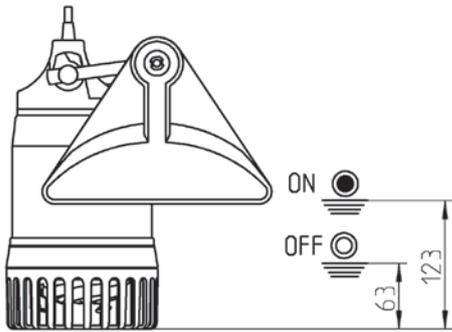
Dimensions and switching points special float UV3 SF (mm)



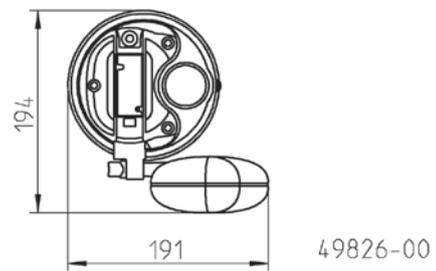
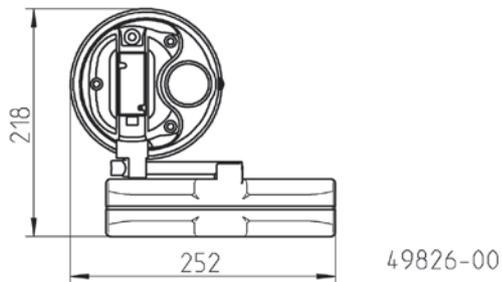
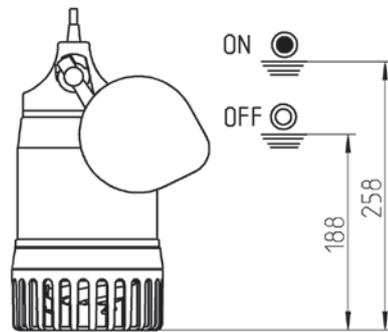
MULTIDRAIN UV3

SUBMERSIBLE DRAINAGE PUMP

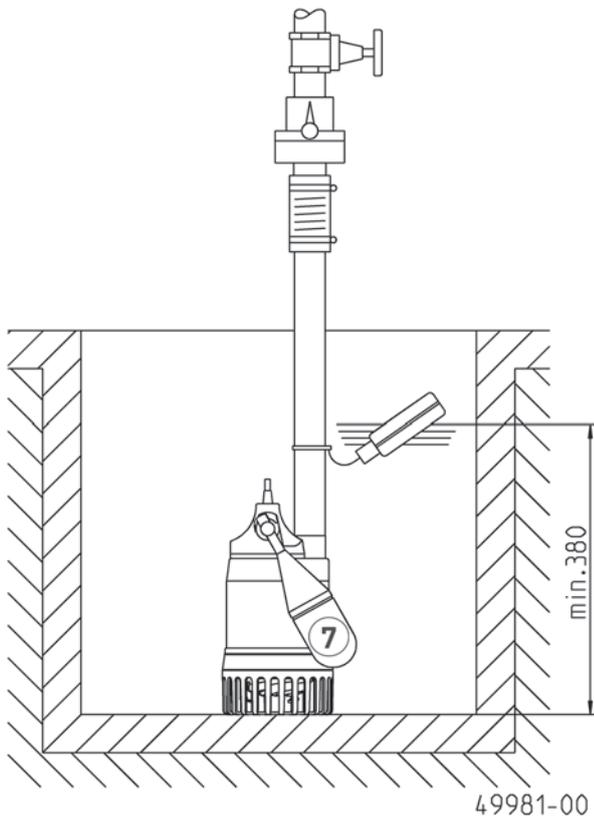
Dimensions and switching points special float UV3 S (mm)



Dimensions and switching points special float UV3 S (mm)



Example of single pump installation



Single unit: sump area 30x30 cm

MULTIDRAIN UV3

SUBMERSIBLE DRAINAGE PUMP

MECHANICAL ACCESSORY

			Code No.
	7 Special float	for lower switching points	JP44795
		for narrow chambers (mind. 30x30 od Ø30 cm)	JP40856