



**PUMP TECHNICAL  
SERVICES LIMITED**

**J JUNG  
PUMPEN**

**THE SUBMERSIBLE PUMP SPECIALISTS**

MANUFACTURING | SALES | PROJECT DESIGN | INSTALLATION | MAINTENANCE AND REPAIRS



# Multidrain

## Submersible drainage pumps

[www.pts-jung.co.uk](http://www.pts-jung.co.uk)



# MULTIDRAIN UV3

## SHINING IN THE BEST LIGHT

The new Multidrain UV3 submersible drainage pump is a new member of the Multidrain family and thus covers an even wider performance spectrum in the lower delivery range.

### **Mobile use**

- | emptying tanks, ponds or swimming pools
- | drainage of flooded cellars

### **Fixed installation**

- | pumping sewage water from laundry rooms, storage rooms or drain shafts
- | installed below the backwater level, the pump serves as backwater protection

- *Ideal for narrow tanks*
- *New flushing device*
- *70 °C fluid temperature (10 Min.)*



Mobile application for easy emptying



Fixed installation in a narrow drain shaft



**Multidrain UV3 SF** with close-fitting float - ideal for narrow shafts from Ø 22 cm

**Multidrain UV3 S** with built-in level control

**Fluid temperature** - 35 °C, temporarily 70 °C (10 Min.)

**Thermal motor protection** - it switches the pump off when a critical motor temperature is reached

**Removable strainer base for flat suction** - 5 mm residual water level



**Moisture sealed cable inlet** - protects the motor from water ingress if the cable is damaged

**High quality stainless steel design** - for a long life time

**Cooling jacket for motor housing** - prevents the motor from overheating even when the pump is in operation

**Safe ventilation** - prevents the build up of air cushions in stationary operation

**Flushing device** - it ensures a clean shaft





# MULTIDRAIN UV 300

## THERE'S EVEN MORE

The Multidrain UV 300 sewage drainage pumps offer even greater performance than the Multidrain UV3. They are available in three-phase or alternating current and reliably pump up to 30 m<sup>3</sup> of sewage, rain or ground water per hour.

### **Fixed installation**

| in cellars of residential complexes, schools and commercial buildings

| in collection tanks for ground and surface water outside buildings

### **Mobile use**

| in case of flooding of underground car parks, large cellars, storage rooms

- *Double thermo protection*
- *Emerged operation*
- *Repleacable cable inlet*



Fixed installation in a sump



**Discharge branch 1 1/2" vertical** - enables easy handling in mobile applications or in narrow shafts

**Double thermo protection** - switches off the pump when a critical motor temperature is reached

**Replaceable moisture sealed cable inlet** - protects the motor from water ingress if the cable is damaged

**Cooling jacket for motor housing** - prevents the motor from overheating even when the pump is in operation

**Durable and safe** - by double SiC mechanical seal

**Pressure hose with Storz C-coupling** - a perfect team to react quickly to floods

**Free passage 10 mm**







# MULTIDRAIN UV 600

## THEY WANT TO GO HIGH UP

The **Multidrain UV 600** series has been specially developed for applications requiring particularly high delivery heads. Powerful motors pump the water up to 26 m high.

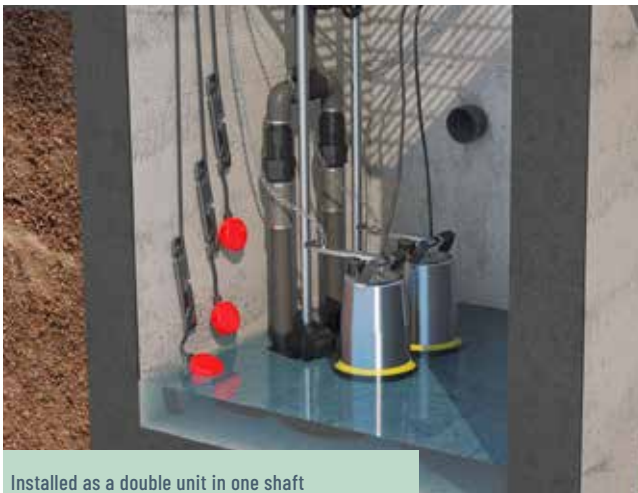
### **Fixed installation**

| in large buildings such as shopping centres, high-rise buildings, underground car parks or deep basements

### **Mobile use**

| in case of major flooding of, e.g. underground car parks, large cellars, storage rooms

- *High delivery head*
- *Double discharge branch*
- *Emerged operation*



Installed as a double unit in one shaft



**Double thermo protection** - switches off the pump when a critical motor temperature is reached

**Durable and safe** - by double SiC mechanical seal

**Automatic self-ventilation** - prevents the formation of air cushions during stationary operation

**Guide rail system GR 50** - for easy maintenance or visual inspection in stationary installation

**Replaceable moisture sealed cable inlet** - protects the motor from water ingress

**Discharge branch 2" vertical and horizontal** - allows flexible connection of the pump

**Free passage 10 mm**



# MULTIDRAIN UV3

## YOUR TOP BENEFITS

### Durable

- safe to run dry
- thermal motor protection

### Versatile in use

- especially for mobile use
- flat suction to 5 mm

### Reliable

- proven float technology
- innovative flushing system and self-ventilation

### Simply with the right accessory

- easy installation
- simply maintenance

## THE RIGHT ACCESSORY



▶ **Special float for narrow switching points** - for low remaining water volume in the shaft



▶ **Swing-type check valve R 32** - prevents backflowing water from the pressure pipe (approved for permanent installation)

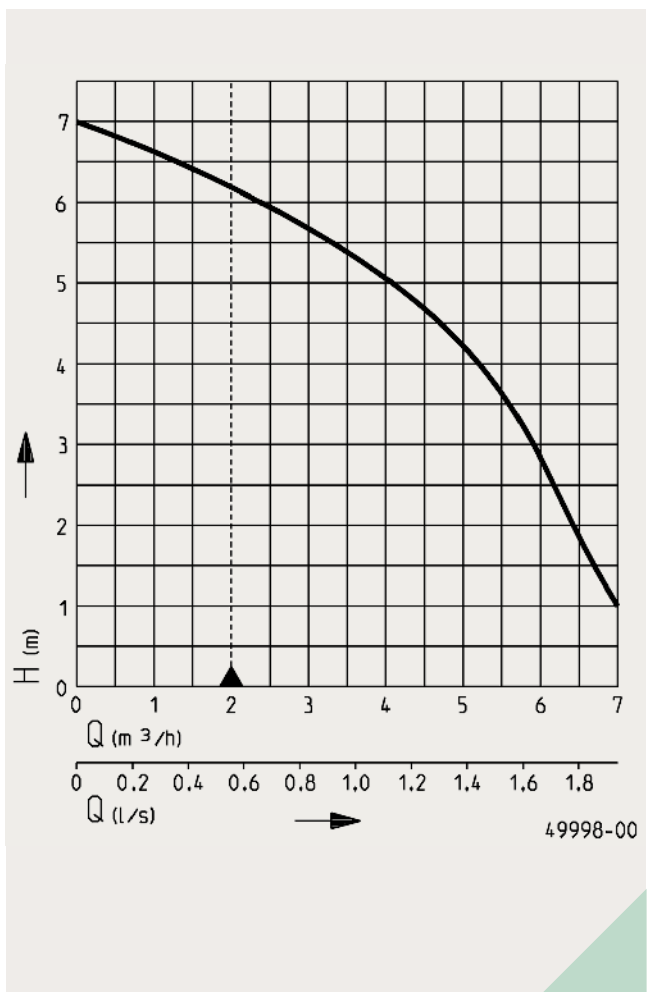


▶ **Connection-Kit DN 32** - telescopic pressure pipe for connection to an existing pressure pipe (extendable up to 100 cm)



▶ **Washing machine stop** - detects unacceptably high water levels, activates the alarm and switches off the washing machine, for example

## PERFORMANCE





# MULTIDRAIN UV 300

## YOUR TOP BENEFITS

### Durable

- safe to run dry
- double SiC-mechanical seal

### Reliable

- large inner passage of 30 mm, (free passage strainer base 10 mm)
- proven float technology

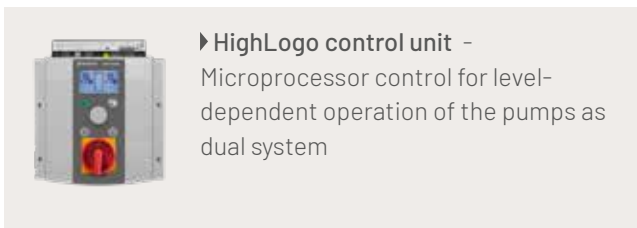
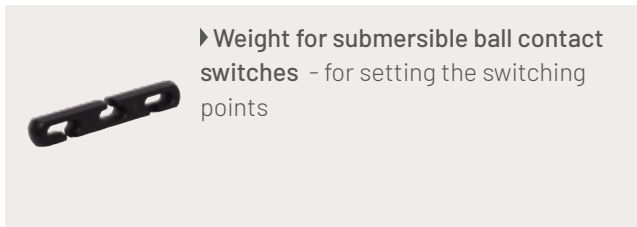
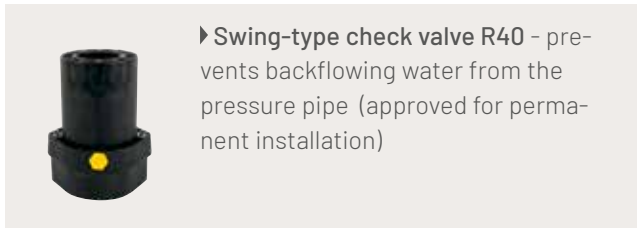
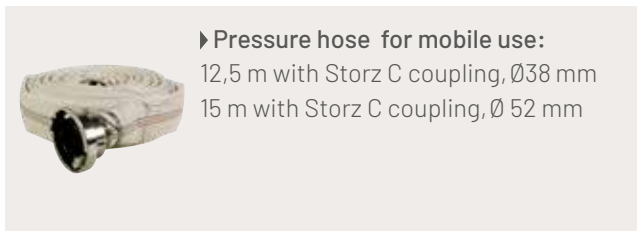
### Versatile in use

- shaft installation inside and outside of buildings
- professional flood disposal

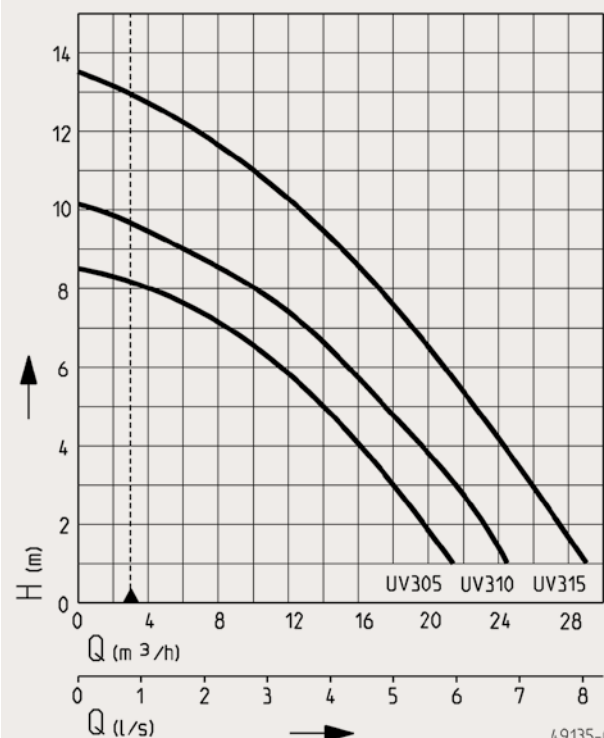
### Simply with the right accessory

- quickly ready for use with Storz coupling
- with the right control unit for duplex units

## THE RIGHT ACCESSORY



## PERFORMANCE



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# MULTIDRAIN UV 600

## YOUR TOP BENEFITS

### Durable

- safe to run dry
- double SiC-mechanical seal

### Reliable

- proven float technology
- automatic self-ventilation

### Versatile in use

- large delivery height (Hmax. 26 m)
- shaft installation inside and outside of buildings

### Simply with the right accessory

- guide rail system for fixed installation
- comfortable maintenance

## THE RIGHT ACCESSORY



► **Guide rail system GR 50** - for easy installation and convenient removal (maintenance) of the pump



► **Weight for submersible ball contact switches** - for setting the switching points

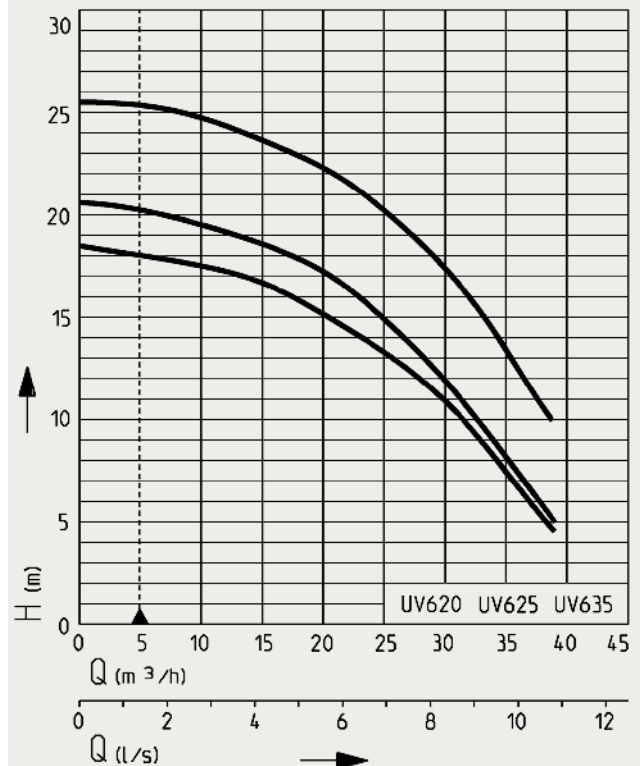


► **Coupling Storz C 2"** - enables the connection of the Storz pressure hose



► **Pressure hose for mobile use:**  
12,5 m with Storz C coupling,  $\varnothing 38$  mm  
15 m with Storz C coupling,  $\varnothing 52$  mm

## PERFORMANCE





# TECHNICAL DATA

Type	H max	Q max	Voltage	Motor rating		Current	Plug	Cable	Code No.
				P1	P2				
MULTIDRAIN UV3	7.0 m	7.0 m <sup>3</sup> /h	1/PE~230 V	0.34 kW	0.23 kW	1.5 A	safety	10 m	JP50248
MULTIDRAIN UV3 S	7.0 m	7.0 m <sup>3</sup> /h	1/PE~230 V	0.34 kW	0.23 kW	1.5 A	safety	4 m	JP50249
MULTIDRAIN UV3 S	7.0 m	7.0 m <sup>3</sup> /h	1/PE~230 V	0.34 kW	0.23 kW	1.5 A	safety	10 m	JP50312
MULTIDRAIN UV3 SF	7.0 m	7.0 m <sup>3</sup> /h	1/PE~230 V	0.34 kW	0.23 kW	1.5 A	safety	10 m	JP50313

S built-in level control. SF with special float switch

Type	H max	Q max	Voltage	Motor rating		Current	Plug	Cable	Code No.
				P1	P2				
MULTIDRAIN UV 305-1	8.5 m	21.0 m <sup>3</sup> /h	1/PE~230 V	1.15 kW	0.88 kW	5.3 A	safety	10 m	JP48691
MULTIDRAIN UV 305-3	9.0 m	22.0 m <sup>3</sup> /h	3/PE~400 V	1.15 kW	0.84 kW	2.6 A	-	10 m	JP48692
MULTIDRAIN UV 305-1 S	8.5 m	21.0 m <sup>3</sup> /h	1/PE~230 V	1.15 kW	0.88 kW	5.3 A	safety	10 m	JP48693
MULTIDRAIN UV 305-3 S	9.0 m	22.0 m <sup>3</sup> /h	3/PE~400 V	1.15 kW	0.84 kW	2.6 A	CEE	10 m	JP48694
MULTIDRAIN UV 310-1	10.0 m	24.5 m <sup>3</sup> /h	1/PE~230 V	1.30 kW	1.00 kW	5.8 A	safety	10 m	JP48695
MULTIDRAIN UV 310-3	10.0 m	24.5 m <sup>3</sup> /h	3/PE~400 V	1.35 kW	1.08 kW	3.0 A	-	10 m	JP48696
MULTIDRAIN UV 310-1 S	10.0 m	24.5 m <sup>3</sup> /h	1/PE~230 V	1.30 kW	1.00 kW	5.8 A	safety	10 m	JP48697
MULTIDRAIN UV 310-3 S	10.0 m	24.5 m <sup>3</sup> /h	3/PE~400 V	1.35 kW	1.08 kW	3.0 A	CEE	10 m	JP48698
MULTIDRAIN UV 315-1	13.5 m	28.0 m <sup>3</sup> /h	1/PE~230 V	1.83 kW	1.36 kW	8.2 A	safety	10 m	JP48699
MULTIDRAIN UV 315-3	13.5 m	29.0 m <sup>3</sup> /h	3/PE~400 V	1.85 kW	1.45 kW	3.6 A	-	10 m	JP48700
MULTIDRAIN UV 315-1 S	13.5 m	28.0 m <sup>3</sup> /h	1/PE~230 V	1.83 kW	1.36 kW	8.2 A	safety	10 m	JP48701
MULTIDRAIN UV 315-3 S	13.5 m	29.0 m <sup>3</sup> /h	3/PE~400 V	1.85 kW	1.45 kW	3.6 A	CEE	10 m	JP48702

S built-in level control

Type	H max	Q max	Voltage	Motor rating		Current	Plug	Cable	Code No.
				P1	P2				
MULTIDRAIN UV 620-1	18.5 m	36 m <sup>3</sup> /h	1/PE~230 V	2.40 kW	1.65 kW	10.4 A	-	10 m	JP47337
MULTIDRAIN UV 620-1 S	18.5 m	36 m <sup>3</sup> /h	1/PE~230 V	2.40 kW	1.65 kW	10.4 A	safety	10 m	JP47338
MULTIDRAIN UV 620-3	18.5 m	37 m <sup>3</sup> /h	3/PE~400 V	2.38 kW	1.95 kW	4.6 A	-	10 m	JP47339
MULTIDRAIN UV 620-3 S	18.5 m	37 m <sup>3</sup> /h	3/PE~400 V	2.38 kW	1.95 kW	4.6 A	-	10 m	JP47340
MULTIDRAIN UV 625-3	20.5 m	38 m <sup>3</sup> /h	3/PE~400 V	2.80 kW	2.28 kW	5.2 A	-	10 m	JP47341
MULTIDRAIN UV 625-3 S	20.5 m	38 m <sup>3</sup> /h	3/PE~400 V	2.80 kW	2.28 kW	5.2 A	-	10 m	JP47342
MULTIDRAIN UV 635-3	25.5 m	39 m <sup>3</sup> /h	3/PE~400 V	3.70 kW	3.05 kW	6.2 A	-	10 m	JP47343
MULTIDRAIN UV 635-3 S	25.5 m	39 m <sup>3</sup> /h	3/PE~400 V	3.70 kW	3.05 kW	6.2 A	-	10 m	JP47344

S built-in level control

