



Multidrain

Submersible drainage pumps



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 \varnothing 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 m³ 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.

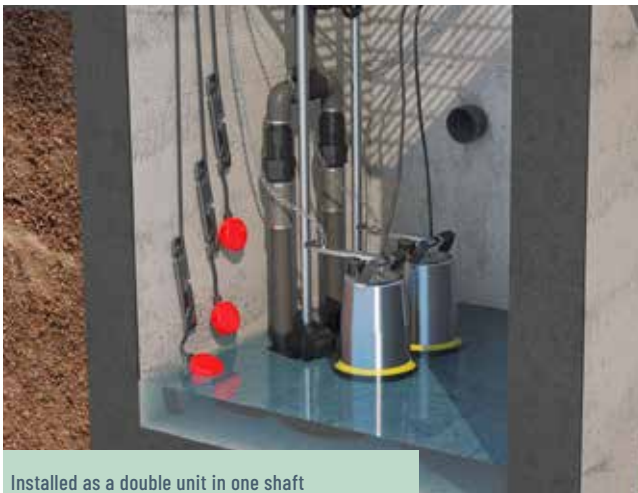
Fixed installation

| 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)

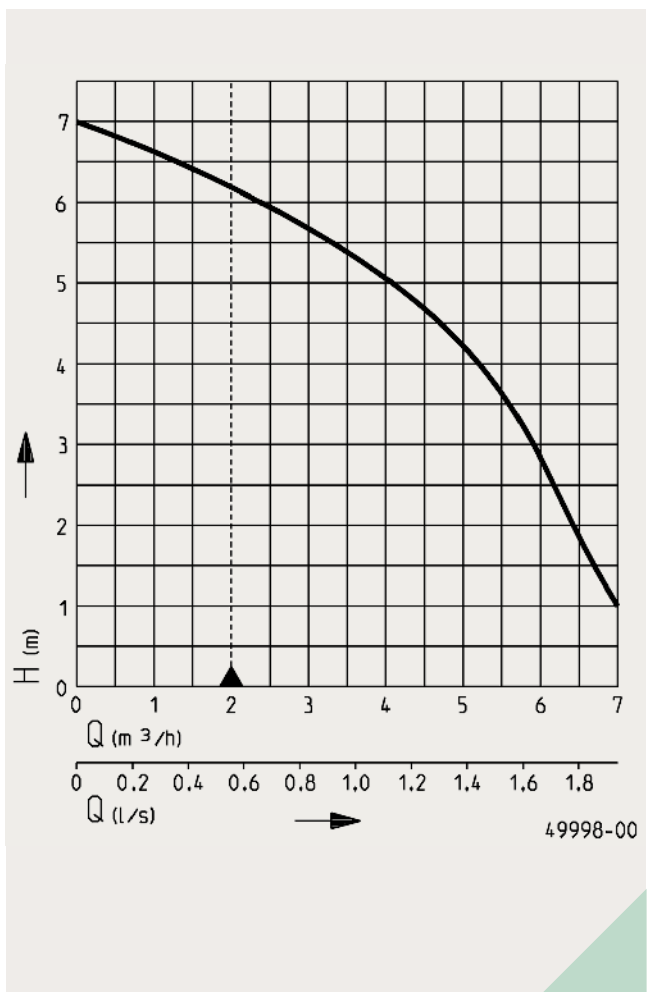


▶ **Connection-Kit DN 32** - telescopic pressure pipe for connection to an existing pressure pipe (extendable up to 100 cm)



▶ **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



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



- ▶ **Swing-type check valve R40** - prevents backflowing water from the pressure pipe (approved for permanent installation)

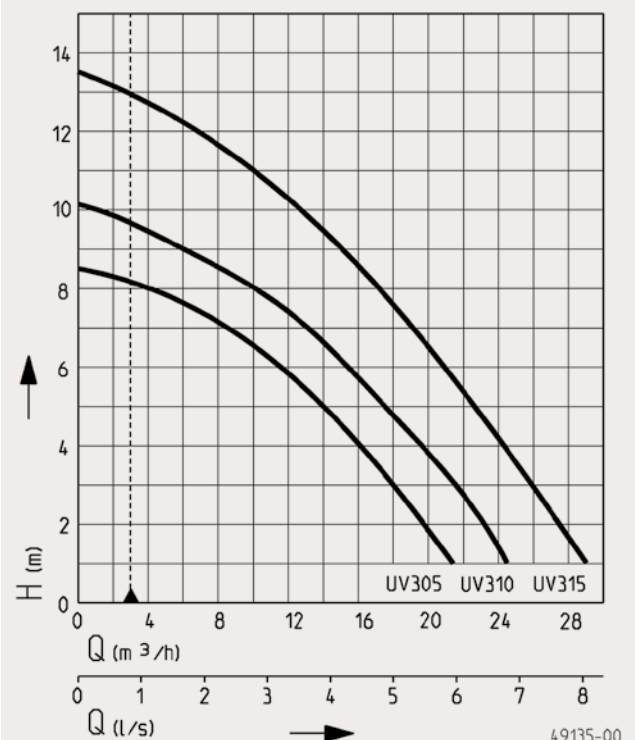


- ▶ **Weight for submersible ball contact switches** - for setting the switching points



- ▶ **HighLogo control unit** - Microprocessor control for level-dependent operation of the pumps as dual system

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

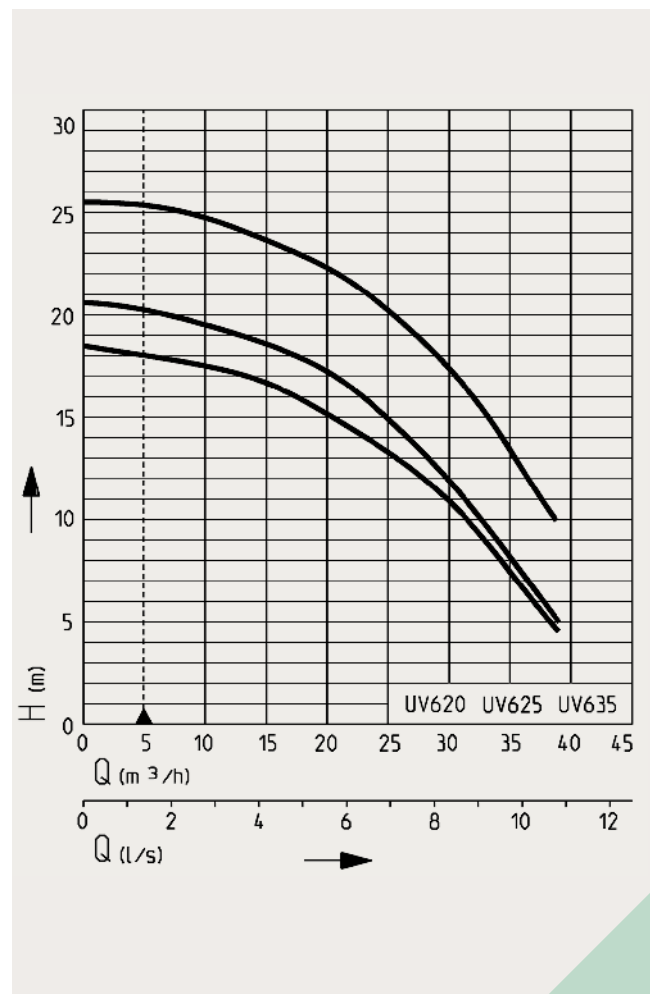


► **Coupling Storz C 2"** - enables the connection of the Storz pressure hose



► **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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /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 ³ /h | 3/PE~400 V | 3.70 kW | 3.05 kW | 6.2 A | - | 10 m | JP47344 |

S built-in level control



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