

## DRAINING 60 TWIN (3ph) (Duty/Standby Wastewater Pumping System with Control Panel)



DrainKing 60 Twin (3ph) Part No. 172/NS  
(Duty/Standby Wastewater Pumping System with  
Control Panel)

### **General Description:**

DrainKing 60 Twin (3ph) features a heavy-duty tank and submersible pump for automatically pumping wastewater from commercial kitchens, multiple sinks, dishwashers etc.

The DrainKing Twin provides users with the additional security of duty/standby operation. If one pump should become blocked or fail, the wastewater would rise within the common tank, and activate the high-level alarm. The control panel would start the other pump as the standby pump.



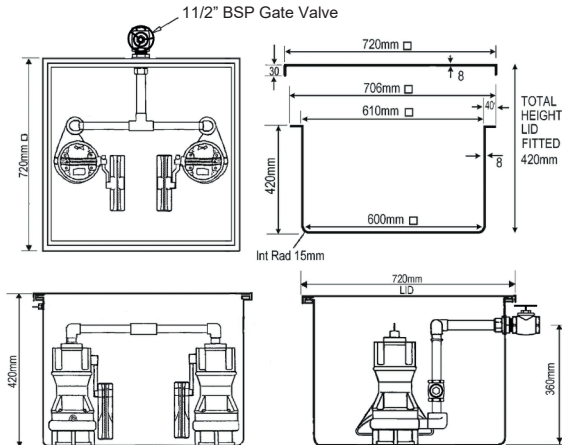
### **Control Panel:**

The DrainKing Twin is supplied with a pump station control panel and a single high-level finger float. The duty pump is automatically alternated after every pump operation. If the high-level alarm is activated the standby pump would become operational. The panel features door isolation switch, pump 1 or 2 operational/tripped lights, alarm buzzer (minimum volume of 80 Dba at 1m distance) alarm on/off switch, 3 off volt free ports for BMS connection.

A rechargeable battery is fitted in case of mains electricity supply failure.

## DRAINING 60 TWIN (3ph) (Duty/Standby Wastewater Pumping System with Control Panel)

Dimensions mm



### Tank:

Manufactured from GRP and fully rigged with internal pipe work, gate valve and non-return valves.

### Tank Inlets:

To suit site layout, all inverts should be brought into the side of the tank by drilling a hole and using an appropriate tank connector. Minimum invert height 120 mm.

### Tank Outlet:

Fitted 1 1/2" BSP male thread discharge outlet (Gate Valve supplied female thread)

### Tank Venting:

To suit site layout, a vent should be taken from the side of the tank by drilling a hole and using an appropriate tank connector. Vent pipe should be 1 1/4" min. to air or via a Pump Technology MicroVent.

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### Pump:

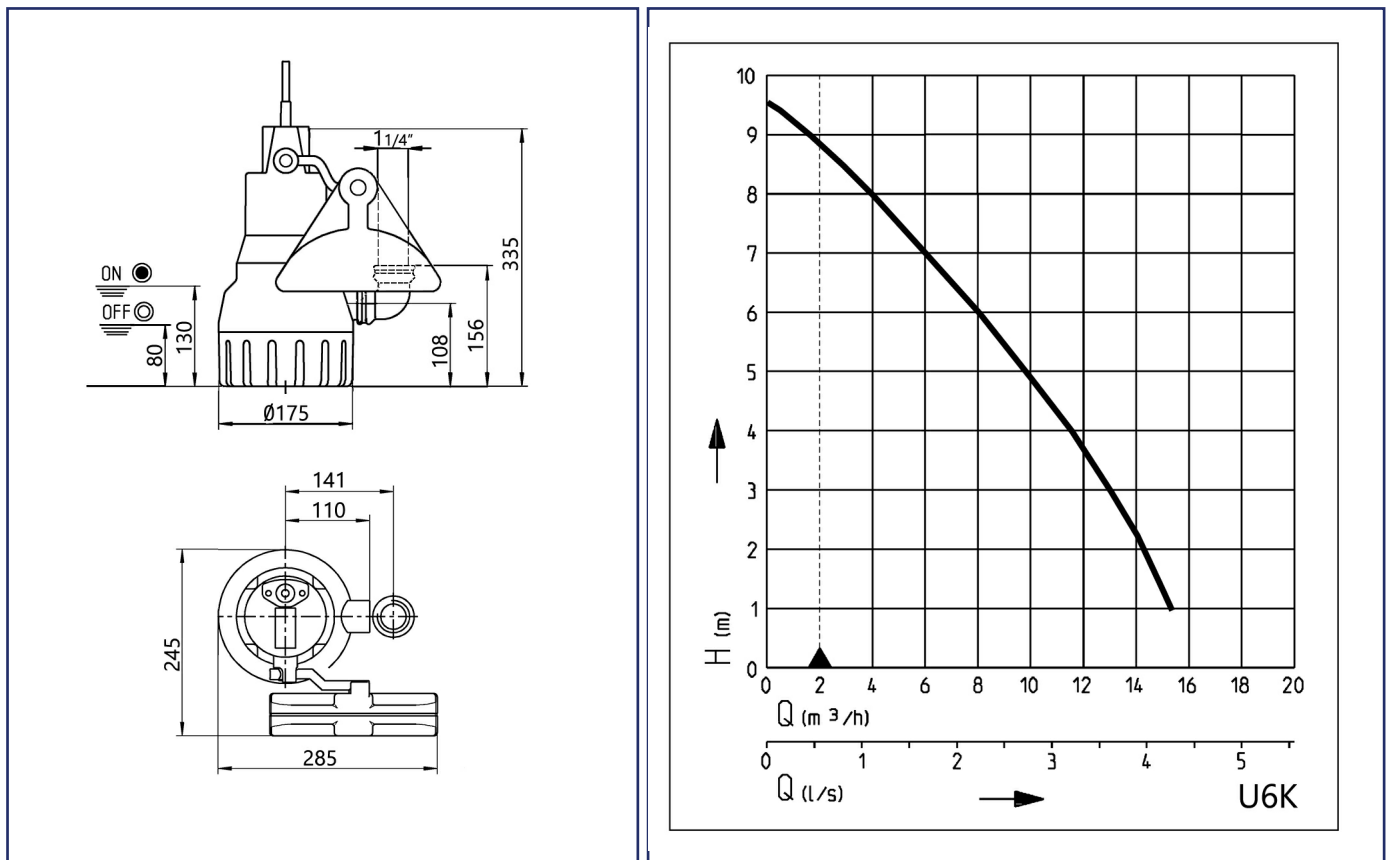
- Safe to run dry
- 20 mm free passage with EIP technology
- Cooling jacket for motor housing
- SiC mechanical seal independent of sense of rotation
- Replaceable moisture sealed cable inlet
- Flushing device
- Fluid temperature 35°C, temporarily 60°C (10 mins)



### Description:

The heavy duty centrifugal submersible drainage pump U6K DS is suitable for dealing with wastewater and capable of handling soft solids up to 20mm in particle size.

### Dimensions/switching points U6K DS (mm)



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## DRAINING 60 TWIN (3ph) (Duty/Standby Wastewater Pumping System with Control Panel)

### Scope of Supply

Pump ready for connection acc. to EN 12050 with 90°, 1¼" female connection elbow, 4m cable with automatic level float switch.

#### Mechanical Data

Pump	Vertical single stage	Run dry protection	Yes
Free passage	20 mm	Shaft	Stainless Steel
Bearing	Ball bearing, grease-lubricated	Impeller	Vortex impeller, GFK
Seal on motor side	Rotary shaft seal	Motor housing	Stainless Steel
Oil chamber	Yes	Submersible	Yes
Seal on medium side	SiC mechanical seal	Pressure outlet	1¼"

#### Electrical Data

Motor rating P1	0.75kW	Winding thermostat	Yes
Type of enclosure	IP 68	Motor protection	Integrated
Insulation Class	B		

#### U6K ES

Type	Code No.	Voltage	Motor rating P2	Current	Power line	Wires	Plug	Weight
<b>With built-in level control</b>								
U6K DS, 4m cable	<b>JP00229</b>	3/PE-400V	0.55kW	1.3A	4m H07RN-F	4G1,0	CEE	5.9kg

### Notes:

- This unit is for wastewater only
- Ensure the location of the DrainKing enables the lid to be easily removed for regular inspection and maintenance
- If the discharge pipework connection to a soil stack, manhole etc. is below the discharge outlet of the tank, an anti-syphon unit must be fitted at the highest point of the discharge pipework
- Warranty: The DrainKing 60 Twin (3ph) comes complete with a one year warranty.

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Pump Technology Ltd. reserves the right to change the specification without prior notice.

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