

J JUNG PUMPEN

Pentair Water



JUNG PUMPEN QUALITY ▼

Jung Pumpen is a quality German manufacturer of pumps for wastewater and dewatering applications. For over 85 years Jung Pumpen has been a reliable partner for sewage and wastewater disposal across the globe. Producing high-quality pumps and pumping stations for both small-scale domestic house and land drainage to large-scale industrial and community wastewater treatment

Jung Pumpen is a brand that stands for high quality and it's continued growth can undoubtedly be attributed to its world class German engineering.

– Jung Pumpen, Pentair's premium brand of wastewater handling systems –



Rainbow Pool Products

PO Box 2388, Mansfield Qld 4122

Telephone STD 61-7-3849 5385

Facsimile STD 61-7-3849 5384

Email: info@rainbowpoolproducts.com.au

Web: www.rainbowpoolproducts.com.au

THE BENEFIT OF THE BRAND

-  **Continuous operation when not submerged**
 ... due to cooling motor jacket
-  **Low level pumping**
 ... by removing the strainer base
-  **Clearly defined switching levels**
 ... due to rigid float arm
-  **Reliable pumping**
 ... free passage of 10mm with U3KS & U3KS special
 ... free passage of (10/20)mm with U5KS & U6KS
-  **Cleaner pump area**
 ... rinsing openings in the hydraulic section - ensuring the working area of the pump is kept clean
-  **Reliable venting**
 ... venting holes ensure reliable pumping in stationary applications
-  **Safe to run dry**
 ... due to encapsulated oil chamber
 ... thermal motor protection
-  **Long service life**
 ... due to high quality materials and optimum motor protection
-  **Made in Germany**
 ... renowned German engineering

Model	Product Code	Hmax	Qmax	Free passage	Voltage	P1	P2	Current	Motor protection
U3KS	JP09484	7m	110 l/m	10 mm	230V	0.32 kW	0.20 kW	1.4 A	Integrated
U3KS special	JP44084	7m	110 l/m	10 mm	230V	0.32 kW	0.20 kW	1.4 A	Integrated
U5KS	JP44091	8m	190 l/m	10/20 mm	230V	0.52 kW	0.38 kW	2.3 A	Integrated
U6KS	JP44085	9.5m	260 l/m	10/20 mm	230V	0.75 kW	0.49 kW	3.3 A	Integrated

U3KS

General Purpose Drainage Pump



- Continuous operation
- Low level pumping
- Flushing device
- Built-in level control
- Variable discharge branch
- Safe to run dry
- EIP technology
- Swing-type check valve for portable use
- Moisture sealed cable inlet

- ▶ The U3KS pump removes rain water, lightly polluted water and domestic water from household dishwashers and washing machines (also high temperatures).
- ▶ EIP technology for safer operation, integrated flushing device for reducing deposits and integrated low level pumping for preventing flooding are only a few of the innovative features that set this pump apart.
- ▶ For mildly aggressive media such as brackish water, condensate, liquid manure etc., the U3KS special should be used.

Drainage Pump

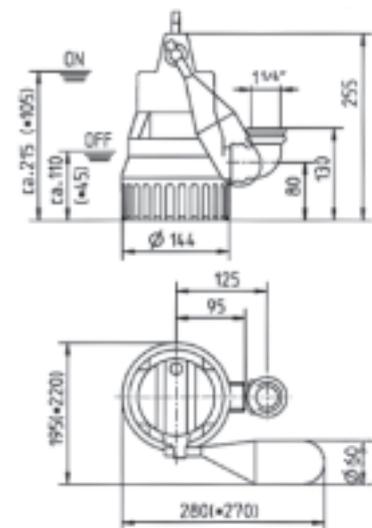
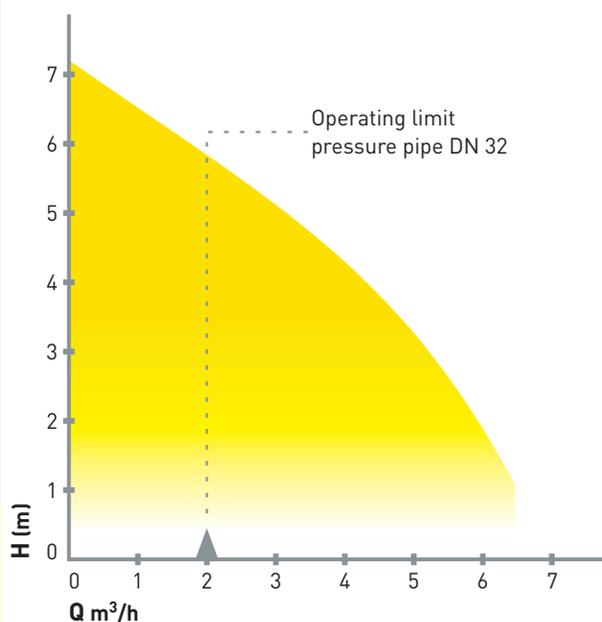
Maximum Height X Width	Discharge branch	Free passage	Cable quality	Cable length	Weight approx.	Code No.
255 x 275 mm	1 1/4"	10 mm	H07RN-F	5 m	4.3 kg	JP 09484

Performance

Delivery head H [m]	1	2	3	4	5	6
Flow rate Q [l/m]	110	90	85	65	50	25

Electrical Data

Type of current	Voltage Volt	Motor rating kW P1 P2	RPM min. ⁻¹	Current Ampere	Motor protection	Plug
1-phase	230V	0.32 0.20	2720	1.4	integrated	10 Amp



* with low level float



U3KS special

Suitable for Saline – Chemical Media



- U3KS Special model is made from high-quality chemical resistant material. Enabling it to handle aggressive medias such as liquids containing salt, brackish water, condensate, silage liquor, liquid fertilizers and water of high temperatures (dishwashers).
- The U3KS Special pump provides the same outstanding innovative technical features as the U3KS. If the sump runs dry temporarily, the pump can be vented by providing a drill-hole in the spiral housing.

- For saline solutions up to 10% salinity
- Continuous operation
- Low level pumping
- Flushing device
- Safe to run dry
- EIP technology
- Swing-type check valve for portable use
- SiC mechanical seal
- Moisture sealed cable inlet

Submersible Sump Pump

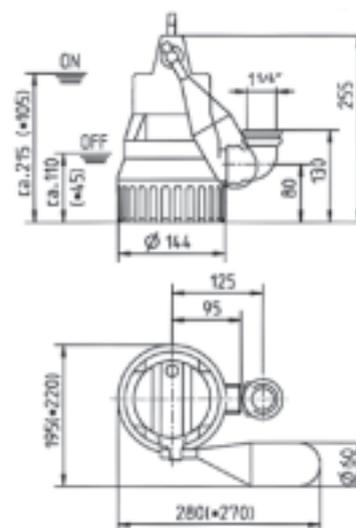
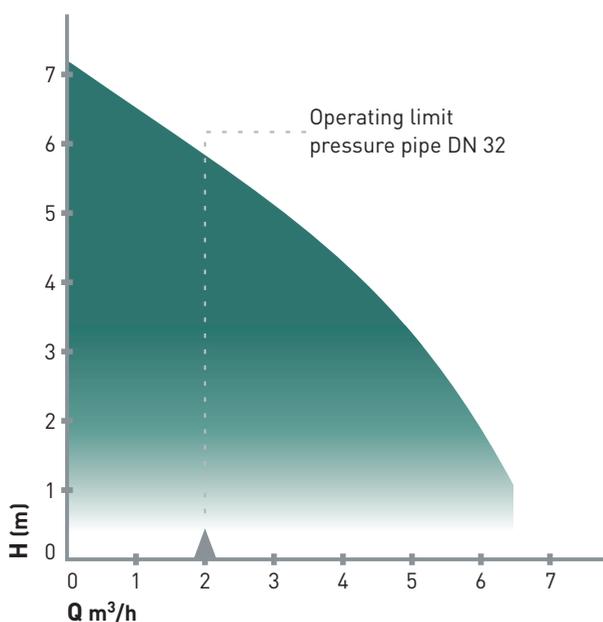
Maximum Height X Width	Discharge branch	Free passage	Cable quality	Cable length	Weight approx.	Code No.
255 x 275 mm	1 1/4"	10 mm	H07RN-F	5 m	4.3 kg	JP 44084

Performance

Delivery head H [m]	1	2	3	4	5	6
Flow rate Q [l/m]	110	90	85	65	50	25

Electrical Data

Type of current	Voltage Volt	Motor rating kW P1 P2	RPM min. ⁻¹	Current Ampere	Motor protection	Plug
1-phase	230V	0.32 0.20	2720	1.4	integrated	10 Amp



* with low level float

U5KS

Grey Water – Sump Pump



- Continuous operation
- Low level pumping
- Flushing device
- Built-in level control
- Variable discharge branch
- Safe to run dry
- 10/20 mm free passage with EIP technology
- Swing-type check valve for portable use
- Moisture sealed cable inlet

- ▶ U5KS model can be used for dealing with dirty water from garden ponds, floodwater or swimming pools. Thanks to its shallow, built-in suction system, it can reduce residual water level to no more than a few millimetres!
- ▶ The U5KS is an extremely powerful and versatile centrifugal submersible pump suitable for faecal-free wastewater with solids up to 10mm particle size. Thanks to the removal strainer base, it is possible to increase the free passage to 20mm.

Drainage Pump

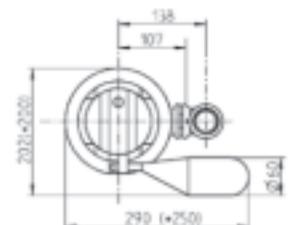
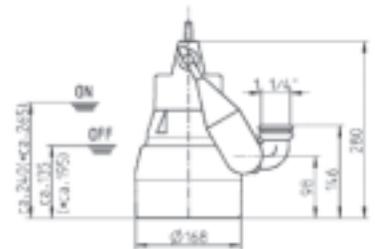
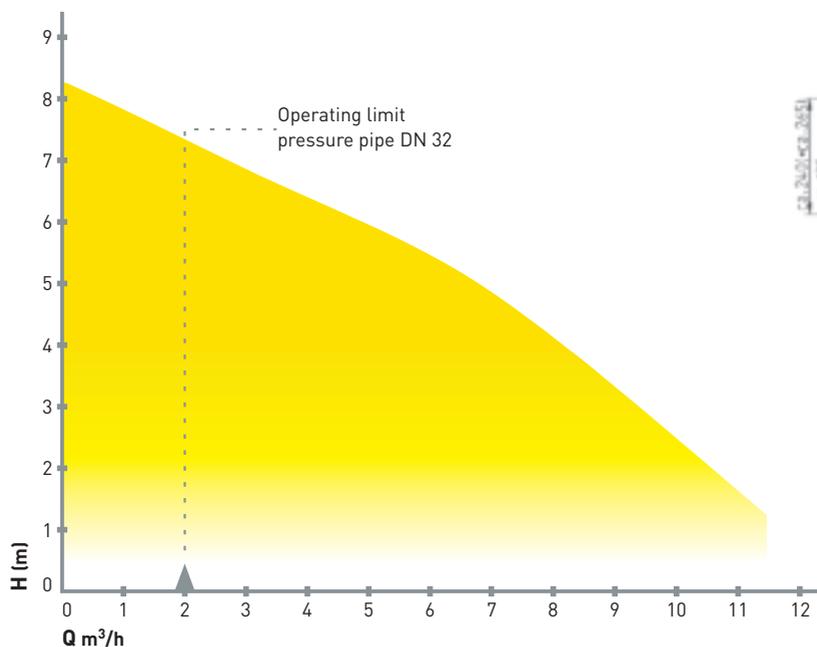
Maximum Height X Width	Discharge branch	Free passage	Cable quality	Cable length	Weight approx.	Code No.
280x202 mm	1 ¼"	10/20 mm	H07RN-F	10 m	5.4 kg	JP 44091

Performance

Delivery head H [m]	1	2	3	4	5	6	7
Flow rate Q [l/m]	190	175	150	125	110	75	40

Electrical Data

Type of current	Voltage Volt	Motor rating kW P1	P2	RPM min. ⁻¹	Current Ampere	Motor protection	Plug
1-phase	230V	0.52	0.38	2716	2.3	integrated	10 Amp



* with special float for narrow chambers



U6KS

High Performance – Sump Pump



- U6 KS model is suitable for lift wells, garden fountains, greenhouses, basements, pump wells and reservoirs. Its unique silicon carbide mechanical seal suitable not only for conveying waste water but also for drainage and seepage water in sumps and liquid fertilizer.
- The U6 KS also includes an integrated motor contact switch which turns the pump off if it overheats. Operational safety and a long service life are prime features of this pump.

- Continuous operation
- Flushing device
- Replaceable moisture sealed cable inlet
- Low level pumping by removing the strainer base
- SiC mechanical seal independent of rotation direction
- Safe to run dry
- 10/20 mm free passage with EIP technology

Submersible Drainage Pump

Maximum Height X Width	Discharge branch	Free passage	Cable quality	Cable length	Weight approx.	Code No.
335x210 mm	1 1/4"	10/20 mm	H07RN-F	10 m	6.0 kg	JP 44085

Performance

Delivery head H [m]	1	2	3	4	5	6	7	8	9
Flow rate Q [l/m]	260	235	210	185	150	125	90	60	25

Electrical Data

Type of current	Voltage Volt	Motor rating kW P1 P2	RPM min. ⁻¹	Current Ampere	Motor protection	Plug
1-phase	230V	0.75 0.49	2645	3.3	integrated	10 Amp

