

Features:

- polyethylene container with 1000 litres capacity and up to 500 litres switching volume
- two single-channel impeller pumps with fibre cutting insert and large solids handling
- mechanical seal (up to 4kW) or chilled casting seal (> 5 kW) and shaft seal with intermediate oil chamber
- pump housing with flanged outlet bend DN 100
- lateral inlet with loose-type flange DN 150
- additional connection 1 1/2" for manual diaphragm pump
- air vent with loose-type flange DN 100 (Ø 110 mm)
- star-delta-start for 7,5 kW unit
- operation temperature max. 55°C
- operating mode S3 - 25%
- protection grade IP 57 - temporarily submersible



Application:

- drainage of domestic sewage from apartment buildings, residential areas, hospitals, schools etc.
- institutions which need a continuous sewage drainage
- above-ground installation in frost-free rooms below the backflow level

Scope of delivery:

- pre-assembled lifting unit with 3,5 m connection cable to the motor and 3,5 m pneumatic tube to the control
- incl. ZPS2: comfortable, pneumatic level control with microcontroller, LCD plain text display for filling level, maintenance, operating hours, fault message and alarm signal in switchbox for indoor installation (7,5kW ZPS2 control with star-delta-start)
- Attention! Non-return valve, gate valve, Y-pipe and further junction fittings optional (see accessories)

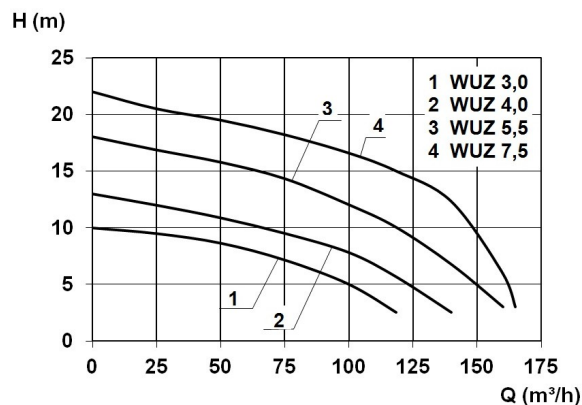
Product benefits:

- custom dimensions, custom inlets and on-site-assembly possible
- large container volume and switching volume (container volume up to 20.000 litres available)
- blockage-free operation by 80 mm (3,0 & 4,0 kW version) or 100 mm (5,5 & 7,5 kW version) solids handling
- comfort control unit included in delivery

Technical data:

Art.no.	U [V]	P ₁ [W]	P ₂ [W]	In [A]	n [min ⁻¹]	Q _{max} [m ³ /h]	H _{max} [m]	SH [mm]	PO	Weight [kg]
10555	400	6.300	5.500	12,1	1400	160,0	18,0	100	DN 100	400

Characteristics:



Materials:

Seal motor:	shaft seal
Seal pump:	mechanical seal

Dimensions:

