

Pumping station Aquapump Medium Tronic, STZ 1000, 1300-1750 mm, A



Article information

Item no.: 827721A GTIN: 4026092077696 Price group: 60

Advantages

- height-adjustable upper section
- Preconfigured in the factory
- LW 600 chamber system suitable for underground installation

Description

The pumping station with sewage wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank is an LW 600 chamber system made of permanently resistant polymer (PE-LLD) with open pump tank and universal connection options. Quick-release closures enable the integrated components to be removed easily.

Variant Type of system: Passage seal for conduit pipe (DN): Access steps: Passage seal for ventilation pipe (DN): Installation: Pump control: Backflow preventer: Pressure pipe connection: Chamber system:	Single unit 100 no 100 Wet installation Control unit integrated horizontal LW 600
General characteristics Standard:	EN 12050-2, EN 12050-2 as well as EN 12050-1
Type of wastewater:	(without ATEX requirements) for wastewater with and without sewage
Installation situation: System type:	underground installation Tronic
Dimensions Net weight: Gross weight: Groundwater resistant from lower edge of base section:	130 kg 142 kg 2500 mm



Diameter:	809 mm
Clear width (LW):	600 mm
Installation depth:	1300 - 1750 mm
Length:	1000 mm
Width:	806 mm
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height
	neight
Tank/drain body	
Pressure pipe connection (DN):	32
Pressure pipe connection (OD):	40 mm
Connection conduit pipe (DN):	100
Venting connection (DN):	100
Distance from centre of outlet pipe to tank	894 mm
bottom:	094 mm
Distance pipe bottom inlet to tank bottom:	400 mm
Distance from centre of inlet pipe to tank	475 mm
bottom:	
Inlet nominal size (DN):	150 mm
Number of inlets:	1
Clear width of tank (LW):	600 mm
Pumping volume:	30 l
Coverage features	
Type of cover:	Round cover plate
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Load class:	A 15 (EN 124)
Load class:	•
Load class: Pumping device	A 15 (EN 124)
Load class: Pumping device Pump:	A 15 (EN 124) STZ 1000
Load class: Pumping device Pump: Number of pumps:	A 15 (EN 124) STZ 1000 1
Load class: Pumping device Pump: Number of pumps: Weight, pump:	A 15 (EN 124) STZ 1000 1 10 kg
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class (pump):	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m)
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class (pump): Max. temperature (permanent) of conveyed	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class (pump): Max. temperature (permanent) of conveyed material:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m) 40 °C
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class: Protection class (pump): Max. temperature (permanent) of conveyed material: Max. pumping capacity:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m) 40 °C 11,5 m³/h
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class (pump): Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m) 40 °C 11,5 m³/h 10 m
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class: Protection class (pump): Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m) 40 °C 11,5 m³/h 10 m 2800 U/min
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class: Protection class (pump): Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m) 40 °C 11,5 m³/h 10 m 2800 U/min 1,2 kW
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class (pump): Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P2:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m) 40 °C 11,5 m³/h 10 m 2800 U/min 1,2 kW 0,69 kW
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class: Protection class (pump): Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P2: Operating mode:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m) 40 °C 11,5 m³/h 10 m 2800 U/min 1,2 kW 0,69 kW S3 - 50 %
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class: Protection class (pump): Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P2: Operating mode: Impeller type:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m) 40 °C 11,5 m ³ /h 10 m 2800 U/min 1,2 kW 0,69 kW S3 - 50 % Macerator
Load class: Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Protection class: Protection class (pump): Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P1: Power P2: Operating mode: Impeller type: Length of mains cable for pump:	A 15 (EN 124) STZ 1000 1 10 kg Schuko (earthed contact) 2-pin 230 V I F IP 68 (3m) 40 °C 11,5 m³/h 10 m 2800 U/min 1,2 kW 0,69 kW S3 - 50 % Macerator 10 m
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Control



Control unit: Control unit function: Motor protection switch: Alarm sensor: Level measurement instrument: Type of level measurement: Protection class control unit: Mains frequency: Operating voltage: Connection type: Potential-free contact: GSM interface: **USB** interface: Log book function: Multi-line display: Battery buffering: Self-diagnosis system (SDS): Warning equipment version: Type of fuse required (electrical protection):

Comfort With alarm message yes optical probe Submersible pressure switch pneumatic IP 54 50 Hz 230 V Schuko (earthed contact) 2-pin yes yes yes yes yes yes yes acoustic and optical signal C 16 A