

Pumping station Aquapump Medium Tronic, STZ 1000, 1800-2250 mm, A



Article information

Item no.: 827731A
 GTIN: 4026092077689
 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

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| Type of system: | Single unit |
| Passage seal for conduit pipe (DN): | 100 |
| Access steps: | no |
| Passage seal for ventilation pipe (DN): | 100 |
| Installation: | Wet installation |
| Pump control: | Control unit |
| Backflow preventer: | integrated |
| Pressure pipe connection: | horizontal |
| Chamber system: | LW 600 |

General characteristics

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| Standard: | EN 12050-2, EN 12050-2 as well as EN 12050-1 (without ATEX requirements) |
| Type of wastewater: | for wastewater with and without sewage |
| Installation situation: | underground installation |
| System type: | Tronic |

Dimensions

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| Net weight: | 127 kg |
| Gross weight: | 139 kg |
| Groundwater resistant from lower edge of base section: | 2500 mm |

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| Diameter: | 809 mm |
| Clear width (LW): | 600 mm |
| Installation depth: | 1800 - 2250 mm |
| Length: | 1000 mm |
| Width: | 806 mm |
| Packaging dimension: | length |
| Packaging dimension: | width |
| Packaging dimension: | height |

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| 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 bottom: | 1394 mm |
| Distance pipe bottom inlet to tank bottom: | 400 mm |
| Distance from centre of inlet pipe to tank bottom: | 475 mm |
| Inlet nominal size (DN): | 150 mm |
| Number of inlets: | 1 |
| Clear width of tank (LW): | 600 mm |
| Pumping volume: | 30 l |

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| Coverage features | |
| Type of cover: | Round cover plate |
| Load class: | A 15 (EN 124) |

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| Pumping device | |
| Pump: | STZ 1000 |
| Number of pumps: | 1 |
| Weight, pump: | 10 kg |
| Connection type: | Schuko (earthed contact) 2-pin |
| Operating voltage: | 230 V |
| Protection class: | I |
| Insulation class: | F |
| Protection class (pump): | IP 68 (3m) |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Max. pumping capacity: | 11,5 m ³ /h |
| Max. pumping height: | 10 m |
| Speed: | 2800 U/min |
| Power P1: | 1,2 kW |
| Power P2: | 0,69 kW |
| Operating mode: | S3 - 50 % |
| Impeller type: | Macerator |
| Length of mains cable for pump: | 10 m |
| Rated current: | 5,2 A |

Control

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| Control unit: | Comfort |
| Control unit function: | With alarm message |
| Motor protection switch: | yes |
| Alarm sensor: | optical probe |
| Level measurement instrument: | Submersible pressure switch |
| Type of level measurement: | pneumatic |
| Protection class control unit: | IP 54 |
| Mains frequency: | 50 Hz |
| Operating voltage: | 230 V |
| Connection type: | Schuko (earthed contact) 2-pin |
| Potential-free contact: | yes |
| GSM interface: | yes |
| USB interface: | yes |
| Log book function: | yes |
| Multi-line display: | yes |
| Battery buffering: | yes |
| Self-diagnosis system (SDS): | yes |
| Warning equipment version: | acoustic and optical signal |
| Type of fuse required (electrical protection): | C 16 A |