

Pump system Aquapump Retrofit Duo, STZ1000-S3, Floater

Article information

Item no.: AQUALI1000F_DS

GTIN:

Price group: 60

Description

The retrofit kit for installation in existing collection tanks for faecal-free wastewater is equipped with two submersible pumps, a backflow preventer and a manual locking device. The polymer profile (PE) is used to mount and fix the pumping station. Quick-release closures enable easy removal of the pumps. The station is controlled either by a float switch or by a user-friendly control unit, which can be optionally integrated in the building control system via a voltage-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

Variant

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| Type of system: | duo pump |
| Pump control: | Control unit |
| Backflow preventer: | integrated |
| Pressure pipe connection: | horizontal |

General characteristics

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| Standard: | EN 12050-2 |
| Type of wastewater: | with sewage |
| Installation situation: | installation in on-site collecting tank |
| Delivery state: | Modular set for assembly on site |
| System type: | Duo |

Pumping device

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| Pump: | STZ 1000 |
| Number of pumps: | 2 |
| Weight, pump: | 10 kg |
| Connection type: | coded plug |
| Operating voltage: | 230 V |
| Protection class: | I |
| Insulation class: | F |
| Cos phi - power factor: | 0,97 |
| Protection class (pump): | IP 68 (3m) |
| Temperature monitoring: | integrated |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Max. pumping capacity: | 11,5 m³/h |
| Max. pumping height: | 10 m |
| Speed: | 2800 U/min |

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|---------------------------------|--------------------------------|
| Power P1: | 1,2 kW |
| Power P2: | 0,69 kW |
| Operating mode: | S3 - 50 % |
| Type of pump connection cable: | H07RN-F 3G 1.5 mm ² |
| Impeller type: | Macerator |
| Length of mains cable for pump: | 10 m |
| Rated current: | 5,2 A |

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| Control | |
| Control unit: | Comfort |
| Alarm sensor: | optical probe |
| Level measurement instrument: | Float switch |
| Type of level measurement: | pneumatic |
| Protection class control unit: | IP 54 |
| Mains frequency: | 50 Hz |
| Operating voltage: | 230 V |
| Connection type: | coded plug |
| Length of mains cable for control unit: | 1,4 m |
| Potential-free contact: | optional |
| GSM interface: | yes |
| USB interface: | yes |
| Log book function: | yes |
| Multi-line display: | yes |
| Battery buffering: | yes |
| Self-diagnosis system (SDS): | yes |
| Type of fuse required (control unit): | C 16 A |