

Pump system Aquapump Retrofit Duo, GTF 600-S1, subm. pressure switch



Article information

Item no.: AQUALI600D

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

| | |
|---------------------------|--------------|
| Type of system: | duo pump |
| Rim width: | Control unit |
| Backwater protection: | integrated |
| Pressure pipe connection: | horizontal |

General characteristics

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|-------------------------|---|
| Standard: | EN 12050-2 |
| Type of wastewater: | without sewage |
| Installation situation: | installation in on-site collecting tank |
| Delivery state: | Modular set for assembly on site |
| System type: | Duo |

Dimensions

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|---------|--------|
| Width: | 360 mm |
| Height: | 741 mm |
| Length: | 540 mm |

Tank/drain body

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|--------------------------------|-------|
| Pressure pipe connection (DN): | 32 |
| Pressure pipe connection (OD): | 40 mm |

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|--|--------------------------------|
| Pumping device | |
| Pump control: | GTF 600 |
| Number of pumps: | 2 |
| Weight: | 6 kg |
| Connection type: | Schuko (earthed contact) 2-pin |
| Rated current: | 2,9 A |
| Length of mains cable for pump: | 10 m |
| Self-diagnosis system (SDS): | I |
| Insulation class: | F |
| Cos phi - power factor: | 0,92 |
| Protection class control unit: | IP 68 (3m) |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Max. pumping capacity: | 12 m³/h |
| Max. pumping height: | 8 m |
| Speed: | 2750 U/min |
| Power P1: | 0,65 kW |
| Power P2: | 0,4 kW |
| Operating mode: | S1 |
| Type of fuse required (electrical protection): | C 16 A |
| Type of pump connection cable: | H07RN-F 3G 1.5 mm² |
| Impeller type: | Multi-vane impeller |
| Free passage: | 30 mm |
| Control | |
| Motor protection switch: | yes |
| Alarm sensor: | optical probe |
| Level measurement instrument: | Submersible pressure switch |
| Type of level measurement: | pneumatic |
| Protection class probe: | IP 54 |
| Mains frequency: | 50 Hz |
| Operating voltage: | 230 V |
| Connection type: | Schuko (earthed contact) 2-pin |
| 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 |
| Max. permissible switching frequency: | Comfort |