

## Pump system Aquapump Retrofit Duo, GTF 1000-S3, Floater



### Article information

Item no.: AQUALI1000DS

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

|                         |   |
|-------------------------|---|
| 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

|               |        |
|---------------|--------|
| Net weight:   | 50 kg  |
| Gross weight: | 60 kg  |
| Length:       | 480 mm |
| Width:        | 360 mm |
| Height:       | 554 mm |

#### Tank/drain body

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

|   |                     |
|---|---------------------|
| Distance from centre of outlet pipe to tank bottom: | 440 mm              |
| Pumping device                                      |                     |
| Pump control:                                       | GTF 1000            |
| Number of pumps:                                    | 2                   |
| Weight:   | 10 kg               |
| Connection type:                                    | coded plug          |
| Rated current:                                      | 5,6 A               |
| Length of mains cable for pump:                     | 10 m                |
| Self-diagnosis system (SDS):                        | I                   |
| Insulation class:                                   | F                   |
| Cos phi - power factor:                             | 0,97                |
| Protection class control unit:                      | IP 68 (3m)          |
| DSC:  | integrated          |
| Max. temperature (permanent) of conveyed material:  | 40 °C               |
| Max. pumping capacity:                              | 14,5 m³/h           |
| Max. pumping height:                                | 10 m                |
| Speed:  | 2700 U/min          |
| Power P1:   | 1,27 kW             |
| Power P2:   | 0,73 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 |
| Control   |                     |
| Control unit:                                       | Comfort             |
| Alarm sensor:                                       | optical probe       |
| Level measurement instrument:                       | Float switch        |
| Type of level measurement:                          | pneumatic           |
| Protection class probe:                             | 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                 |
| Rated current:                                      | 5,6 A               |