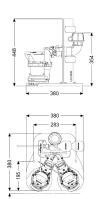


## Pump installation kit Retrofit S Duo, GTF 500-S1, 230V





## **Article information**

Item no.: 8744050 GTIN: 4026092109496

Price group: 60

## **Advantages**

- Quick installation thanks to pre-assembled components
- Flexible and space-saving installation
- Suitable for all common pressure pipes

## **Description**

The pump system for installation in existing collection tanks for wastewater without sewage is equipped with two submersible pumps suitable for continuous operation, and two backflow preventers.

The compact polymer (PU) bracket is used for the variable mounting of components in various application scenarios and to fasten the pumping system, even in confined spaces.

All common types of pressure pipe can be connected using the 90° quick-release closure. Quick-release closures enable the integrated components to be removed easily.

The components are pre-assembled for final assembly on site.

Control is carried out by means of a level float via user-friendly 230V Connect Duo control unit that can optionally be integrated into the building management system through a potential-free contact.

Variant

Type of system: duo pump
Installation: Wet installation
Pump control: Control unit
Backflow preventer: integrated

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: 17,5 kg Gross weight: 21,29 kg Length: 403 mm Width: 380 mm Height: 448 mm Packaging dimension: length Packaging dimension: width Packaging dimension: height

Tank/drain body

Pressure pipe connection (DN): 40
Pressure pipe connection (OD): 50 mm

Pumping device

Pump: GTF 500 Number of pumps: 2 Weight, pump: 6 kg

Connection type: Schuko (earthed contact) 2-pin

Rated current: 2,5 A
Protection class: I
Insulation class: F
Cos phi - power factor: 0,91
Protection class (pump): IP 68

Protection class (pump): IP 68 (3m) Temperature monitoring: integrated Max. temperature (permanent) of conveyed  $40\,^{\circ}\mathrm{C}$ 

material:

Hot water resistance for a short time (2 min): 80 °C Max. pumping height: 8 m

Speed: 2800 U/min
Power P1: 0,6 kW
Power P2: 0,36 kW
Operating mode: S1

Type of pump connection cable: H07RN-F 3G 1.5 mm<sup>2</sup> Impeller type: Multi-vane impeller

Free passage: 10 mm
Type of fuse required (electrical protection): C 16 A
Length of mains cable for pump: 10 m

Control

Control unit: Connect Duo

Control unit function: With alarm message

Motor protection switch: yes

Alarm sensor: Float switch
Level measurement instrument: Float switch
Type of level measurement: mechanical

Protection class control unit: IP 54



Mains frequency: 50 Hz Operating voltage: 230 V

Connection type: Schuko (earthed contact) 2-pin

Length of mains cable for control unit:

Potential-free contact:

Battery buffering:

Self-diagnosis system (SDS):

1,4 m
optional
yes

Warning equipment version: acoustic and optical signal

Type of fuse required (electrical protection): C 16 A