

Pumping station Aquapump XL Mono, GTF1400-S1, 400V



Article information

Item no.: 8743047

GTIN:

Price group: 60

Advantages

- Maximum safety
- Flexible installation
- Also handles large quantities of faecal-free wastewater

Description

The pumping station for faecal-free wastewater is equipped with a submersible pump and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an open pump tank with universal connection options. Quick-release closures enable the integrated components to be removed easily.

The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

The KESSEL modular system provides different engineering chamber options as accessories for the further layout.

Stainless steel pump removal chains available as accessory for each installation depth - Article number:

680528 = Length 2 m

680529 = Length 3 m

680530 = Length 4 m

680531 = Length 5 m

Type of wastewater:

wastewater with sewage

Installation situation:

floor slab installation, floor slab installation

Version:

Type of system:

Single station

Installation:

Wet installation

Backflow preventer:

integrated

Passage seal for ventilation pipe (DN):

50 mm

Passage seal for conduit pipe (DN):

63 mm

Delivery state: Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)

General characteristics:

Colour: black
Standard: EN 12050-2

Dimensions:

Length: 1,300 mm
Width: 1,300 mm
Height: 1,416 mm

Tank:

Number of inlets: 1 ST
Inlet nominal size (DN): 150
Inlet nominal size (OD): 160 mm
Pumping volume: 350 l
Pressure pipe connection: horizontal
Pressure pipe connection (DN): 80 mm
Pressure pipe connection (OD): 90 mm

Pumping device:

Pump: GTF 1400
Number of pumps: 1
Max. pumping capacity: 31 m³/h
Max. pumping height: 10.5 m
Operating voltage: 400 V
Mains frequency: 50 Hz
Operating mode: S1
Power P1: 1.5 kW
Power P2: 1.1 kW
Speed: 2,900 U/min
Type of fuse required (electrical protection): C 16 A
Max. temperature (permanent) of conveyed material: 40 °C
Connection type: Direct connection
Weight: 22 kg
Impeller type: Multi-vane impeller
Length of mains cable for pump: 10 m
Rated current: 6.5 A
Protection class (pump): IP 68 (20m)

Protection class:	I
Type of pump connection cable:	H07RN-F 3G 1.0 mm ²
Temperature monitoring:	integrated
Insulation class:	H

Control:

Control unit:	Comfort
Operating voltage:	400 V
Mains frequency:	50 Hz
Self-diagnosis system (SDS):	yes
Battery buffering:	yes
Multi-line display:	yes
Log book function:	yes
USB interface:	yes
GSM interface:	yes
Potential-free contact:	optional
Type of fuse required (electrical protection):	C 16 A
Motor protection switch:	yes
Protection class control unit:	IP 54
Length of mains cable for control unit:	1.4 m
Type of level measurement:	hydrostatic
Level measurement instrument:	Level sensor
Alarm sensor:	Level sensor