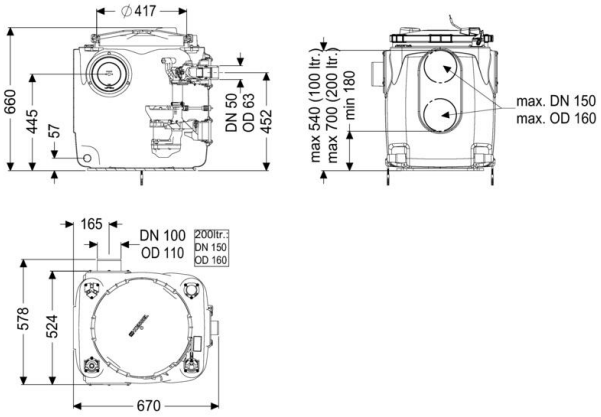
Data sheet

Lifting station Aqualift 100 Duo, GTF 600, Free-standing set-up



Article information

article number: 28515
EAN code: 4026092092910
Price group: 20

Product advantages

- Easy tool-free maintenance
- Tank made of PE, resistant to aggressive wastewater
- Including backflow preventer for the pressure pipe

Description

The ready to plug in lifting station for faecal-free wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an open pump tank. One-handed closures enable easy removal of the integrated components.

General features

Colour	black
Standard	EN 12050-2
Type of wastewater	without sewage
Installation situation	free-standing installation
Delivery state	Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)
System type	Duo
Tightness	odour-tight

Version

Type of system	duo pump
Pump control	Control unit
Backflow preventer	integrated
Sampling device	integrated

Dimensions

Net weight	23 kg
Gross weight	29 kg
Length	670 mm
Width	530 mm
Height	650 mm
Packaging dimension: length	700 mm
Packaging dimension: width	800 mm
Packaging dimension: height	779 mm

Tank/drain body

Pressure pipe connection (DN)	50
Pressure pipe connection (OD)	63 mm
Inlet nominal size (DN)	100
Pumping volume	50 l
Tank volume	120.00 l

Coverage features

Type of cover	Cover
Cover material	Polymer
Colour of cover	violet
Locking	Quick-release closure
Tightness	odour-tight

Pumping device

Pump	GTF 600
Number of pumps	2
Weight, pump	6 kg
Connection type	coded plug
Operating voltage	230 V
Protection class	I
Insulation class	F
Protection class (pump)	IP 68 (3m)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Hot water resistance for a short time (2 min)	80 °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 pump connection cable	H07RN-F 3G 1.5 mm²
Impeller type	Multi-vane impeller
Free passage	30 mm
Length of mains cable for pump	5 m
Rated current	2,9| A

Pumping capacity

Control

Control unit	Comfort
Operating voltage	230 V
Rated current (max.)	|
Protection class control unit	IP 54
Type of fuse required (control unit)	C 16 A
Self-diagnosis system (SDS)	yes
Battery buffering	yes
Multi-line display	yes
Log book function	yes
Potential-free contact	optional
Level measurement instrument	Immersion pipe
Type of level measurement	pneumatic
USB interface	yes
Control unit function	With alarm message
Connection type	coded plug
Length of mains cable for control unit	1.4 m
GSM interface	yes
Motor protection switch	yes
Warning equipment version	acoustic and optical signal