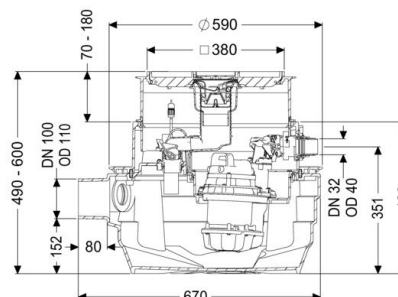


Data sheet

Lifting station Aqualift M Underfloor, Duo, SPZ 1000, tileable



Article information

article number: 28704X
EAN code: 4026092093399
Price group: 20

Product advantages

- Suitable for complete basement drainage
- High-performance macerator for space-saving and secure drainage
- Maximum operating reliability due to intelligent control unit (Duo)

Description

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

General features

Colour
Type of wastewater
Installation situation
Delivery state

black
with sewage
floor slab installation
Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)
Duo
Z-53.2-484

Version

Type of system
Shut-off valve
Pump control
Backflow preventer
Pressure pipe connection

duo pump
without shut-off valve
Control unit
integrated
horizontal

Dimensions

Net weight
Gross weight
Groundwater resistant from lower edge of base section
Cutout dimension, width
Cutout dimension, length
Installation depth
Type of height adjustability
Length
Width
Packaging dimension: length
Packaging dimension: width
Packaging dimension: height

44.2 kg
46 kg
3000 mm
800 mm
800 mm
490/600 mm
vertically adjustable upper section
670 mm
590 mm
620 mm
620 mm
1030 mm

Tank/drain body

Pressure pipe connection (DN)	32
Pressure pipe connection (OD)	40 mm
Connection conduit pipe (DN)	50
Venting connection (DN)	70
Distance from centre of outlet pipe to tank bottom	351 mm
Distance pipe bottom outlet to tank bottom	351 mm
Distance pipe bottom inlet to tank bottom	152 mm
Distance from centre of inlet pipe to tank bottom	207 mm
Inlet nominal size (OD)	110 mm
Inlet nominal size (DN)	100
Number of inlets	1
Pumping volume	20 l
Tank volume	40.00 l

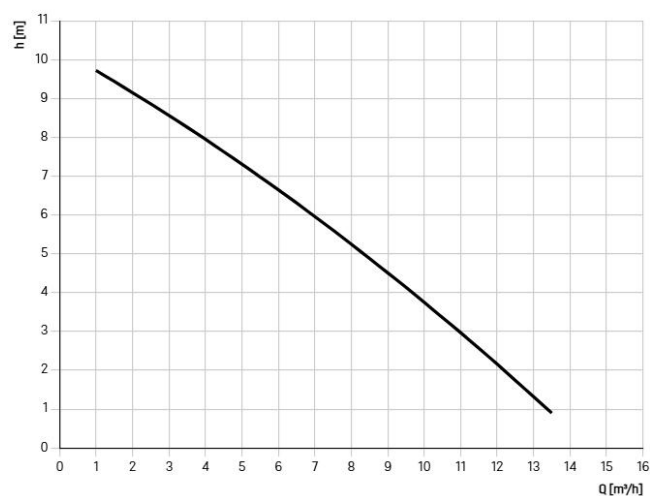
Coverage features

Type of cover	tileable cover plate
Cover material	Polymer
Width of cover	366 mm
Length of cover	366 mm
Drainage function	yes
Locking	Lock & Lift
Load class	K 3 (EN 1253-1)
Max. flooring height	16 mm
geruchsverschluss_hebeanlagen	Multistop

Pumping device

Pump	SPZ 1000
Number of pumps	2
Weight, pump	10 kg
Connection type	coded plug
Operating voltage	230 V
Protection class	I
Insulation class	F
Cos phi - power factor	0.97
Protection class (pump)	IP 68
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	11.5 m³/h
Max. pumping height	10 m
Speed	2800 U/min
Power P1	1.2 kW
Power P2	0.69 kW
Operating mode	S3 - 50 %
Type of pump connection cable	H07RN-F 3G 1.5 mm²
Impeller type	Macerator
Length of mains cable for pump	5 m
Rated current	5,2 A

Pumping capacity



Control

Control unit	Comfort
Operating voltage	230 V
Rated current (max.)	I
Protection class control unit	IP 54
Type of fuse required (control unit)	Fuse protection through control unit 230 V
Self-diagnosis system (SDS)	yes
Battery buffering	yes
Multi-line display	yes
Log book function	yes
Potential-free contact	optional
Alarm sensor	optical probe
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