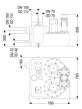
Data sheet

Lifting station Aqualift L Pro Duo, Comfort, SPF 1400-S1



Article information
article number: 11605
EAN code: 4026092071038
Price group: 20

Product advantages
- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Control unit with self-diagnosis system

Description
The lifting station for faecal and faecal-free wastewater is equipped with two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) offers universal connection options and has a screwed access cover.

General features

Colour	black
Standard	EN 12050-1
Type of wastewater	with sewage
Installation situation	free-standing installation
Delivery state	Installation-ready (electrical components, connection parts must be connected on site)

Version

Type of system	duo pump
Shut-off valve	without shut-off valve
Retaining bracket for the lift protection	yes
Sound absorption mat	yes
Pump control	Control unit
Backflow preventer	integrated
Pressure pipe connection	vertical

Dimensions

Net weight	58.83 kg
Gross weight	84 kg
Length	773 mm
Width	780 mm
Height	539 mm
Packaging dimension: length	773 mm
Packaging dimension: width	780 mm
Packaging dimension: height	539 mm

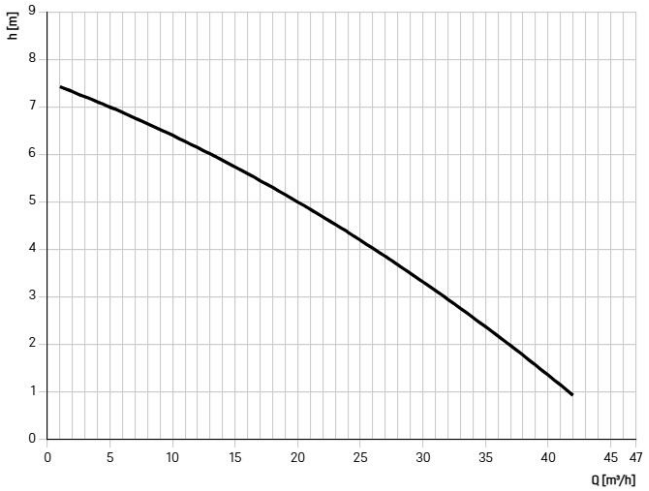
Tank/drain body

Pressure pipe connection (DN)	100
Pressure pipe connection (OD)	110 mm
Connection for manual diaphragm pump (DN)	32
Venting connection (DN)	70
Distance pipe bottom inlet to tank bottom	245 mm
Distance from centre of inlet pipe to tank bottom	300 mm
Inlet max. scoring (DN)	150
Inlet nominal size (OD)	110 mm
Inlet nominal size (DN)	100
Number of inlets	2
Pumping volume	50 l
Tank volume	120.00 l

Pumping device

Pump	SPF 1400-S1
Number of pumps	2
Weight, pump	28 kg
Connection type	coded plug
Protection class	I
Insulation class	F
Cos phi - power factor	0.99
Protection class (pump)	IP 68 (3m/48h)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	38 m³/h
Max. pumping height	7 m
Speed	1420 U/min
Power P1	1.6 kW
Power P2	1.1 kW
Operating mode	S1
Type of pump connection cable	H07RN-F 3G 1.5 mm²
Impeller type	Multi-vane impeller
Free passage	40 mm
Length of mains cable for pump	5 m
Rated current	7,3| A

Pumping capacity



Control

Control unit	Comfort
Operating voltage	230 V
Rated current (max.)	|
Protection class control unit	IP 54
Self-diagnosis system (SDS)	yes
Battery buffering	yes
Multi-line display	yes
Log book function	yes
Potential-free contact	optional
Alarm sensor	Immersion pipe
Level measurement instrument	Immersion pipe with pressure monitor
Type of level measurement	pneumatic
USB interface	yes
Connection type	coded plug
Length of mains cable for control unit	1.4 m
GSM interface	yes