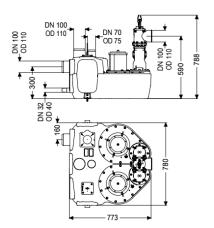


## Lifting station Aqualift F Duo Comfort, SPF 3000-S3, shut-off valve





## Article information

Item no.: 28767 GTIN: 4026092054581 Price group: 20

## **Advantages**

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

## Description

Variant

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.

Variante	
Type of system:	duo pump
Shut-off valve:	Shut-off valve made of polymer
Retaining bracket for the lift protection:	yes
Sound absorption mat:	yes
Pump control:	Control unit
Backflow preventer:	integrated
Pressure pipe connection:	horizontal
General characteristics	
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)
ATEX:	no

Dimensions



Net weight:	78 kg
Gross weight:	100 kg
Length:	773 mm
Width:	780 mm
Height:	788 mm
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height
Tapk (drain body	
Tank/drain body Pressure pipe connection (DN):	100
Pressure pipe connection (DD):	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	300 mm
bottom:	
Inlet max. scoring (DN):	150 mm
Inlet nominal size (OD):	110 mm
Inlet nominal size (DN):	100 mm
Number of inlets:	2
Pumping volume:	50 l
Tank volume:	120 l
Pumping device	SDE 2000
Pump:	SPF 3000
Pump: Number of pumps:	2
Pump: Number of pumps: Weight, pump:	2 24 kg
Pump: Number of pumps: Weight, pump: Connection type:	2 24 kg Direct connection
Pump: Number of pumps: Weight, pump: Connection type: Rated current:	2 24 kg Direct connection 5,4 A
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump:	2 24 kg Direct connection 5,4 A 5 m
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class:	2 24 kg Direct connection 5,4 A 5 m I
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class:	2 24 kg Direct connection 5,4 A 5 m I F
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor:	2 24 kg Direct connection 5,4 A 5 m I F 0,89
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump):	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h)
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor:	2 24 kg Direct connection 5,4 A 5 m I F 0,89
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring:	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material:	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated 40 °C
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping capacity:	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated 40 °C $47 \text{ m}^3/\text{h}$
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height:	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated 40 °C 47 m³/h 16 m
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed:	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated 40 °C 47 m <sup>3</sup> /h 16 m 2845 U/min
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P2: Operating mode:	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated 40 °C 47 m <sup>3</sup> /h 16 m 2845 U/min 3,2 kW 2,7 kW S3 - 50 %
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P1: Power P2: Operating mode: Type of pump connection cable:	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated 40 °C 47 m <sup>3</sup> /h 16 m 2845 U/min 3,2 kW 2,7 kW S3 - 50 % H07RN-F 7G 1.5 mm <sup>2</sup>
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P1: Power P2: Operating mode: Type of pump connection cable: Impeller type:	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated 40 °C 47 m <sup>3</sup> /h 16 m 2845 U/min 3,2 kW 2,7 kW S3 - 50 % H07RN-F 7G 1.5 mm <sup>2</sup> Multi-vane impeller
Pump: Number of pumps: Weight, pump: Connection type: Rated current: Length of mains cable for pump: Protection class: Insulation class: Cos phi - power factor: Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P1: Power P2: Operating mode: Type of pump connection cable:	2 24 kg Direct connection 5,4 A 5 m I F 0,89 IP 68 (3m/48h) integrated 40 °C 47 m <sup>3</sup> /h 16 m 2845 U/min 3,2 kW 2,7 kW S3 - 50 % H07RN-F 7G 1.5 mm <sup>2</sup>

Control Control unit:

Comfort



Motor protection switch: Alarm sensor: Level measurement instrument: Type of level measurement: Protection class control unit: Mains frequency: Operating voltage: Connection type: Potential-free contact: GSM interface: Log book function: Multi-line display: Battery buffering: Self-diagnosis system (SDS): Rated current: yes Immersion pipe Immersion pipe with pressure monitor pneumatic IP 54 50 Hz 400 V Direct connection yes yes yes yes yes yes yes