

Lifting stations for wastewater with or without sewage

Aqualift F XL 200 liters

Products

Illustration and dimensioned drawing

Article description

Voltage

SPF

Article #

NEW



Illustration shows Art. # 11 096

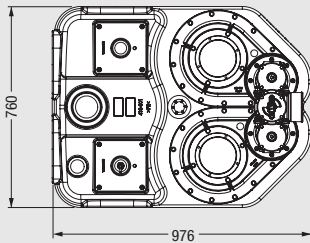
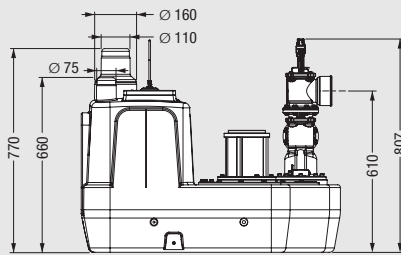
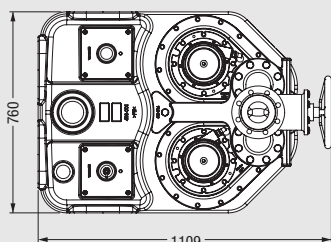
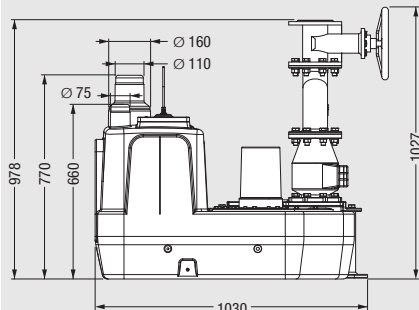


Illustration shows Art. # 11 075



Lifting station Aqualift F XL for free standing installation
Tank volume: 200 liters
Pump volume: 120 liters

Lifting station with one/two SPF pumps for wastewater with or without sewage for free-standing installation in frost-free rooms

Consisting of:

Polyethylene storage chamber with clean-out opening. Spigots for vertical inlet \varnothing 110 mm/160 mm, ventilation \varnothing 75 mm and for manual diaphragm pump \varnothing 32 mm. Horizontal inlet \varnothing 50 mm to \varnothing 200 mm by sawing.

Pressure sensor controlled **single / twin wastewater pump** with non-chokable impeller to pump wastewater with or without sewage (open channel passage 40 mm). Pump is rated submersible (IP 68), power cable length 10 m.

Operating mode:

S1: Continuous duty

S3: 30 % power on duration

Vertical/ horizontal outlet with integrated non-return valve, with/without closure valve (provided loose), with hose section or flange.

Single pump lifting stations:

- 1** without closure valve (vertical pressure outlet)
- 2** with plastic closure valve (horizontal pressure outlet \varnothing 110)

Twin pump lifting stations:

- 3** without closure valve (vertical pressure outlet)
- 4** with plastic closure valve (horizontal pressure outlet \varnothing 110)
- 5** with cast iron closure valve (vertical pressure outlet DN 80)

Comfort control unit with mains power ON / OFF switch and multilingual digital display (EN, DE, FR, IT, PL, NL) showing current operational status, settings and logbook; control unit is splash proof (IP 65), wall mounted, voltage 230 V or 400 V at 50 Hz. With potential-free/BMS contact (optional at 230 V).

CE EN 12050-1

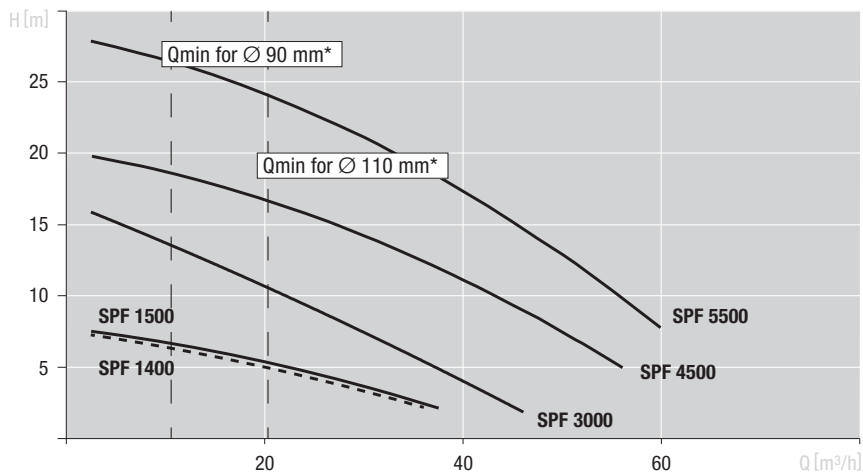
1	230 V	1400-S3	11 000
3	230 V	1400-S3	11 001
2	230 V	1400-S3	11 002
4	230 V	1400-S3	11 003
1	400 V	1500-S3	11 018
3	400 V	1500-S3	11 019
2	400 V	1500-S3	11 020
4	400 V	1500-S3	11 021
1	400 V	3000-S3	11 036
3	400 V	3000-S3	11 037
2	400 V	3000-S3	11 038
4	400 V	3000-S3	11 039
5	400 V	3000-S3	11 043
5	400 V	4500-S3	11 062
5	400 V	5500-S3	11 075
3	230 V	1400-S1	11 085
4	230 V	1400-S1	11 086
3	400 V	1500-S1	11 095
4	400 V	1500-S1	11 096
3	400 V	3000-S1	11 105
4	400 V	3000-S1	11 106
5	400 V	3000-S1	11 108
5	400 V	4500-S1	11 121

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Installation example *Aqualift F XL*



The wastewater is drained by the *Aqualift F XL* ① lifting station fully automatically upwards via the backwater loop to the sewage system. A greater pumping capacity if more wastewater occurs is guaranteed by a second pump switching on automatically. Long pump service life thanks to alternating operation. The lifting stations of the *Aqualift F XL* series are particularly suitable for industrial and municipal applications, such as downstream from a grease separator ②.



* according to EN 12056-4

Type	SPF 1400	SPF 1500	SPF 3000	SPF 4500	SPF 5500
Input Power (P1)	1.6 kW	1.4 kW	3.2 kW	4.5 kW	5.7 kW
Power (P2)	1.1 kW	1.1 kW	2.7 kW	3.7 kW	4.7 kW
Voltage	230 V	400 V	400 V	400 V	400 V
Amperage	7.3 A	2.7 A	5.4 A	7.4 A	9.1 A
Operating mode	S1	S1	S1	S1	S3 30 % power on duration
Weight	99 kg	98 kg	188 kg	189 kg	211 kg

Professional advantages

- Inlet connection**
 Size \varnothing 110 mm or \varnothing 160 mm selected on-site
 
- Additional inlet connections on-site**
 Inlets from size \varnothing 50 mm to \varnothing 200 mm inlets can be easily installed.
 
- Polymer gate closure valves and fittings for SPF 1400, 1500, 3000 models. Cast iron gate closure valves and fittings for SPF 4500 and 5500 models.**
 Cast iron systems also available for other pump models where excessive return pressures are expected
- Compact dimensioned bodies** offer large storage capacities but still allow access through 800 mm wide doorways.
- Single or Twin Pump Lifting Stations**
 Includes digital display control unit and non-return valve.
 

Comfort control unit

- User friendly navigation in multi-line display
- With self-diagnosis system SDS and memory function for the next service
- Displays current operational status
- Simple setting of parameters relevant for the function
- Operating hours counter
- Optional forwarding of alarm and general fault signals via a GSM interface
- Multilingual display (EN, DE, FR, IT, PL, NL)