

Lifting station *Aqualift F XL Mono / Duo* 200 liter tank volume



for free-standing installation in frost-free rooms

TÜV Rheinland Germany type tested and monitored



Tank volume: 200 liters

Pump volume: 120 liters

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.

Pumps

Pressure sensor controlled single or twin wastewater *SPF* pumps with multi-vane impeller to pump wastewater with or without sewage (open channel passage 40 mm). Pump is rated submersible (IP 68), pump cable length 5 m. With sound-absorbing underlay mat (10 mm thick).

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

Pressure outlet:

vertical \varnothing 110 without closure valve,
horizontal \varnothing 110 with plastic closure valve or
vertical DN 80 with cast iron closure valve

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 54), wall mounted, voltage 230 V or 400 V at 50 Hz. With potential-free/BMS contact (optional 230 V).

➤ **Accessories:** page 127 – 133

➤ **Note:** Also available in 60 Hz / 400 V page 104

Pumping capacity

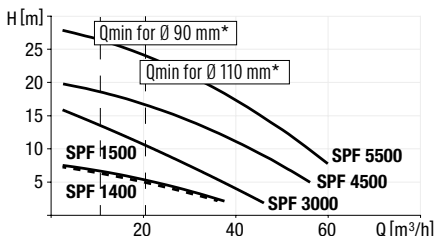


Illustration shows Duo version with plastic closure valve

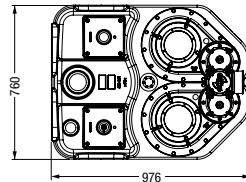
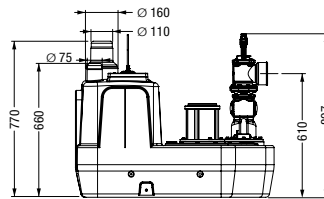
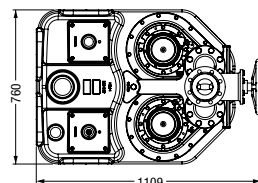
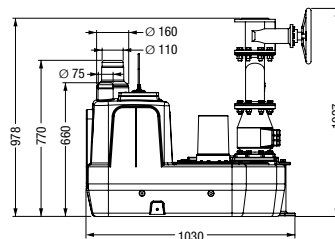


Illustration shows Duo version with cast iron closure valve



Mono version with one pump

| SPF pump | Voltage | Art. no. |
|-----------------------|---------|----------|
| Without closure valve | | |
| 1400-S3 | 230 V | 11 000 |
| 1500-S3 | 400 V | 11 018 |
| 3000-S3 | 400 V | 11 036 |
| 4500-S3 | 400 V | 11 059 |
| 5500-S3 | 400 V | 11 072 |

With plastic closure valve

| | | |
|---------|-------|--------|
| 1400-S3 | 230 V | 11 002 |
| 1500-S3 | 400 V | 11 020 |
| 3000-S3 | 400 V | 11 038 |

With cast iron closure valve

| | | |
|---------|-------|--------|
| 1400-S3 | 230 V | 11 006 |
| 1500-S3 | 400 V | 11 024 |
| 3000-S3 | 400 V | 11 042 |
| 4500-S3 | 400 V | 11 061 |
| 5500-S3 | 400 V | 11 074 |

Duo version with two pumps

| SPF pump | Voltage | Art. no. |
|-----------------------|---------|----------|
| Without closure valve | | |
| 1400-S3 | 230 V | 11 001 |
| 1400-S1 | 230 V | 11 085 |
| 1500-S3 | 400 V | 11 019 |
| 1500-S1 | 400 V | 11 095 |
| 3000-S3 | 400 V | 11 037 |
| 3000-S1 | 400 V | 11 105 |
| 4500-S3 | 400 V | 11 060 |
| 4500-S1 | 400 V | 11 120 |
| 5500-S3 | 400 V | 11 073 |

With plastic closure valve

| | | |
|---------|-------|--------|
| 1400-S3 | 230 V | 11 003 |
| 1400-S1 | 230 V | 11 086 |
| 1500-S3 | 400 V | 11 021 |
| 1500-S1 | 400 V | 11 096 |
| 3000-S3 | 400 V | 11 039 |
| 3000-S1 | 400 V | 11 106 |

With cast iron closure valve

| | | |
|---------|-------|--------|
| 1400-S3 | 230 V | 11 007 |
| 1400-S1 | 400 V | 11 088 |
| 1500-S3 | 230 V | 11 025 |
| 1500-S1 | 400 V | 11 098 |
| 3000-S3 | 400 V | 11 043 |
| 3000-S1 | 400 V | 11 108 |
| 4500-S3 | 400 V | 11 062 |
| 4500-S1 | 400 V | 11 121 |
| 5500-S3 | 400 V | 11 075 |

| Pump type | Input Power (P1) | Power (P2) | Voltage | Amperage | Weight | Pumping capacity | Pumping height |
|-------------------------|------------------|------------|---------|----------|--------|------------------|----------------|
| SPF 1400-S1/S3-100/50%* | 1.6 kW | 1.1 kW | 230 V | 7.3 A | 99 kg | 38 m³/h | 7 m |
| SPF 1500-S1/S3-100/50%* | 1.4 kW | 1.1 kW | 400 V | 2.7 A | 98 kg | 40 m³/h | 8 m |
| SPF 3000-S1/S3-100/50%* | 3.2 kW | 2.7 kW | 400 V | 5.4 A | 188 kg | 47 m³/h | 16 m |
| SPF 4500-S1/S3-100/50%* | 4.5 kW | 3.7 kW | 400 V | 7.5 A | 189 kg | 55 m³/h | 20 m |
| SPF 5500-S3-30%* | 5.7 kW | 4.7 kW | 400 V | 9.1 A | 211 kg | 60 m³/h | 27 m |

*Definition of S1 and S3-pumps see page 97