

Lifting station *Aqualift F XL Mono / Duo* 300 liter tank volume

for free-standing installation in frost-free rooms



TÜV Rheinland Germany type tested and monitored



Tank volume: 300 liters

Pump volume: 175 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 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

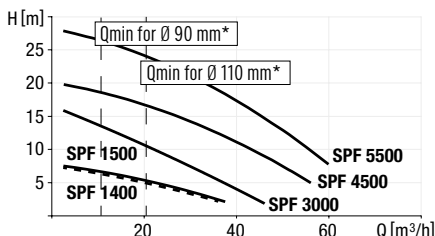


Illustration shows Duo version with plastic closure valve

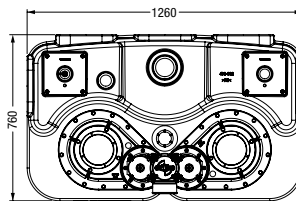
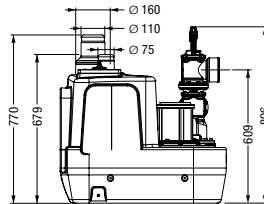
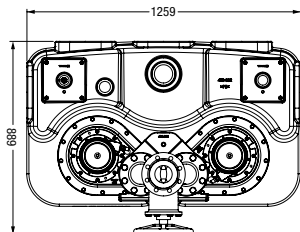
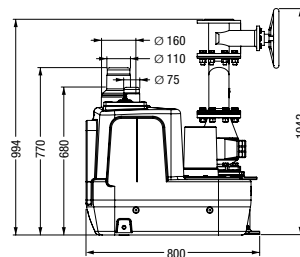


Illustration shows Duo version with cast iron closure valve



Mono version with one pump

SPF pump	Voltage	Art. no.
Without closure valve		
1400-S3	230 V	11 009
1500-S3	400 V	11 027
3000-S3	400 V	11 045
4500-S3	400 V	11 064
5500-S3	400 V	11 077

With plastic closure valve

1400-S3	230 V	11 011
1500-S3	400 V	11 029
3000-S3	400 V	11 047

With cast iron closure valve

1400-S3	230 V	11 015
1500-S3	400 V	11 033
3000-S3	400 V	11 051
4500-S3	400 V	11 066
5500-S3	400 V	11 079

Duo version with two pumps

SPF pump	Voltage	Art. no.
Without closure valve		
1400-S3	230 V	11 010
1400-S1	230 V	11 090
1500-S3	400 V	11 028
1500-S1	400 V	11 100
3000-S3	400 V	11 046
3000-S1	400 V	11 110
4500-S3	400 V	11 065
4500-S1	400 V	11 123
5500-S3	400 V	11 078

With plastic closure valve

1400-S3	230 V	11 012
1400-S1	230 V	11 091
1500-S3	400 V	11 030
1500-S1	400 V	11 101
3000-S3	400 V	11 048
3000-S1	400 V	11 111

With cast iron closure valve

1400-S3	230 V	11 016
1400-S1	230 V	11 092
1500-S3	400 V	11 034
1500-S1	400 V	11 103
3000-S3	400 V	11 052
3000-S1	400 V	11 113
4500-S3	400 V	11 067
4500-S1	400 V	11 124
5500-S3	400 V	11 080

Pump type	Input Power (P1)	Power (P2)	Voltage	Amperage	Weight	Pumping capacity	Pumping height
SPF 1400-S1-100%*	1.6 kW	1.1 kW	230 V	7.3 A	99 kg	38 m³/h	7 m
SPF 1500-S1-100%*	1.4 kW	1.1 kW	400 V	2.7 A	98 kg	40 m³/h	8 m
SPF 3000-S1-100%*	3.2 kW	2.7 kW	400 V	5.4 A	188 kg	47 m³/h	16 m
SPF 4500-S1-100%*	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