

Lifting station *Aqualift F XL Duo* 450 liter tank volume

for free-standing installation in frost-free rooms



TÜV Rheinland Germany type tested and monitored EN 12050-1

Tank volume: 450 liters

Pump volume: 250 liters

Polyethylene storage chamber

with air pressure level detector, clean-out opening. Spigots for vertical inlet Ø 110 mm/ 160 mm, ventilation Ø 75 mm and for manual diaphragm pump Ø 32 mm. Horizontal inlet Ø 50 mm to Ø 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 Ø 110 without closure valve,
horizontal Ø 110 with plastic closure valve
or vertical DN 80 with cast iron closure valve

Comfort control unit

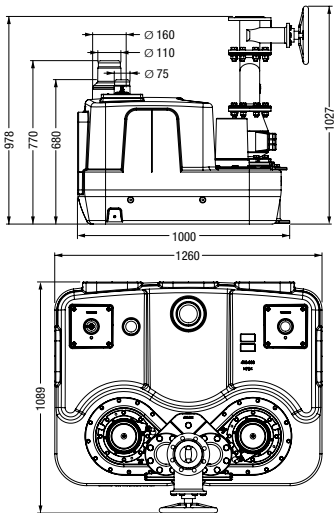
with mains power ON / OFF switch and multilingual digital display (EN, DE, FR, IT, PL, NL) showing current operational status, settings and logbook; control unit is splash proof (IP 54), wall mounted, voltage 230 V or 400 V at 50 Hz. With potential-free/BMS contact (optional 230 V).

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Note: Also available in 60 Hz / 400 V
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Illustration shows Duo version with cast iron closure valve



Duo version with two pumps

SPF pump	Voltage	Art. no.
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Without closure valve

3000-S3	400 V	11 054
3000-S1	400 V	11 115
4500-S3	400 V	11 069
4500-S1	400 V	11 126
5500-S3	400 V	11 082

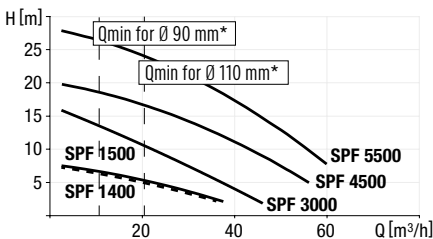
With plastic closure valve

3000-S3	400 V	11 055
3000-S1	400 V	11 116

With cast iron closure valve

3000-S3	400 V	11 057
3000-S1	400 V	11 118
4500-S3	400 V	11 070
4500-S1	400 V	11 127
5500-S3	400 V	11 083

Pumping capacity



Pump type	Input Power (P1)	Power (P2)	Voltage	Amperage	Weight	Pumping capacity	Pumping height
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