

## Lifting station *Aqualift F Duo* 120 liter tank volume for free-standing installation in frost-free rooms



**EN 12050-1**

**Tank volume:** 120 liters

**Pump volume:** 50 liters

**Polyethylene storage chamber** with clean-out opening. With sound-absorbing underlay mat (10 mm thick). Connection for inlet  $\varnothing$  110 and ventilation  $\varnothing$  75, connection coupling for manual diaphragm pump  $\varnothing$  32 mm.

### Pumps

SPF pumps for wastewater with or without sewage, pressure sensor controlled with multi-vane impeller. Open channel passage 40 mm. Pumps are rated submersible (IP 68), pump cable length 5 m. Outlet with integrated non-return valve, connection coupling  $\varnothing$  110 with elastic hose section.

### Pressure outlet:

vertical  $\varnothing$  110 without closure valve or horizontal  $\varnothing$  110 with 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 / 400 V 50 Hz. With potential-free contact.

➤ **Accessories:** page 134 – 141

➤ **Note:** Also available in 60 Hz / 400 V page 108

\* according to EN 12056-4

### Pumping capacity

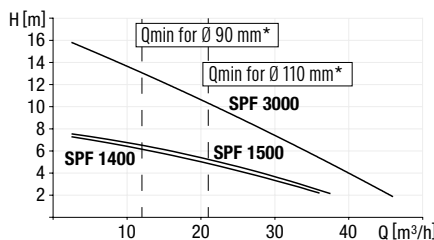


Illustration shows Art. no. 28 628-C

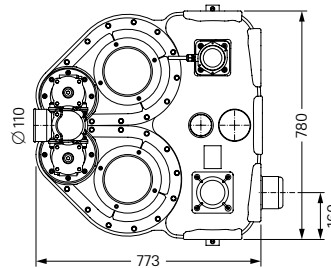
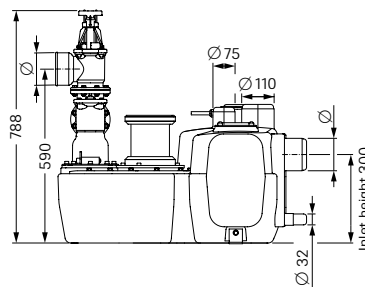


Illustration shows Art. no. 28 629-C

### Duo version with two pumps

SPF pump	Voltage	Art. no.
<b>Without closure valve</b>		
1400-S3	230 V	28 628-C
1500-S3	400 V	28 764
3000-S3	400 V	28 765
1400-S1	230 V	11 605
1500-S1	400 V	11 604
3000-S1	400 V	11 606
<b>With closure valve</b>		
1400-S3	230 V	28 629-C
1500-S3	400 V	28 766
3000-S3	400 V	28 767
1400-S1	230 V	11 608
1500-S1	400 V	11 607
3000-S1	400 V	11 609

Pump type	Input Power (P1)	Power (P2)	Voltage	Frequency	Amperage	Fuses surge-proof	Cable connections 5 m Length	Media temperature	Weight (Pump)	Protection	RPM	Pumping capacity	Pumping height
SPF 1400-S1/S3-100/50%*	1.6 kW	1.1 kW	230 V	50 Hz	7.3 A	16 A	3 × 1.0 mm <sup>2</sup>	40°C	23 kg	IP 68	1.370	38 m <sup>3</sup> /h	7 m
SPF 1500-S1/S3-100/50%*	1.4 kW	1.1 kW	400 V	50 Hz	2.7 A	3 × 16 A	7 × 1.5 mm <sup>2</sup>	40°C	24 kg	IP 68	1.415	40 m <sup>3</sup> /h	8 m
SPF 3000-S1/S3-100/50%*	3.2 kW	2.7 kW	400 V	50 Hz	5.4 A	3 × 16 A	7 × 1.5 mm <sup>2</sup>	40°C	24 kg	IP 68	2.845	47 m <sup>3</sup> /h	16 m

\* Definition of S1 and S3-pumps see page 101